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TRANSMITTAL

TO: Alabama Department of Transportation
Materials & Tests Bureau
3700 Fairground Road
Montgomery, AL 36130

DATE: May 15, 2002

ATTN: Mr. Buddy Cox

PROJECT:

Coliseum Boulevard Plume
Montgomery, Alabama

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Should you have any questions, please do not hesitate to contact me at (334) 244-0766.

TTL, INC.

Steve T. Grammas, PG

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

INVESTIGATION REPORT OF PROBEHOLE PH12 AREA

COLISEUM BOULEVARD PLUME MONTGOMERY, ALABAMA

DEPARTMENT OF TRANSPORTATION

May 14, 2002

Submitted to:
The Alabama Department of Environmental Management
Montgomery, Alabama

INVESTIGATION REPORT (PROBEHOLE PH12 AREA)

Coliseum Boulevard Plume
Montgomery, Alabama
May 14, 2002

This report summarizes investigations to delineate the extent of elevated concentrations of TCE (trichloroethylene) in the shallow ground water at former probeholes PH11 (Broadway Street) and PH12 (Gardendale Drive). The origin of this investigation was in the former probehole PH12 area where the greatest concentrations of TCE have been detected in ground-water samples. This investigation was implemented in accordance with the October 24, 2001 Scope of Work identified as Addendum 03-Revision 3 of the February 2001 Work Plan for Rapid Response, Interim Corrective Measures and Comprehensive Site Assessment for the Coliseum Boulevard Plume Site. A specific purpose of the investigation was to delineate the area(s) where the shallow ground water contains 5,000 μg/L (micrograms per liter) or greater TCE.

The area of elevated TCE was delineated by collecting and analyzing ground-water samples from 46 locations. A "step out" procedure was used for the delineation. The data from the initial phase were reviewed and additional locations for sampling were selected. This process continued until the delineation was complete.

Two CMT (continuous multi-channel tubing) wells were installed to evaluate the vertical distributions of TCE in the shallow ground water.

FIELD ACTIVITIES

Soils/sediments

Field activities began on November 13, 2001. At each probehole location, a Geoprobe was used to drive a soil-conductivity probe to the first distinct clay beneath the water table. Upon completion of each soil-conductivity probehole, the probehole was pressure grouted through Geoprobe rods to land surface with Pure Gold bentonite grout.

A second probehole then was driven about 3 feet from the soil-conductivity probehole so that soil/sediment and ground-water samples could be collected. The soil/sediment samples were collected continuously from the land surface to the first distinct clay beneath the water table and described by an on-site geologist. Heaving sands and gravels prevented continuous sample collection at three of the probeholes. Upon completion, each sampling probehole was pressure grouted to the land surface with Pure Gold bentonite grout. The soil-conductivity logs are provided in Appendix A and the lithological descriptions of the soil/sediment samples are provided in Appendix B.

Eighty-two (82) soil/sediment samples were collected from the probeholes. The locations of the probeholes are shown on Figure 1. The soil/sediment samples that were collected above the water table were scanned for ionizable vapors with a PID (photoionization detector). The interval/depth of the soil/sediment sample, from each probehole, that contained the greatest concentration of ionizable vapors was selected for VOC analysis. The soil/sediment sample was collected at a depth generally comparable to the depth of the nearby sanitary sewer (8 to 9 feet BLS) when none of the soil/sediment samples from a probehole contained detectable ionizable vapors. Soil/sediment samples also were collected from 1 to 2 feet BLS (below land surface) and 1 to 2 feet above the water table from probeholes 8, 11, 12, 13, and 14, which were near a former ditch along the west side of the west parking lot at the ALDOT (Alabama Department of Transportation) Materials and Testing Laboratory Building and from probeholes 9 and 10, which were near former probehole PH11.

The soil/sediment samples were analyzed for VOCs using an on-site mobile field gas chromatograph with an FID (flame ionization detector) operated by PES (Plains Environmental Services). The samples were analyzed by a heated head-space method.

Ground Water

Based on the Addendum 03 Scope of Work, ground-water samples were to be collected from each probehole, as follows: (1) within 5 feet of the water table; (2) within 5 feet of the first distinct clay beneath the water table; and, (3) from the coarsest lithologic unit greater than 1 foot thick, if present. When the water table was within the coarsest lithologic unit (i.e., sand and gravel), the third ground-water sample was collected from an intermediate zone. The intermediate zone primarily comprised clayey and silty sands.

Each ground-water sample was collected through a Geoprobe™ "drop out" screen by using tygon tubing with a check-valve assembly. At least three probehole volumes of ground water were purged from each probehole prior to sample collection.

Ground-water samples were collected initially from probehole locations 1 through 20 (see Figure 1). The ground-water samples were analyzed for VOCs by using an on-site field gas chromatograph. The heated headspace method was used for the field analyses. Based on elevated TCE concentrations in ground-water samples from probehole locations 2 (Gardendale Drive), 7 and 8 (Chisholm Street), 10 (Broadway Street), 13 (parking lot of ALDOT Materials and Testing Bureau), 14 (Houser Street), and 15 (grassy area adjacent to ALDOT Materials and Testing Laboratory), ground-water samples were collected from initial "step out" probehole locations 21 through 28 and analyzed for VOCs. Each of these 8 "step-out" probeholes was about 200 feet from a probehole from which ground-water sample(s) contained elevated TCE concentration(s) (i.e., approximately 5,000 µg/l). This collecting and analyzing of ground-water samples from "step-out" probeholes continued until the extent of the elevated TCE concentrations in the shallow ground water was determined.

Review of the results of the analyses for TCE in the ground-water samples indicated that the greatest concentrations of TCE were at probeholes 2 and 9 (see Results Section of this Report), which were on Gardendale Drive and Broadway Street, respectively. These probeholes are near Fairgrounds Road. Further, these elevated concentrations were in ground-water samples from the "intermediate" clayey and silty sands. Because of these elevated "intermediate" TCE concentrations, the vertical distributions of TCE concentrations were investigated by collecting ground-water samples in 4-foot intervals from the water table to the first distinct clay beneath the water table at probehole locations 2R and 9R. Probeholes 2R and 9R were adjacent to probehole locations 2 and 9, respectively. Based on the TCE concentrations in the ground-water samples from the 4-foot intervals at these two initial probeholes, collection of ground-water samples at 4-foot intervals from the water table to the first distinct clay beneath the water table was performed during the remainder of the investigation. Collection of ground-water samples at 4-foot intervals was performed adjacent to 8 previously sampled probeholes from which ground-water samples had contained elevated concentrations of TCE and from remaining probehole locations 31 through 46. Continuous collection of ground-water samples from the 8 probeholes adjacent to previous probeholes are denoted with the letter "R".

Construction of CMT Wells

CMT#1 and CMT#2 (see Figure 1) were constructed adjacent to probehole locations 2R (Gardendale Dr.) and 9R (Broadway Street), on February 13 and 14, 2002, respectively. The boreholes for the wells, which were drilled using sonic drilling methods, were terminated at the first distinct clay beneath the water table. Each CMT well comprises seven screened "ports." With the exception of the bottom port, each port is about 3½ inches long. The bottom port is an approximately ¼-inch-diameter hole. Each of the seven ports is covered with a 100-mesh wire wrap screen. The ports of CMT wells #1 and #2 are within intervals from which ground-water samples were collected from probeholes 2R and 9R, respectively. Boring logs of probeholes locations 2 and

9 and corresponding CMT construction diagrams are provided in Attachment B. Construction characteristics of the CMT wells are provided in Table 1.

The depths to water were measured in the ports of CMT wells #1 and #2 on February 21, 2002 (see Table 2). On February 21, 2002, ground-water samples were collected through each port of the CMT wells. Prior to sample collection, about three gallons of water were purged from each well by using a peristaltic pump and tubing. A ground-water sample was not collected from port #4 of CMT well #1 because the bentonite plug was placed inadvertently around the screen of port #4.

The ground-water samples were collected by disconnecting the tubing from the peristaltic pump and emptying the water through the bottom end of the tubing. Six ground-water samples were collected from CMT well #1 and seven ground-water samples were collected from CMT well #2 and analyzed for VOCs. Two ground-water samples (from ports 3 and 5 from CMT well #1) were analyzed by a field GC using the heated head space method. The remaining samples were transported to **TTL's** laboratory for analyses for VOCs.

The concentrations of VOCs in the ground-water samples collected on February 21, 2002, from the CMT wells generally were substantially smaller than the concentrations in the correlative ground-water samples collected from probeholes (2R and 9R) through the Geoprobe "drop-out" screens. Therefore, additional samples were collected from CMT well #1 on April 4 and 5, 2002 and from CMT wells #1 and #2 on May 6 and 7, 2002. Prior to sample collection the depths to water were measured in the ports. During the April sampling event, about 15 gallons of water (about 5 times the volume purged during the initial sampling event) were purged from CMT well #1 prior to sample collection. During the May sampling event, about three port volumes of ground water (about 1.3 quarts) were purged from each port of CMT well #1 and about 3 gallons of ground water were purged from each port of CMT well #2 prior to sample collection. These ground-water samples were transported to **TTL's** laboratory for analyses for VOCs.

Quality Assurance/Quality Control

About 10 percent of the soil/sediment and about 10 percent of the ground-water samples that were analyzed with field gas chromatograph were split and analyzed, for VOCs, by **TTL's** laboratory in Tuscaloosa, Alabama. Equipment rinse samples were collected during daily field activities. The temperature, specific conductance, dissolved oxygen, pH, and oxidation-reduction potential were measured during collection of the split ground-water samples. In addition to VOCs, the split ground-water samples were analyzed for alkalinity, chloride, nitrate, nitrite, sulfate, and iron by **TTL's** laboratory. The split ground-water samples also were analyzed for methane, ethane, and ethene by Severn Trent Laboratories in Mobile, Alabama. Trip blanks accompanied the equipment rinse and ground-water and soil/sediment samples during transport to **TTL's** laboratory for the VOC analyses.

RESULTS

Soils/sediments

Results of the analyses for VOCs in the soil/sediment samples are provided in Table 3. Results of the field analyses for VOCs in the soil/sediment samples by PES are provided in Appendix C. Of the 82 soil/sediment samples, only two samples (a confirmation and a duplicate) contained TCE. The confirmation sample, which was from 1 to 2 feet BLS from probehole location 11, contained 3.1 mg/kg (milligrams per kilogram) of TCE. The duplicate sample, which was from the same interval of this probehole, contained 6.1 mg/kg of TCE. Probehole location 11 was about 70 feet west of the ALDOT Materials and Testing Laboratory (see Figure 1).

Ground Water

Results of the field analyses and laboratory analyses for VOCs in the ground-water samples are compiled in Table 4. Results of the field analyses for VOCs in the ground-water samples performed by PES are provided in Appendix C. Laboratory reports of the results of the analyses for VOCs in the split ground-water samples that were analyzed by **TTL** are provided in Appendix D. Temperature, specific conductance, dissolved oxygen, pH, and oxidation-reduction potential measured in the split ground-water samples are provided in Table 5.

Ground-water samples from probehole locations 2 (Gardendale Drive), 7 and 8 (Chisholm Street), 10 (Broadway Street), 13 (parking lot of ALDOT Materials and Testing Bureau), 14 (Houser Street), and 15 (grassy area at ALDOT Materials and Testing Laboratory), contained TCE concentrations ranging from approximately 3,500 µg/l to 11,000 µg/l. As stated above, collection and analyses of ground-water samples from "step-out" probeholes continued until the extent of elevated TCE concentrations in the shallow ground water was determined.

Ground-water samples were collected continuously from 4-foot intervals at 26 of the following probehole locations: 2R, 6R, 9R, 14R, 22R, 23R, 24R, 25R, 29R, 30R and 31 through 46 and analyzed for VOCs. The results of this vertical profiling of TCE concentrations in the shallow ground water are depicted on seven geologic cross-sections (A-A' through G-G'). As shown on the cross-sections, the greatest TCE concentrations were in ground-water samples from the fine- to coarse-grained glauconitic clayey and silty sands.

The results of the analyses for alkalinity, chloride, nitrate, nitrite, sulfate, and iron are provided in Table 6. The results of the analyses for methane, ethene, and ethane are provided in Table 4. Laboratory reports of the results of these analyses are provided in Appendix D.

Results of the analyses for VOCs in the ground-water samples collected from the CMT wells and adjacent probeholes 2R and 9R are provided in Table 7. The ground-water samples collected on February 21, 2002 from CMT wells #1 and #2 contained much smaller concentrations of TCE than ground-water samples collected from adjacent probeholes 2R and 9R, respectively. The

ground-water samples collected on April 4 and 5, 2002 from CMT well #1 and ground-water samples collected on May 6 and 7, 2002 from CMT wells #1 and #2 contained much greater TCE concentrations than the ground-water samples collected from the wells on February 21, 2002. The substantially greater volumes of water that were purged through the ports during the April and May sampling events probably removed or greatly reduced the effects of the water introduced into the wells during construction.

TABLES

Table 1. Construction characteristics of continuous multi-channel tubing (CMT) wells; Investigation Report of Probehole PH 12 Area; Coliseum Blvd. Plume; Montgomery, Alabama.

CMT Well I.D.	Location	Date Constructed	Total Depth (ft. BLS)1	Diameter of Borehole (inches)	Diameter of CMT (inches)	Ports/Screened Intervals (ft. BLS)	Sand Pack (ft. BLS)	Bentonite Pellet Seal (ft. BLS)	Cement/ Bentonite Seal (ft. BLS)
CMT #1	Gardendale Dr. at Location 2R	2/13/02	51.5	6	1	#1 / 43.1-43.4	42-45	41-42	0.5-27
						#2 / 39.3-39.6	39-41	37-39	
						#3 / 35.3-35.6	35-37	34-35	
						#4[2] / 31.6-31.9	32-34	31-32	
						#5 / 29.2-29.5	29-31	27-29	
						#6 / 47.4-47.7	46-49	45-46	
						#7 / 51.5	51-54	49-51	
CMT #2	Broadway St. at Location 9R	2/14/02	60	6	1	#1 / 32.3-32.6	30.1-34	28-30.1	0.5-28
							35-37.2[3]	34-35	
						#2 / 40.3-40.6	38.2-40.5	37.2-38.2	
						#3 / 44.3-44.6	43-45.2	40.5-43	
						#4 / 48.4-48.7	47-49	45.2-47	
						#5 / 52.3-52.6	50.9-52.8	49-50.9	
						#6 / 56.1-56.4	54.4-57	52.8-54.4	
						#7 / 59.8	59-62	57-59	

Notes:

[1] Feet below land surface.

[2] Bentonite most likely around port.

[3] Interval of sand was used because of an insufficient supply of bentonite pellets.

Table 2. Ground-water elevations in CMT wells; Investigation Report of Probehole PH 12 Area; Coliseum Blvd. Plume; Montgomery, Alabama.

Well Identifier	Elevation of Land Surface[1] (ft. AMSL)[2]	Elevation of Measuring Point[3] (ft. AMSL)	Date of Measurement	Ports/Screened Intervals (ft. BLS)[4]	Depth to Water (ft. BMP)[5]	Ground-Water Elevation (ft. AMSL)
CMT #1	219.70	219.50	2/21/02	#1 / 43.1-43.4	24.15	195.35
				#2 / 39.3-39.6	24.15	195.35
				#3 / 35.3-35.6	24.15	195.35
				#4 / 31.6-31.9	20.03[6]	199.46
				#5 / 29.2-29.5	24.15	195.35
				#6 / 47.4-47.7	24.15	195.35
				#7 / 51.45	24.15	195.35
			4/4/02	#1 / 43.1-43.4	23.66	195.84
				#2 / 39.3-39.6	23.80	195.70
			4/5/02	#3 / 35.3-35.6	23.66	195.84
				#4 / 31.6-31.9	23.65	195.85
				#5 / 29.2-29.5	23.65	195.85
				#6 / 47.4-47.7	23.66	195.84
				#7 / 51.45	23.66	195.84
			5/6/02	#1 / 43.1-43.4	23.82	195.68
				#2 / 39.3-39.6	23.85	195.65
				#3 / 35.3-35.6	23.85	195.65
				#4 / 31.6-31.9	23.50	196.00
				#5 / 29.2-29.5	23.85	195.65
				#6 / 47.4-47.7	23.88	195.62
				#7 / 51.45	23.92	195.58
CMT #2	222.18	221.85	2/21/02	#1 / 32.3-32.6	26.70	195.15
				#2 / 40.3-40.6	26.69	195.16
				#3 / 44.3-44.6	26.69	195.16
				#4 / 48.4-48.7	26.67	195.18
				#5 / 52.3-52.6	26.69	195.16
				#6 / 56.1-56.4	26.69	195.16
				#7 / 59.8	8.69[7]	----
			5/6/02	#1 / 32.3-32.6	26.28	195.57
				#2 / 40.3-40.6	26.29	195.56
				#3 / 44.3-44.6	26.28	195.57
				#4 / 48.4-48.7	26.29	195.56
				#5 / 52.3-52.6	26.31	195.54
				#6 / 56.1-56.4	26.30	195.55
				#7 / 59.8	26.23	195.62

[1] Elevations of land surface and measuring points were surveyed by Larry E. Speaks & Associates.

[2] Feet above mean sea level

[3] Top of casing

[4] Feet below land surface

[5] Feet below measuring point

[6] Screen most likely within bentonite plug.

[7] Erroneous water level; most likely caused by accumulation of water inside port during well construction.

Table 3. Results[1] of volatile organic compounds (VOCs) detected in soil/sediment samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene[4]	Tetrachloroethylene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1, Trichloroethane	Carbon Tetrachloride[5]	Trans-1,2-Dichloroethene[5]	Benzene	Toluene	Ethyl Benzene	m,p,o-Xylene
				[Concentrations are in micrograms per kilogram (mg/kg)][7]													
				10.0 µg/kg[8]	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg
Loc 01	ALDOT.C06	15-16	12/03/2001	ND[9]	NA[10]	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 02	ALDOT.C16	12.5	12/04/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 03	ALDOT.C31	9	12/05/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 04	ALDOT.C48	9	12/07/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 04	Confirmation[11]	8.5-9	12/07/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 05	ALDOT.C66	9	12/10/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 06	ALDOT.C70	27.5	12/10/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 07	ALDOT.C86	9	12/11/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 08	ALDOT.C87	2	12/11/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 08	ALDOT.C88	15	12/11/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 08	ALDOT.C92	23.5	12/11/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 09	ALDOTB.C18	1.5	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 09	ALDOTB.C22	9	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 09	ALDOTB.C23	26	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 10	ALDOT.C40	2	12/06/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 10	ALDOT.C41	9	12/06/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 10	ALDOT.C42	24	12/06/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 11	ALDOTB.C39	1.5	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 11	ALDOTB.C40	8	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 11	ALDOTB.C41	25.5	12/12/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 11	Confirmation	1-2	12/12/2001	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 11 dup[12]	Confirmation	1-2	12/12/2001	6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 12	ALDOTB.C61	1.5	12/13/2001	ND	NA	200	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12	ALDOTB.C64	9	12/13/2001	ND	NA	530	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12	ALDOTB.C65	26	12/13/2001	ND	NA	63	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12R	ALDOTD.C74	1.5	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12R	ALDOTD.C75	9	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12R	ALDOTD.C77	26	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 12R	Confirmation	1.5	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 12R	Confirmation	9	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 12R	Confirmation	26	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Continued on next page

Table 3. Results[1] of volatile organic compounds (VOCs) detected in soil/sediment samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per kilogram (mg/kg)][7]

Probehole	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene[4]	Tetrachloroethylene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Trans-1,2-Dichloroethene[6]	Benzene	Toluene	Ethyl Benzene	m,p,o-Xylene
				10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg
Loc 13	ALDOTB.C81	1.5	12/14/2001	ND	NA	800	ND	ND	720	NA	ND	NA	NA	ND	ND	ND	ND
Loc 13	ALDOTB.C83	20.5	12/14/2001	ND	NA	250	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 13	ALDOTB.C84	26	12/14/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 13R	ALDOTD.C84	1.5	01/09/2002	ND	NA	1,000J	ND	ND	1,000J	NA	ND	NA	NA	ND	ND	ND	ND
Loc 13R	ALDOTD.C86	20.5	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 13R	Confirmation	1.5	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 13R	Confirmation	20.5	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 14	ALDOTC.C05	1.5	12/17/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 14	ALDOTC.C06	9	12/17/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 14	ALDOTC.C07	24	12/17/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 14	Confirmation	1.5	12/17/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 15	ALDOTC.C44	16	12/19/2001	ND	NA	6,000J[13]	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 15	Confirmation	15-16	12/19/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 15R	ALDOTD.C39	16	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 15R	Confirmation	16	01/09/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 16	ALDOTC.C15	9	12/17/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 16	ALDOTC.C16	20	12/17/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 17	ALDOTC.C25	9	12/18/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 18	ALDOTC.C42	19.5	12/19/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 19	ALDOTC.C53	3	12/19/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 20	ALDOTC.C65	9	12/20/2001	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 21	ALDOTD.C05	9	01/03/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 22	ALDOTD.C33	9	01/07/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 23	ALDOTD.C79	9	01/09/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 24	ALDOTE.C13	10	01/11/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 25	ALDOTE.C22	9	01/14/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 26	ALDOTD.C17	1.5	01/04/2002	ND	NA	20J	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 26	ALDOTD.C18	9	01/04/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 26	ALDOTD.C19	22.5	01/04/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 26	Confirmation	1.5	01/04/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 27	ALDOTD.C55	3	01/08/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND

Continued on next page

Table 3. Results[1] of volatile organic compounds (VOCs) detected in soil/sediment samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Vinyl Chloride	1, 1 Dichloroethene[4]	Tetrachloroethylene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Trans-1,2-Dichloroethene[6]	Benzene	Toluene	Ethyl Benzene	m,p,o-Xylene
				[Concentrations are in micrograms per kilogram (mg/kg)][7]													
				10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg	10.0 µg/kg
Loc 28	ALDOTD.C51	9	01/08/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 29	ALDOTE.C35	9	01/15/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 30	ALDOTE.C33	9	01/15/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 31	ALDOTF.C37	15.5	01/18/2002	ND	NA	ND	NA	NA	ND	NA	ND	NA	NA	3,600	5,900	800J	4,000J
Loc 32	ALDOTF.C53	18.5	01/21/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 32	Confirmation	18.5	01/21/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 33	ALDOTF.C76	3.5	01/22/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 34	ALDOTG.C06	9	01/23/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 35	ALDOTG.C62	9	01/25/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 36	ALDOTG.C32	9	01/24/2002	ND	NA	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND
Loc 36	Confirmation	9	01/24/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 37	ALDOTI.C42	9	02/27/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 38	Confirmation	9	02/26/2002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 39	ALDOTI.C43	9	02/27/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 40	ALDOTJ.C59	9	03/13/2002	ND	NA	14	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 41	ALDOTJ.C60	9	03/13/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 43	ALDOTJ.C89	9	03/15/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 43	ALDOTK.C17	9	03/19/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 44	ALDOTK.C78	9	03/21/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 45		9	03/26/2002	ND	NA	27	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Loc 46		9	04/02/2002	ND	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND

Note:

[1] All analyses with the exception of the confirmation samples were performed on-site by Plains Environmental Services using GC/FID.

[2] Sample ID: "ALDOT" series ID numbers represent samples analyzed by Plains Environmental Services using a heated head-space method in a mobile laboratory. "Confirmation" and "ADEM Split" IDs represent samples analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[3] ft BLS - feet below land surface

[4] Results for 1,1-Dichloroethene are estimates due to the coelution of 1,1-Dichloroethene and isopropyl alcohol.

[5] Carbon tetrachloride and chloroform were reported as nondetect on the preliminary report. However, carbon tetrachloride and chloroform were not in the list of analytes as the FID detector does not have the capability of detecting these compounds.

[6] Confirmation samples were analyzed for Trans-1,2-Dichloroethene by **TTL**'s fixed laboratory.

[7] All PES samples reported in µg/kg represent soil samples that were analyzed by heated headspace analysis. Approximately four grams of sample was accurately weighed into a 40-mL VOC vial and tightly capped. The vial was heated at 80 degrees Celsius for at least 30 minutes. This technique drives the volatile components from the soil into the headspace. A 1-cc samples of the headspace was then injected into the gas chromatograph for analysis.

[8] A reporting limit of 10.0 micrograms per kilogram (µg/kg) was used to analyze VOCs.

[9] ND - Not detected

[10] NA - Not analyzed

[11] Confirmation samples were analyzed by **TTL** laboratory using a method detection limit of 3.0 micrograms per kilogram (µg/kg).

[12] dup - Duplicate sample collected for quality assurance/quality control purposes.

[13] J - Concentration below calibration curve, but above detection limit.

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)][8]																		
				1.0 µg/l[9]	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 01	ALDOT.C08	24-28	12/3/01	23	NA[10]	NA	ND[11]	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 01	ALDOT.C09	46-50	12/3/01	170	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 01	Confirmation	46-50	12/3/01	347	ND	ND	233	ND	ND	1.7J[12]	ND	4.0J	ND	62.3	ND	1.1J	1.3J	ND	ND	ND	ND	ND
Loc 02	ALDOT.C18	24-27	12/4/01	70	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 02	ALDOT.C20	29-31	12/4/01	400	NA	NA	100J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 02	ALDOT.C22	51-54	12/4/01	10,000J	NA	NA	1,700J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 02 dup[13]	ALDOT.C23	51-54	12/4/01	10,000J	NA	NA	1,500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C82	24-27	1/16/02	480	NA	NA	44	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C80	27-29	1/16/02	720	NA	NA	59	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C78	29-31	1/16/02	540	NA	NA	20	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C75	31-34	1/16/02	1,400	NA	NA	49	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C72	34-38	1/16/02	5,200	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R dup	ALDOTE.C73	34-38	1/16/02	4,200	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C66	38-42	1/16/02	20,000J	NA	NA	590	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C63	42-46	1/16/02	20,000J	NA	NA	2,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C61	46-50	1/16/02	20,000J	NA	NA	3,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 2R	ALDOTE.C59	50-54	1/16/02	20,000J	NA	NA	3,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 03	ALDOT.C32	24-28	12/5/01	380	NA	NA	9	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 03	ALDOT.C33	44.5-48.5	12/5/01	460	NA	NA	300J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 03	Confirmation	44.5-48.5	12/5/01	512	ND	ND	96.4	ND	ND	ND	2.6J	3.6J	ND	21.0	ND	ND	ND	ND	ND	ND	ND	ND
Loc 04	ALDOT.C50	18-21	12/7/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 04	ALDOT.C52	25-28	12/7/01	240	NA	NA	7	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 04	ALDOT.C54	39-43	12/7/01	1,100	NA	NA	500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 04 dup	ALDOT.C55	39-43	12/7/01	1,500	NA	NA	500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 04	Confirmation	39-43	12/7/01	2,050	ND	ND	294	ND	ND	2.7J	ND	7.6J	ND	79.2	ND	1.1J	3.6J	ND	ND	ND	ND	ND
Loc 05	ALDOT.C69	21-24	12/10/01	7	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 05	ALDOT.C74	26-28	12/10/01	130	NA	NA	46	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 05	ALDOT.C80	38-42	12/10/01	430	NA	NA	500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 06	ALDOT.C71	28-32	12/10/01	690	NA	NA	54	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 06	ALDOT.C77	36.5-38.5	12/10/01	10,000J	NA	NA	300J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 06	ALDOT.C79	52-56	12/10/01	10,000J	NA	NA	500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 06	Confirmation	52-56	12/10/01	12,200	ND	ND	474J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND
Loc 06 R	TTL Results[14]	28-32	2/27/02	287	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 06 R	TTL Results	32-36	2/27/02	841	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 06 R	TTL Results	36-40	2/27/02	9,120	ND	ND	91.0J	76.0B[15]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 06 R	TTL Results	40-44	2/27/02	18,800	ND	ND	755J	77.0B	ND	ND	ND	ND	ND	173J	ND	ND	ND	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)][8]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 06 R	TTL Results	44-48	2/27/02	23,400	ND	ND	1,080	76.0B	ND	ND	ND	ND	ND	368J	ND	ND	ND	ND	NA	NA	NA	NA
Loc 06 R	TTL Results	48-52	2/27/02	21,200	ND	ND	849J	80.0B	ND	ND	ND	ND	ND	248J	ND	ND	ND	ND	NA	NA	NA	NA
Loc 06 R dup	Confirmation	48-52	2/27/02	21,300	ND	ND	860J	ND	ND	ND	ND	ND	ND	243J	ND	ND	ND	ND	ND	ND	ND	ND
Loc 06 R	TTL Results	52-56	2/27/02	16,300	ND	ND	462J	77.5B	ND	ND	ND	ND	ND	279J	ND	ND	ND	ND	ND	NA	NA	NA
Loc 07	ALDOT.C89	31-34	12/11/01	280	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 07 dup	ALDOT.C90	31-34	12/11/01	490	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 07	ALDOT.C97	44-48	12/11/01	10,000J	NA	NA	2,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 07	ALDOTB.C06	56-60	12/11/01	7	NA	NA	74	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 08	ALDOT.C93	24.5-28.5	12/11/01	260	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 08	ALDOT.C99	34-38	12/11/01	4,100	NA	NA	100J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 08	ALDOTB.C04	46-50	12/11/01	3,700	NA	NA	500J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 08	ALDOTB.C08	54-58	12/11/01	3	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 09	ALDOTB.C28	26-30	12/12/01	200	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 09	ALDOTB.C34	34-37	12/12/01	10,000J	NA	NA	440	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 09 dup	ALDOTB.C35	34-37	12/12/01	10,000J	NA	NA	250	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 09	ALDOTB.C46	44-48	12/12/01	10,000J	NA	NA	360	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 09	ALDOTB.C50	58.5-62.5	12/12/01	8	NA	NA	5	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C21	26-30	1/17/02	350	NA	NA	4	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C19	30-34	1/17/02	2,900	NA	NA	17	NA	NA	ND	4	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C17	34-38	1/17/02	10,000J	NA	NA	150	NA	NA	ND	4	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C15	38-42	1/17/02	10,000J	NA	NA	110	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C13	42-46	1/17/02	10,000J	NA	NA	390	NA	NA	ND	ND	NA	7	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C11	46-50	1/17/02	20,000J	NA	NA	340	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C08	50-54	1/17/02	280	NA	NA	20	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	ALDOTF.C05	54-58	1/17/02	9,300	NA	NA	80J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 9R	Confirmation	54-58	1/17/02	4,150	ND	ND	69.2J	ND	ND	ND	ND	14.4J	ND	ND	ND	ND	ND	ND	ND	14	ND	3.2
Loc 9R	ALDOTF.C03	58-62	1/17/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 10	ALDOT.C43	25-28	12/6/01	150	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 10	ALDOTB.C20	40-43	12/12/01	10,000J	NA	NA	1,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 10	Confirmation	40-43	12/12/01	11,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 10	ALDOTB.C31	57-61	12/12/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 11	ALDOTB.C42	26.5-30.5	12/12/01	280	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 11	ALDOTB.C48	34-38	12/12/01	3,000	NA	NA	200J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 11	ALDOTB.C52	44-48	12/12/01	1,600	NA	NA	4,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 11	ALDOTB.C71	61-65	12/13/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per liter (µg/l)][8]

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 12	ALDOTB.C67	27-31	12/13/01	1,300	NA	NA	13	NA	NA	ND	7	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 12 dup	ALDOTB.C68	27-31	12/13/01	1,300	NA	NA	14	NA	NA	ND	10	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 12	ALDOTB.C70	36-40	12/13/01	430	NA	NA	100J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 12	Confirmation	36-40	12/13/01	429	ND	ND	4.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND
Loc 12 dup	Confirmation	36-40	12/13/01	410	ND	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 12	ALDOTB.C87	51-55	12/14/01	ND	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 13	ALDOTB.C86	27-31	12/14/01	5,800	NA	NA	20J	NA	NA	ND	10	NA	22	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 13	ALDOTB.C88	36-39	12/14/01	41	NA	NA	10	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 13	ALDOTB.C90	46-50	12/14/01	7	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 13	ALDOTB.C93	52-56	12/14/01	9	NA	NA	1	NA	NA	ND	ND	NA	6	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14	ALDOTC.C09	25-28	12/17/01	6,200	NA	NA	20J	NA	NA	ND	6	NA	20J	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14 dup	ALDOTC.C11	25-28	12/17/01	5,800	NA	NA	20J	NA	NA	ND	7	NA	20J	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14	ALDOTC.C12	42-46	12/17/01	8	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14	ALDOTC.C21	52-56	12/17/01	ND	NA	NA	30J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14	ALDOTC.C79	25-28	12/21/01	2,800	NA	NA	6	NA	NA	ND	4	NA	4	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14 dup	ALDOTC.C81	25-28	12/21/01	2,900	NA	NA	10	NA	NA	ND	6	NA	7	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14	Confirmation	25-28	12/21/01	2,290	ND	ND	7.9J	ND	ND	ND	7.6J	ND	16.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 14R	ALDOTH.C06	24-28	2/21/02	3,700	NA	NA	8	NA	NA	ND	7	ND	15	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C08	28-32	2/21/02	4,200	NA	NA	13	NA	NA	ND	6	ND	14	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C10	32-36	2/21/02	4,300	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C11	36-40	2/21/02	11	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C12	40-44	2/21/02	12	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C13	44-48	2/21/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	Confirmation	44-48	2/21/02	5.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 14R	ALDOTH.C15	48-52	2/21/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 14R	ALDOTH.C16	52-56	2/21/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 15	ALDOTC.C48	28-32	12/19/01	3,400	NA	NA	ND	NA	NA	ND	30J	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 15 Split	TTL Results	28-32	12/19/01	2,260	ND	ND	ND	ND	ND	ND	32.6J	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	ADEM Results	28-32	12/19/01	3,115	6.4	ND	ND	ND	ND	ND	52.0	ND	8.8	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 15	ALDOTC.C52	44-48	12/19/01	120	NA	NA	100J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 15	ALDOTC.C59	53.5-57.5	12/19/01	ND	NA	NA	6	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 15 dup	ALDOTC.C60	53.5-57.5	12/19/01	ND	NA	NA	8	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 16	ALDOTC.C14	25.5-29.5	12/17/01	190	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 16	ALDOTC.C29	47-51	12/18/01	ND	NA	NA	30J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 16	ALDOTC.C31	53-57	12/18/01	ND	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 16 dup	ALDOTC.C32	53-57	12/18/01	ND	NA	NA	8	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 16	ALDOTC.C36	59-63	12/18/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per liter (µg/l)][8]

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 17	ALDOTC.C27	27-31	12/18/01	150	NA	NA	ND	NA	NA	ND	24	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 17	ALDOTC.C30	38-42	12/18/01	180	NA	NA	ND	NA	NA	ND	4	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 17	ALDOTC.C33	56.5-60.5	12/18/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 17	Confirmation	56.5-60.5	12/18/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND
Loc 18	ALDOTC.C46	28-32	12/19/01	120	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 18	ALDOTC.C50	48-52	12/19/01	760	NA	NA	5	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 18	Confirmation	48-52	12/19/01	902	ND	ND	5.1J	1.6J	1.6J	1.6J	3.1J	2.3J	ND	ND	ND	ND	ND	ND	ND	6.7	ND	ND
Loc 18	ALDOTC.C73	63-67	12/20/01	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 19	ALDOTC.C57	28-32	12/19/01	460	NA	NA	8	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 19	ALDOTC.C85	52-56	12/21/01	360	NA	NA	20J	NA	NA	ND	9	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 19	ALDOTC.C86	66-70	12/21/01	6	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 20	ALDOTC.C66	22.5-26.5	12/20/01	13	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 20	ALDOTC.C67	32-36	12/20/01	21	NA	NA	9	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 20	ALDOTC.C69	46-50	12/20/01	220	NA	NA	24	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 20	ALDOTC.C72	54-58	12/20/01	22	NA	NA	6	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 21	ALDOTD.C00	26-30	1/3/02	200J	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 21	ALDOTD.C10	44-48	1/3/02	1,500	NA	NA	6,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 21	ALDOTD.C36	44-48	1/7/02	9,700	NA	NA	1,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 21	Confirmation	44-48	1/7/02	5,230	ND	ND	484	ND	ND	ND	ND	11.0J	ND	133J	ND	ND	ND	ND	ND	ND	ND	ND
Loc 21	ALDOTD.C38	56-60	1/7/02	4,900	NA	NA	1,000J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 22	ALDOTD.C34	28-32	1/7/02	31	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 22	ALDOTD.C40	33-36	1/7/02	540	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 22	ALDOTD.C45	56-60	1/7/02	1,000J	NA	NA	400J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	28-32	2/22/02	15.2J	ND	ND	ND	2.0B	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	32-36	2/22/02	194	ND	ND	1.3J	2.1B	ND	ND	ND	4.4J	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	36-40	2/22/02	1,260	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	40-44	2/22/02	1,910	ND	ND	ND	26.2B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	44-48	2/22/02	4,070	ND	ND	143J	51.0B	ND	ND	ND	ND	ND	82.8J	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	48-52	2/22/02	376	ND	ND	213	5.8B	ND	ND	ND	5.1J	ND	52.2	ND	2.5J	ND	ND	ND	NA	NA	NA
Loc 22 R	TTL Results	52-56	2/27/02	971	ND	ND	170	11.5B	ND	ND	ND	ND	ND	48.0J	ND	ND	ND	ND	ND	NA	NA	NA
Loc 22 R dup	Confirmation	52-56	2/22/02	922	ND	ND	193	ND	ND	ND	ND	ND	ND	47.6J	ND	ND	ND	ND	ND	ND	ND	ND
Loc 22 R	TTL Results	56-60	2/22/02	99.3	ND	ND	121	1.7B	ND	ND	ND	2.5J	ND	26.6	ND	1.2J	ND	ND	ND	NA	NA	NA
Loc 23	ALDOTD.C81	23-27	1/9/02	1,000	NA	NA	5	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23	ALDOTD.C88	37-41	1/9/02	54	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23	ALDOTE.C05	50-54	1/10/02	33	NA	NA	7	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23	ALDOTE.C06	60-64	1/10/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[5]	1, 2 Dichloroethane[5]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				{Concentrations are in micrograms per liter (µg/l)}																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 23R	ALDOTH.C23	23-27	2/21/02	1,200	NA	NA	10J	NA	NA	ND	ND	ND	9	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C25	27-31	2/21/02	4,900	NA	NA	30J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R dup	ALDOTH.C26	27-31	2/21/02	5,400	NA	NA	30J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C29	31-35	2/21/02	4,100	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C30	36-39	2/21/02	30	NA	NA	2	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C54	40-44	2/26/02	46	NA	NA	7	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C55	44-48	2/26/02	5	NA	NA	10J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C56	48-52	2/26/02	49	NA	NA	9J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C57	52-56	2/26/02	13	NA	NA	2	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	ALDOTH.C58	56-60	2/26/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 23R	Confirmation	56-60	2/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 23R	ALDOTH.C61	60-64	2/26/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24	ALDOTE.C12	26.5-30.5	1/11/02	1,000	NA	NA	4	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24	ALDOTE.C14	42-46	1/11/02	20	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24	Confirmation	42-46	1/11/02	31	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24	ALDOTE.C17	59-63	1/11/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C18	26-30	3/6/02	3,500	NA	NA	10J	NA	NA	6	ND	5	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C19	30-34	3/6/02	9	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C20	34-38	3/6/02	21	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	Confirmation	34-38	3/6/02	43.5	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24R	ALDOTJ.C21	38-42	3/6/02	23	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C22	42-46	3/6/02	30	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C23	46-50	3/6/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C26	50-54	3/6/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C24	54-58	3/6/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 24R	ALDOTJ.C25	58-62	3/6/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25	ALDOTE.C23	28-32	1/14/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25	ALDOTE.C24	39.5-43.5	1/14/02	8	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25 dup	ALDOTE.C25	39.5-43.5	1/14/02	8	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25	ALDOTE.C76	58-62	1/16/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C01	28-32	3/5/02	5	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	28-32	3/5/02	6.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C02	32-36	3/5/02	33	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	32-36	3/5/02	62.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C03	36-40	3/5/02	10	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	36-40	3/5/02	19.9J	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[5]	1, 2 Dichloroethane[5]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 25R	ALDOTJ.C04	40-44	3/5/02	6	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	40-44	3/5/02	10.1J	ND	ND	ND	ND	ND	ND	2.6J	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C06	44-48	3/5/02	5	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	44-48	3/5/02	8.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C09	48-52	3/5/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	48-52	3/5/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 25R	ALDOTJ.C08	52-56	3/5/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	52-56	3/5/02	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 25R	ALDOTJ.C07	58-62	3/5/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 25R	Confirmation	58-62	3/5/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 26	ALDOTD.C20	23.5-27.5	1/4/02	50	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 26 dup	ALDOTD.C21	23.5-27.5	1/4/02	49	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 26	ALDOTD.C22	34-38	1/4/02	200J	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 26	ALDOTD.C27	45-49	1/4/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 27	ALDOTD.C57	27.5-31.5	1/8/02	210	NA	NA	100J	NA	NA	ND	8	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 27	ALDOTD.C60	35-39	1/8/02	250	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 27	ALDOTD.C69	60-64	1/8/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 28	ALDOTD.C53	24-28	1/8/02	320	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 28 dup	ALDOTD.C54	24-28	1/8/02	270	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 28	Confirmation	28-32	1/8/02	309	ND	ND	ND	ND	ND	1.3J	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 28	ALDOTD.C62	40-44	1/8/02	6,200	NA	NA	70J	NA	NA	ND	7	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 28	ALDOTD.C68	51-55	1/8/02	580	NA	NA	70J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29	ALDOTE.C37	25.5-29.5	1/15/02	230	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29	ALDOTE.C42	38.5-42.5	1/15/02	220	NA	NA	200J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29	ALDOTE.C52	56.5-60.5	1/15/02	ND	NA	NA	70J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C21	25-29	2/27/02	96	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C23	29-33	2/27/02	110	NA	NA	2	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C26	33-37	2/27/02	440	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C28	37-41	2/27/02	400	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	Confirmation	37-41	2/27/02	630	ND	ND	111	ND	ND	ND	ND	3.3J	ND	36.7J	ND	ND	ND	ND	ND	ND	ND	ND
Loc 29R	ALDOTI.C30	41-45	2/27/02	13	NA	NA	63	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C31	45-49	2/27/02	20	NA	NA	360	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R dup	ALDOTI.C32	45-49	2/27/02	20	NA	NA	330	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C38	49-53	2/27/02	7	NA	NA	200J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C40	53-57	2/27/02	2	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 29R	ALDOTI.C41	56-60	2/27/02	ND	NA	NA	4	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 30	ALDOTE.C34	18-22	1/15/02	90	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30	ALDOTE.C40	24-25.5	1/15/02	270	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30	Confirmation	24-25.5	1/15/02	336	ND	ND	10.6J	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 30	ALDOTE.C44	27.5-31.5	1/15/02	3,500	NA	NA	300J	NA	NA	ND	ND	NA	7	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30	ALDOTE.C50	40-44	1/15/02	390	NA	NA	400J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C62	18-22	2/26/02	38	NA	NA	2	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C64	22-26	2/26/02	300	NA	NA	23	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C66	26-28	2/26/02	330	NA	NA	28	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C68	32-36	2/26/02	340	NA	NA	200J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C70	36-40	2/26/02	1,200	NA	NA	300J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R dup	ALDOTH.C71	36-40	2/26/02	1,500	NA	NA	400J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	ALDOTH.C76	40-44	2/26/02	190	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 30R	Confirmation	40-44	2/26/02	549J	ND	ND	186	2.1B	ND	ND	ND	4.0J	ND	50.4	ND	1.2J	1.7J	ND	ND	ND	ND	ND
Loc 31	ALDOTF.C33	22-26	1/18/02	540	NA	NA	40J	NA	NA	52	90	NA	ND	NA	21	ND	NA	ND	ND	NA	NA	NA
Loc 31	Confirmation	22-26	1/18/02	883	ND	ND	1.9J	ND	ND	ND	43	3.4J	ND	ND	16.9J	ND	2.2J	ND	28.8J[16]	ND	ND	ND
Loc 31	ALDOTF.C35	26-30	1/18/02	500	NA	NA	5	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 31	ALDOTF.C41	30-34	1/18/02	220	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 31	ALDOTF.C42	34-38	1/18/02	14	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 31	ALDOTF.C43	38-42	1/18/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 31	ALDOTF.C44	42-46	1/18/02	9	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 31	Confirmation	42-46	1/18/02	9.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 31	ALDOTF.C48	46-49.5	1/18/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C55	26-30	1/21/02	190	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32 dup	ALDOTF.C56	26-30	1/21/02	250	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C58	30-34	1/21/02	590	NA	NA	4	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C60	34-38	1/21/02	820	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C62	38-42	1/21/02	580	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C63	42-46	1/21/02	45	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C64	46-50	1/21/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C67	50-54	1/21/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C68	54-58	1/21/02	7	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C69	58-62	1/21/02	22	NA	NA	3	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 32	ALDOTF.C72	62-66	1/21/02	11	NA	NA	2	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C77	18-22	1/22/02	6	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C78	22-26	1/22/02	51	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C80	26-30	1/22/02	280	NA	NA	12	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C83	30-34	1/22/02	800	NA	NA	100J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per liter (µg/l)]

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 33	ALDOTF.C85	34-38	1/22/02	130	NA	NA	70J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C86	38-42	1/22/02	13	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33 dup	ALDOTF.C87	38-42	1/22/02	9	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	ALDOTF.C88	42-46	1/22/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 33	Confirmation	42-46	1/22/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 34	ALDOTG.C07	12-16	1/23/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C08	16-20	1/23/02	11	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C09	20-24	1/23/02	280J	NA	NA	40J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	Confirmation	20-24	1/23/02	468	ND	ND	34	ND	ND	ND	ND	1.4J	ND	7.9J	ND	ND	ND	ND	ND	2.3	ND	ND
Loc 34	ALDOTG.C13	24-28	1/23/02	310	NA	NA	50J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C16	28-32	1/23/02	360	NA	NA	50J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C20	32-36	1/23/02	410	NA	NA	70J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34 dup	ALDOTG.C21	32-36	1/23/02	430	NA	NA	70J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C22	36-40	1/23/02	56	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C23	40-44	1/23/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 34	ALDOTG.C26	44-48	1/23/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C63	16-20	1/25/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C64	20-24	1/25/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C66	24-28	1/25/02	50	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	Confirmation	24-28	1/25/02	85.8	ND	ND	2.9J	ND	ND	ND	ND	6.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 35	ALDOTG.C67	28-32	1/25/02	130	NA	NA	8	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C69	32-36	1/25/02	240	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C71	36-40	1/25/02	340	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C73	40-44	1/25/02	380	NA	NA	40J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 35	ALDOTG.C74	44-48	1/25/02	410	NA	NA	60J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C33	18-22	1/24/02	89	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C36	22-26	1/24/02	220	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	Confirmation	22-26	1/24/02	496	ND	ND	5.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 36	ALDOTG.C40	26-30	1/24/02	480	NA	NA	20J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C42	30-34	1/24/02	390	NA	NA	50J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C44	34-38	1/24/02	270	NA	NA	30J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C45	38-42	1/24/02	80	NA	NA	30J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C47	42-46	1/24/02	220	NA	NA	60J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C50	46-50	1/24/02	19	NA	NA	10J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36 dup	ALDOTG.C51	46-50	1/24/02	2	NA	NA	1	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C52	50-54	1/24/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 36	ALDOTG.C53	56-60	1/24/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 37	ALDOTH.C77	18-22	2/26/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 37	ALDOTH.C78	22-26	2/26/02	31	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 37	ALDOTI.C10	26-30	2/27/02	200	NA	NA	6	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 37	ALDOTI.C12	30-34	2/27/02	270	NA	NA	30	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 37	ALDOTI.C15	34-38	2/27/02	160	NA	NA	200J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 37	ALDOTI.C17	38-42	2/27/02	100	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 38	TTL Results	20-24	2/26/02	259	ND	ND	2.3J	1.7B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 38	TTL Results	24-28	2/26/02	515	ND	ND	8.7J	5.3B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 38	TTL Results	28-32	2/26/02	746	ND	ND	14.1J	7.5B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
Loc 38	TTL Results	32-36	2/26/02	237	ND	ND	39.0	ND	ND	ND	ND	1.2J	ND	9.3J	ND	ND	ND	ND	ND	NA	NA	NA
Loc 38	TTL Results	36-40	2/26/02	1,300	ND	ND	498	ND	ND	ND	ND	7.2J	ND	115	ND	ND	5.4J	ND	ND	NA	NA	NA
Loc 38	TTL Results	40-43	2/26/02	762	ND	ND	276	ND	ND	ND	ND	ND	ND	72.6J	ND	ND	ND		ND	NA	NA	NA
Loc 39	ALDOTI.C46	12-16	2/27/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 39	ALDOTI.C48	16-20	2/27/02	250	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 39	ALDOTI.C50	20-24	2/27/02	700	NA	NA	3	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 39	ALDOTI.C52	24-28	2/27/02	720	NA	NA	4	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C38	28-32	3/8/02	12	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 40 dup	ALDOTJ.C41	28-32	3/8/02	16	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C40	32-36	3/8/02	220	NA	NA	7	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C43	36-40	3/8/02	2,700	NA	NA	90J	NA	NA	ND	ND	ND	ND	NA	ND	10J	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C45	40-44	3/8/02	4,400	NA	NA	270	NA	NA	ND	ND	ND	ND	NA	ND	30J	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C47	44-48	3/8/02	370	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	10J	NA	ND	ND	NA	NA	NA
Loc 40	ALDOTJ.C51	48-52	3/8/02	29	NA	NA	100J	NA	NA	ND	ND	ND	ND	NA	ND	7	NA	ND	ND	NA	NA	NA
Loc 40	Confirmation	48-52	3/8/02	67.8	ND	ND	112	ND	ND	ND	ND	2.2J	ND	24.2	ND	ND	ND	ND	ND	ND	ND	ND
Loc 40	ALDOTJ.C49	52-56	3/8/02	ND	NA	NA	42	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C61	20-24	3/13/02	10	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C62	24-28	3/13/02	29	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C64	28-32	3/13/02	240	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41 dup	ALDOTJ.C68	28-32	3/13/02	200	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C66	32-36	3/13/02	610	NA	NA	10J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C70	36-40	3/13/02	780	NA	NA	10J	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	Confirmation	36-40	3/13/02	1,440	ND	ND	15.6J	ND	ND	ND	ND	2.5J	ND	ND	ND	ND	ND	ND	ND	3	ND	ND
Loc 41	ALDOTJ.C72	40-44	3/13/02	2,600	NA	NA	30J	NA	NA	ND	3	ND	ND	NA	ND	4	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C74	44-48	3/13/02	3,400	NA	NA	40J	NA	NA	ND	4	ND	ND	NA	ND	5	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C78	48-52	3/13/02	740	NA	NA	27	NA	NA	ND	ND	ND	ND	NA	ND	5	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C79	52-56	3/13/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 41	ALDOTJ.C80	56-60	3/13/02	8	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 42	ALDOTK.C55	20-24	3/21/02	400	NA	NA	3	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C57	24-28	3/21/02	2,100	NA	NA	8	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C59	28-32	3/21/02	530	NA	NA	2	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C61	32-36	3/21/02	110	NA	NA	2	NA	NA	ND	5	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C63	36-40	3/21/02	150	NA	NA	2	NA	NA	ND	6	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C65	40-44	3/21/02	120	NA	NA	ND	NA	NA	ND	8	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C66	44-48	3/21/02	85	NA	NA	ND	NA	NA	ND	6	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42 dup	ALDOTK.C67	44-48	3/21/02	72	NA	NA	ND	NA	NA	ND	6	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	Confirmation	44-48	3/21/02	154	ND	ND	1.6J	ND	ND	ND	8.9J	ND	ND	ND	ND	ND	ND	1.8J	ND	ND	ND	ND
Loc 42	ALDOTK.C71	48-52	3/21/02	250	NA	NA	ND	NA	NA	ND	8	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C73	52-56	3/21/02	320	NA	NA	5	NA	NA	ND	10J	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C75	56-60	3/21/02	200	NA	NA	3	NA	NA	ND	4	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C76	60-64	3/21/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 42	ALDOTK.C77	64-68	3/21/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C90	28-32	3/15/02	75	NA	NA	4	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C92	32-36	3/15/02	180	NA	NA	18	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 43 dup	ALDOTJ.C95	32-36	3/15/02	190	NA	NA	15	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C94	36-40	3/15/02	140	NA	NA	36	NA	NA	ND	ND	ND	ND	NA	ND	5	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C97	40-44	3/15/02	160	NA	NA	60J	NA	NA	ND	ND	ND	ND	NA	ND	9J	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C99	44-48	3/15/02	55	NA	NA	70J	NA	NA	ND	ND	ND	ND	NA	ND	5	NA	ND	ND	NA	NA	NA
Loc 43	Confirmation	44-48	3/15/02	131	ND	ND	66.3	ND	ND	1.0J	ND	2.3J	ND	24.6	ND	ND	ND	ND	ND	ND	ND	ND
Loc 43	ALDOTJ.C02	46-50	3/15/02	42	NA	NA	90J	NA	NA	ND	ND	ND	ND	NA	ND	6	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C05	50-54	3/15/02	7	NA	NA	6	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 43	ALDOTJ.C04	54-58	3/15/02	8	NA	NA	24	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene[4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform[5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride[5]	Benzene[6]	1, 2 Dichloroethane[6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane[7]	Ethane[7]	Ethene[7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 44	ALDOTK.C87	20-24	3/22/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	ALDOTK.C88	24-28	3/22/02	8	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	ALDOTK.C89	28-32	3/22/02	29	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	ALDOTK.C91	32-36	3/22/02	110	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	ALDOTK.C93	36-40	3/22/02	240	NA	NA	7	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	ALDOTK.C95	40-44	3/22/02	450	NA	NA	15	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 44	Confirmation	40-44	3/22/02	1,020	ND	ND	15.8J	ND	ND	ND	2.5J	3.9J	ND	5.7J	ND	ND	ND	ND	ND	ND	ND	ND
Loc 44	ALDOTK.C97	45-49	3/22/02	900J	NA	NA	20J	NA	NA	ND	2	ND	ND	NA	ND	2	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C06	20-24	4/1/02	220	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C09	24-28	4/1/02	560	NA	NA	3	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C12	28-32	4/1/02	230	NA	NA	ND	NA	NA	ND	3	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C14	32-36	4/1/02	960	NA	NA	8	NA	NA	ND	3	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C16	36-40	4/1/02	1100	NA	NA	16	NA	NA	ND	3	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C25	40-44	4/2/02	1000	NA	NA	10J	NA	NA	ND	3	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C27	44-48	4/2/02	510	NA	NA	7	NA	NA	ND	2	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C29	48-52	4/2/02	660	NA	NA	5	NA	NA	ND	2	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C30	52-56	4/2/02	12	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45 dup	ALDOTL.C31	52-56	4/2/02	10	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	Confirmation	52-56	4/1/02	19.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Loc 45	ALDOTL.C32	56-60	4/2/02	45	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C33	60-64	4/2/02	7	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C34	64-68	4/2/02	4	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA
Loc 45	ALDOTL.C35	68-72	4/2/02	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	NA	ND	ND	NA	NA	NA

Continued on next page

Table 4. Results[1] of volatile organic compounds (VOCs) detected in ground-water samples from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probeholes	Sample ID[2]	Depth of Sample (ft. BLS)[3]	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	1, 1 Dichloroethene [4]	Methylene Chloride	Trans-1,2-Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform [5]	1, 1, 1-Trichloroethane	Carbon Tetrachloride [5]	Benzene [6]	1, 2 Dichloroethane [6]	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes	Methane [7]	Ethane [7]	Ethene [7]
				[Concentrations are in micrograms per liter (µg/l)]																		
				1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l	1.0 µg/l
Loc 46	ALDOTL.C43	22-26	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C44	26-30	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C45	30-34	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C46	34-38	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C47	38-42	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C54	43-47	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C53	47-51	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C52	51-55	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	Confirmation	51-55	4/3/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	ALDOTL.C51	55-59	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C49	59-63	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
Loc 46	ALDOTL.C48	63-67	4/3/02	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes:

[1] All analyses with the exceptin of the confirmation samples were performed on-site by Plains Environmental Services using GC/FID.

[2] Sample ID: "ALDOT" series ID numbers represent samples analyzed by Plains Environmental Services using a heated head-space method in a mobile laboratory. "Confirmation" IDs represent samples analyzed by TTL, Inc. in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

[3] ft BLS - feet below land surface

[4] Results for 1,1-Dichloroethene are estimates due to the coelution of 1,1-Dichloroethene and isopropyl alcohol.

[5] Carbon tetrachloride and chloroform were reported as nondetect on the preliminary report. However, carbon tetrachloride and chloroform were not in the list of analytes as the FID detector does not have the capability of detecting these compounds.

[6] Results for Benzene and 1,2-Dichloroethane are estimates due to the coelution of Benzene and 1,2-Dichloroethane.

[7] Methane, Ethane, and Ethene analyses conducted only on confirmation samples. Samples analyzed by Severn Trent Laboratories in accordance with Method RSK-175.

[8] All PES samples reported in µg/l represent ground-water samples that were analyzed by heated headspace analysis. A 40-ml VOC vial was half-filled with sample and tightly capped. The vial was heated at 80 Celsius for at least 30 minutes. This technique drives the volatile components from the aqueous material into the headspace. A 1-cc sample of the headspace was then injected into the gas chromatograph for analysis.

[9] A reporting limit of 1.0 micrograms per liter (µg/L) was used to analyze the VOCs.

[10] NA - Not analyzed by field lab

[11] ND - Not detected

[12] J - Concentration below calibration curve, but above detection limit

[13] dup - Duplicate sample collected for quality assurance/quality control purposes.

[14] Ground-water samples collected from locations 6R, 22R, and 38 were analyzed by TTL because the field lab was down.

[15] B - compound of interest was found above the detection limit concentration in a laboratory blank sample.

[16] TTL's fixed lab separated the isomers; M,P-Xylene = 7.5 and O-Xylene = 21.3.

Table 5. Field parameters[1] (temperature, conductivity, dissolved oxygen, pH, and redox potential) for split ground-water samples collected from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole Locations	Depth (ft BLS[2])	Sampling Date	Temperature (°C)	Conductivity (mg/m)	Dissolved Oxygen (mg/l)	pH (s.u.)	Redox (mv)
1	46-50	12/3/01	21.70	122	3.42	4.86	501
3	44.5-48.5	12/5/01	22.76	71.0	2.57	5.41	278
4	39-43	12/7/01	21.40	95.0	1.83	5.12	256
6	52-56	12/10/01	20.15	82.4	2.80	5.37	558
6R	48-52	2/27/02	17.98	101	2.73	5.03	639
10	40-43	12/12/01	19.56	69.8	4.52	5.47	550
12	36-40	12/13/01	22.67	55.7	4.43	5.26	130
14	25-28	12/21/01	20.79	38.0	2.95	5.75	441
14R	44-48	2/20/02	21.78	48.5	4.07	5.27	510
17	56.5-60.5	12/18/01	20.80	37.0	1.09	5.25	210
18	48-52	12/19/01	22.76	82.0	1.72	5.70	170
9R	54-58	1/17/02	21.49	57.0	2.36	5.47	203
21	44-48	1/7/02	21.52	100	2.24	5.11	206
24	42-46	1/11/02	21.71	73.0	2.17	5.34	35.0
28	28-32	1/8/02	20.59	63.0	1.65	4.67	218
30	24-25.5	1/15/02	20.50	79.0	2.56	4.93	252
30R	40-44	2/22/02	20.10	141.2	3.97	5.26	620
31	22-26	1/18/02	20.98	48.0	2.26	6.04	313
31	42-46	1/18/02	20.30	51.0	2.65	7.50	161
33	42-46	1/22/02	21.40	86.0	3.02	5.28	229

Continued on next page

Table 5. Field parameters[1] (temperature, conductivity, dissolved oxygen, pH, and redox potential) for split ground-water samples collected from probeholes; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole Locations	Depth (ft BLS[2])	Sampling Date	Temperature (°C)	Conductivity (mg/m)	Dissolved Oxygen (mg/l)	pH (s.u.)	Redox (mv)
34	20-24	1/23/02	21.98	65.0	2.86	5.09	216
35	24-28	1/25/02	21.07	54.0	2.98	4.94	490
36	22-26	1/24/02	23.22	54.0	3.41	4.84	223
23R	56-60	2/21/02	22.65	31.7	3.16	5.72	285
29R	37-41	2/26/02	19.80	146.4	3.94	5.33	517
22R	52-56	2/27/02	20.15	164.0	3.53	4.82	640
40	48-52	3/8/02	22.00	0.290	2.51	5.32	70.1
41	36-40	3/13/02	20.58	75.0	3.15	5.42	28
42	44-48	3/21/02	20.33	67.0	2.57	5.09	-75.8
43	44-48	3/15/02	21.26	191.0	2.45	5.44	163
44	40-44	3/27/02	18.33	101.0	2.32	5.49	74.7
45	52-56	4/1/02	20.52	76.0	2.19	5.04	-13.9
46	51-55	4/3/02	21.94	52.0	1.75	5.22	-37.6

Notes:
[1] All of the natural attenuation parameteres were measured with a Hydro-lab multi-parameter meter.
[2] Ft BLS - Feet below land surface

Table 6. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, and iron in split ground-water samples from probeholes; Investigation Report of Probehole 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole Location	Sample Date	Depth of Sample (ft BLS)[2]	Total Alkalinity, mg $CaCo_3$/L	Chloride, mg/L as Cl	Nitrate, mg NO_3-N/L	Nitrite, mg NO_2-N/L	Sulfate, mg/L as SO_4	Iron, mg/L as Fe
1	12/3/01	46-50	2.1	11.7	8.48	<0.10	<0.50	42.5
3	12/5/01	44.5-48.5	7.7	3.65	4.14	<0.10	<0.50	2.45
4	12/7/01	39-43	8.6	6.73	5.87	<0.10	1.68	3.4
6	12/10/01	52-56	25.5	7.47	3.26	<0.10	0.81	94.6
10	12/12/01	40-43	38.9	7.43	2.73	<0.10	1.41	22.5
12	12/13/01	36-40	8	4.09	2.54	<0.10	<0.50	6.02
12 dup[3]	12/13/01	36-40	7.8	4.20	2.67	<0.10	<0.50	5.3
14	12/21/01	25-28	<1.0	5.00	1.07	<0.10	0.38	1.00
17	12/18/01	56.5-60.5	7.1	2.94	0.98	<0.10	1.30	27.8
18	12/19/01	48-52	29.6	3.85	1.88	<0.10	<0.50	37.0
21	1/7/02	44-48	14.3	12.0	5.21	<0.10	<0.50	6.91
24	1/11/02	42-46	17.6	3.88	3.37	<0.10	0.65	31.0
28	1/8/02	28-32	<1.0	7.07	3.15	<0.10	0.60	2.42
30	1/15/02	24-25.5	<1.0	12.5	2.26	<0.10	3.72	6.41
9R	1/17/02	54-58	30.5	5.12	1.55	<0.10	1.11	437
31	1/18/02	22-26	2.1	6.15	1.64	<0.10	<0.50	7.97
31	1/18/02	42-46	2.8	3.08	3.23	<0.10	<0.50	5.65
33	1/22/02	42-46	2.7	5.95	6.98	<0.10	<0.50	5.25
34	1/23/02	20-24	2.2	10.7	2.57	<0.10	0.19	3.73
35	1/25/02	24-28	1.2	9.89	1.42	<0.10	<0.50	2.32
36	1/24/02	22-26	<1.0	6.24	2.74	<0.10	<0.50	2.01
14R	2/20/02	44-48	8.5	4.30	2.32	<0.10	<0.50	26.2
23R	2/21/02	56-60	7.9	1.73	<0.10	<0.10	2.18	6.84
24R	3/6/02	34-38	7.1	4.30	1.56	<0.10	<0.50	11.4
25R	3/5/02	48-52	8.1	3.47	2.00	<0.10	<0.50	5.30
40	3/8/02	48-52	7.2	28.1	26.20	<0.10	<0.50	5.92
41	3/13/02	36-40	7.2	9.80	4.05	<0.10	<0.50	6.99
42	3/21/02	44-48	<1.0	7.28	3.03	<0.10	5.25	2.41

Continued on next page

Table 6. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, and iron in split ground-water samples from probeholes; Investigation Report of Probehole 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

Probehole Location	Sample Date	Depth of Sample (ft BLS)[2]	Total Alkalinity, mg $CaCo_3$/L	Chloride, mg/L as Cl	Nitrate, mg NO_3-N/L	Nitrite, mg NO_2-N/L	Sulfate, mg/L as SO_4	Iron, mg/L as Fe
43	3/15/02	44-48	5.6	20.6	15.7	<0.10	<0.50	36.8
44	3/22/02	40-44	10.6	8.99	8.30	<0.10	<0.50	16.6
45	4/1/02	52-56	3.8	5.05	6.53	<0.10	<0.50	7.16
46	4/3/02	51-55	6.0	4.29	3.35	<0.10	<0.50	9.58

Notes:

[1] The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

[2] Ft BLS - Feet below land surface

[3] Dup - Duplicate sample for quality assurance/quality control

Table 7. Results of analyses for volatile organic compounds (VOCs) detected in ground-water samples from CMT (continuous multi-channel tubing) wells #1 and #2 adjacent to probehole locations 2R and 9R, respectively; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per liter (µg/l)]

Boring ID	Sample ID[1]	Screened Interval	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	Methylene Chloride	1, 1 Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform	1, 1, 1-Trichloroethane	Carbon Tetrachloride	Benzene	1, 2 Dichloroethane	Bromodichloromethane	Toulene	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes
				1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]
CMT-1[3]	Port 5	29.2-29.5	2/21/02	100	NA	ND	NA	1,500J	ND	ND	ND	18J	ND	ND	ND	NA	ND	NA	NA	ND
CMT-1	Port 5		4/5/02	350J	ND	ND	1.8B	5.2J	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 5		5/6/02	192	ND	ND	ND	3.8J	ND	ND	7.9J	ND	ND	ND	ND	ND	2.4J	ND	ND	ND
CMT-1	Port 4	31.6-31.9	2/21/02	NS[4]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CMT-1	Port 3	35.3-35.6	2/21/02	850	NA[5]	ND	NA	20,000J	ND	ND	ND	23J	ND	ND	ND	NA	ND	NA	NA	ND
CMT-1	Port 3		4/5/02	2,210	ND	ND	10.4B	40.5J	ND	ND	22.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 3		5/6/02	1,220	ND	ND	ND	33.4J	ND	ND	38.7J	ND	ND	ND	ND	ND	3.5J	ND	ND	ND
CMT-1	Port 2	39.3-39.6	2/21/02	84.2	ND	ND	ND	5.4J	ND	ND	57.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 2		4/4/02	2,390	ND	ND	12.0B	117	ND	ND	33.1J	ND	15.1J	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 2		5/6/02	1,720	ND	ND	ND	95.1	ND	ND	42.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 1	43.1-43.4	2/21/02	304	ND[6]	ND	ND	35.9	ND	ND	61.1	ND	ND	ND	ND	ND	1.0J[7]	ND	ND	ND
CMT-1	Port 1		4/4/02	4,790	ND	ND	26.1B[8]	412	ND	ND	49.0J	ND	43.7J	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 1		5/6/02	2,590	ND	ND	ND	379	ND	ND	65.9J	ND	ND	ND	ND	ND	ND	5.8J	ND	ND
CMT-1	Port 6	47.4-47.7	2/21/02	157	ND	ND	ND	27.0	ND	ND	54.7	ND	ND	ND	ND	2.7J	ND	ND	ND	ND
CMT-1	Port 6		4/5/02	6,790	ND	ND	24.3B	860	ND	ND	43.1J	ND	150J	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 6		5/6/02	4,810	ND	ND	ND	845	ND	ND	69.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 7	51.5	2/21/02	585	ND	ND	ND	77.2	ND	ND	58.1	ND	14.8J	ND	ND	3.3J	ND	ND	ND	ND
CMT-1	Port 7	center	4/5/02	6,430	ND	ND	23.6B	900	ND	ND	25.4J	ND	166J	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 7		5/6/02	4,940	ND	ND	ND	942	ND	ND	48.8	ND	104J	ND	ND	ND	ND	ND	ND	ND
LOC 2R	ALDOTE.C82[9]	24-27	1/16/02	480	NA	NA	NA	44	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE. C80	27-29	1/16/02	720	NA	NA	NA	59	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C78	29-31	1/16/02	540	NA	NA	NA	20	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C75	31-34	1/16/02	1,400	NA	NA	NA	49	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C72	34-38	1/16/02	5,200	NA	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R dup[10]	ALDOTE.C73	34-38	1/16/02	4,200	NA	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C66	38-42	1/16/02	20,000J	NA	NA	NA	590	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C63	42-46	1/16/02	20,000J	NA	NA	NA	2,000J	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C61	46-50	1/16/02	20,000J	NA	NA	NA	3,000J	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND
LOC 2R	ALDOTE.C59	50-54	1/16/02	20,000J	NA	NA	NA	3,000J	ND	ND	NA	ND	NA	ND	ND	NA	NA	NA	ND	ND

Continued on next page

Table 7. Results of analyses for volatile organic compounds (VOCs) detected in ground-water samples from CMT (continuous multi-channel tubing) wells #1 and #2 adjacent to probehole locations 2R and 9R, respectively; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

[Concentrations are in micrograms per liter (µg/l)]

Boring ID	Sample ID[1]	Screened Interval	Sample Date	Trichloroethylene	Chloromethane	Vinyl Chloride	Methylene Chloride	1, 1 Dichloroethene	1, 1 Dichloroethane	cis-1,2-Dichloroethene	Chloroform	1, 1, 1-Trichloroethane	Carbon Tetrachloride	Benzene	1, 2 Dichloroethane	Bromodichloromethane	Toulene	1, 1, 2 Trichloroethane	Tetrachloroethylene	M,P,O-Xylenes
				1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]	1.0 µg/l[2]
CMT-2[11]	Port 1	32.3-32.6	2/21/02	1.4J	ND	ND	ND	ND	ND	35.4	ND	ND	ND	ND	1.4J	1.7J	ND	ND	ND	ND
CMT-2	Port 1		5/6/02	787	ND	ND	ND	11.6J	ND	ND	29.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-2	Port 2	40.3-40.6	2/21/02	1.9J	ND	ND	ND	ND	ND	26.2	ND	ND	ND	ND	3.4J	ND	ND	ND	ND	ND
CMT-2	Port 2		5/6/02	4,090	ND	ND	ND	68.5J	ND	ND	18.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-2	Port 3	44.3-44.6	2/21/02	5.6J	ND	ND	ND	ND	ND	43.5	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND
CMT-2	Port 3		5/6/02	2,770	ND	ND	ND	72.8J	ND	ND	25.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-2	Port 4	48.4-48.7	2/21/02	1.7J	ND	ND	ND	ND	ND	42.8	ND	ND	ND	ND	2.7J	1.0J	ND	ND	ND	ND
CMT-2	Port 4		5/6/02	1,320	ND	ND	4.4J	44.5J	ND	ND	31.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND
CMT-2	Port 5	52.3-52.6	2/21/02	ND	ND	ND	ND	ND	ND	45.4	ND	ND	ND	ND	2.2J	1.1J	ND	ND	ND	ND
CMT-2	Port 5		5/7/02	79.3	ND	ND	ND	6.5J	ND	ND	6.0J	ND	ND	ND	ND	ND	1.3J	ND	ND	ND
CMT-2	Port 6	56.1-56.4	2/21/02	ND	ND	ND	ND	ND	ND	64.4	ND	ND	ND	ND	1.5J	1.9J	ND	ND	ND	ND
CMT-2	Port 6		5/7/02	11.3J	ND	ND	9.1J	1.0J	ND	ND	21	ND	ND	ND	ND	ND	2.7J	ND	ND	ND
CMT-2	Port 7	59.8	2/21/02	ND	ND	ND	ND	ND	ND	46.0	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
CMT-2	Port 7		5/7/02	1.3J	ND	ND	8.6J	ND	ND	ND	36.6	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
Loc 9R	ALDOTF.C21	26-30	1/17/02	350	NA	NA	4	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C19	30-34	1/17/02	2,900	NA	NA	17	NA	NA	ND	4	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C17	34-38	1/17/02	10,000J	NA	NA	150	NA	NA	ND	4	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C15	38-42	1/17/02	10,000J	NA	NA	110	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C13	42-46	1/17/02	10,000J	NA	NA	390	NA	NA	ND	ND	NA	7	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C11	46-50	1/17/02	20,000J	NA	NA	340	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C08	50-54	1/17/02	280	NA	NA	20	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	ALDOTF.C05	54-58	1/17/02	9,300	NA	NA	80J	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA
Loc 9R	Confirmation	54-58	1/17/02	4,150	ND	ND	69.2J	ND	ND	ND	ND	14.4J	ND	ND	ND	ND	ND	ND	ND	14
Loc 9R	ALDOTF.C03	58-62	1/17/02	ND	NA	NA	ND	NA	NA	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	NA

Notes:

[1] Samples collected on 2/21/02 were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846 with the exception of CMT-1 Ports 3 and 5 which were analyzed with a field GC by PES.

[2] MDL - Method Detection Limit of 1.0 micrograms per liter for the laboratory analyses

[3] CMT-1 adjacent to Location 2R.

[4] NS - Not sampled; bentonite around port

[5] NA - Not analyzed

[6] ND - Not detected

[7] J - Concentration below calibration curve, but above detection limit

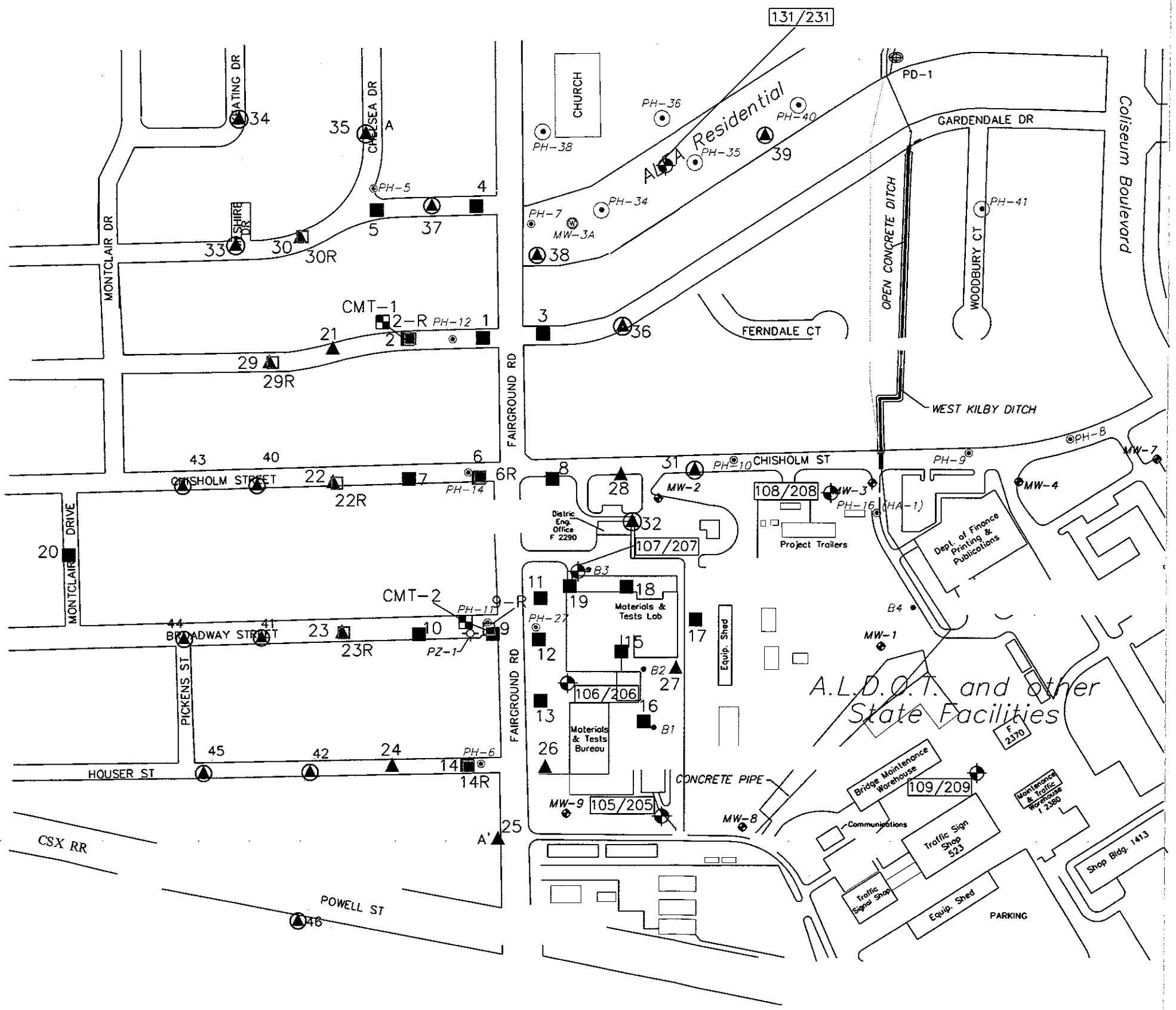
[8] B - Compound of interest was found above the detection limit concentration in a laboratory sample

[9] Sample ID: "ALDOT" series ID numbers represent samples analyzed by PES.

[10] dup - Duplicate samples collected for quality assurance/quality control purposes

[11] CMT-2 adjacent to Location 9R.

FIGURES



LEGEND

- ■2 PROBEHOLE AND IDENTIFIER (ADDENDUM 03 INVESTIGATION)
- ▲28 STEP-OUT PROBEHOLE AND IDENTIFIER (ADDENDUM 03 INVESTIGATION)
- ▲31 STEP-OUT PROBEHOLE AND IDENTIFIER IN WHICH CONTINUOUS GROUND-WATER SAMPLES WERE COLLECTED
- 2-R □ PROBEHOLE AND IDENTIFIER-RESAMPLE LOCATIONS IN WHICH CONTINUOUS GROUND-WATER SAMPLES WERE COLLECTED
- PH-50 ⊙ PROBEHOLE AND IDENTIFIER (PREVIOUS INVESTIGATIONS)
- 108/208 MONITORING WELL CLUSTER AND IDENTIFIERS (ADDENDUM 06 INVESTIGATION
- MW-2 ALDOT MONITORING WELL AND IDENTIFIER (OCTOBER 1999)
- CMT-1 ■ CMT (CONTINUOUS MULTI-CHANNEL TUBING) WELL AND IDENTIFIER
- FORMER DITCH AND POND (FROM GMC BASE MAP)
- MW-3A (W) ALFA WELL AND IDENTIFIER

N

TTL Technology and Tradition
4154 Lomac Street • Montgomery, Alabama 36106
334.244.0766 • Fax 334.244.5668

Locations of probeholes and CMT wells; Investigation Report of Probehole PH 12 Area; Coliseum Boulevard Plume; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

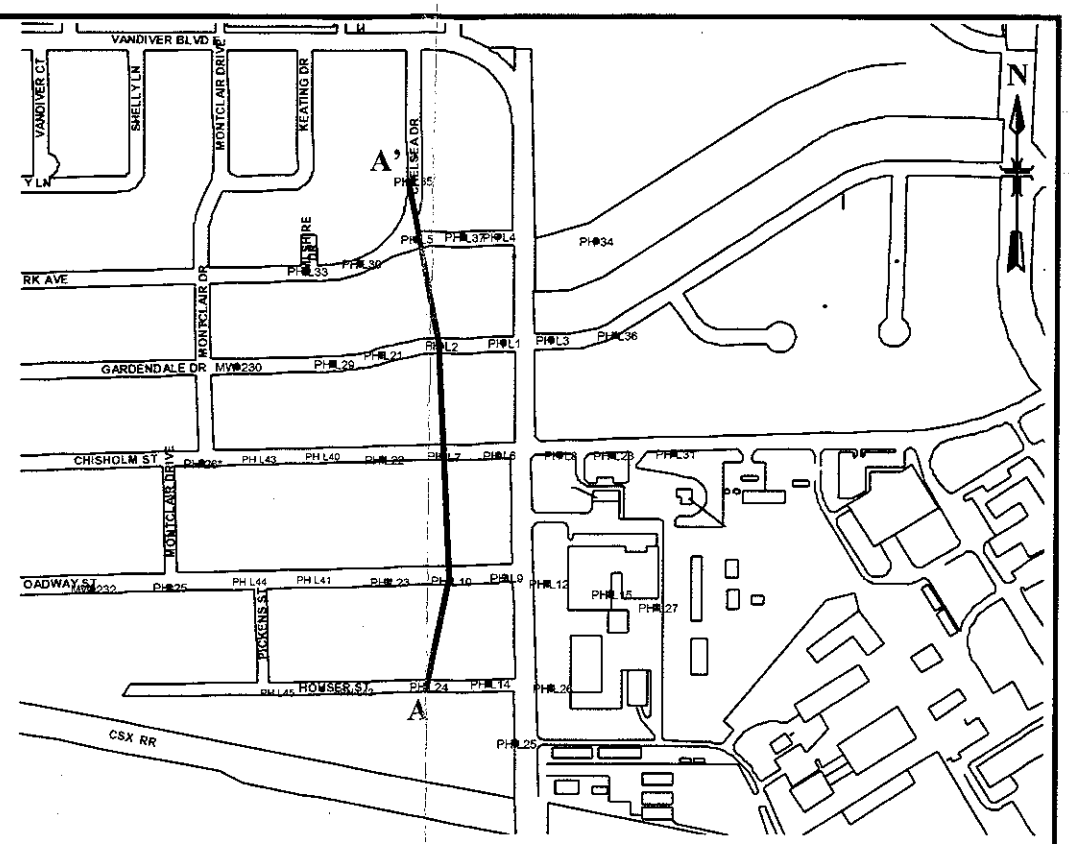
Drawing No. 020128 | SCALE: 1" = 300' | Figure 1

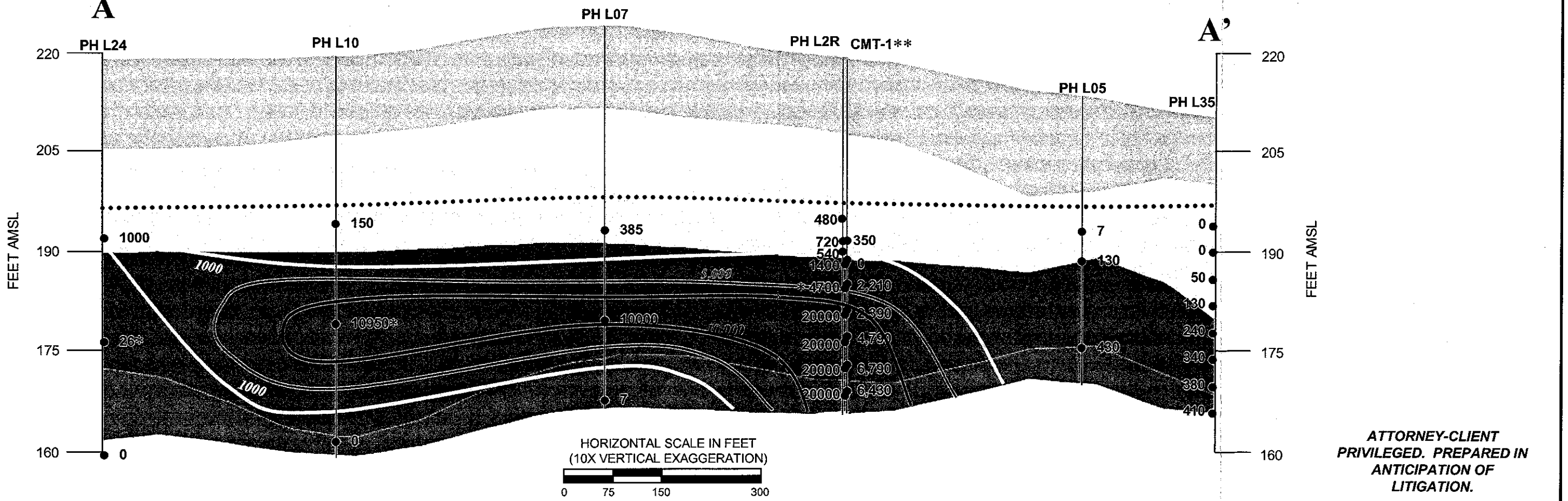
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 385 TCE CONCENTRATION (UG/L)
- ● MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.
- ** Sample date for CMT data 4/4/2002 to 4/5/2002





ATTORNEY-CLIENT PRIVILEGED. PREPARED IN ANTICIPATION OF LITIGATION.

MALCOLM PIRNIE

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION A-A'

ALABAMA DEPARTMENT OF TRANSPORTATION

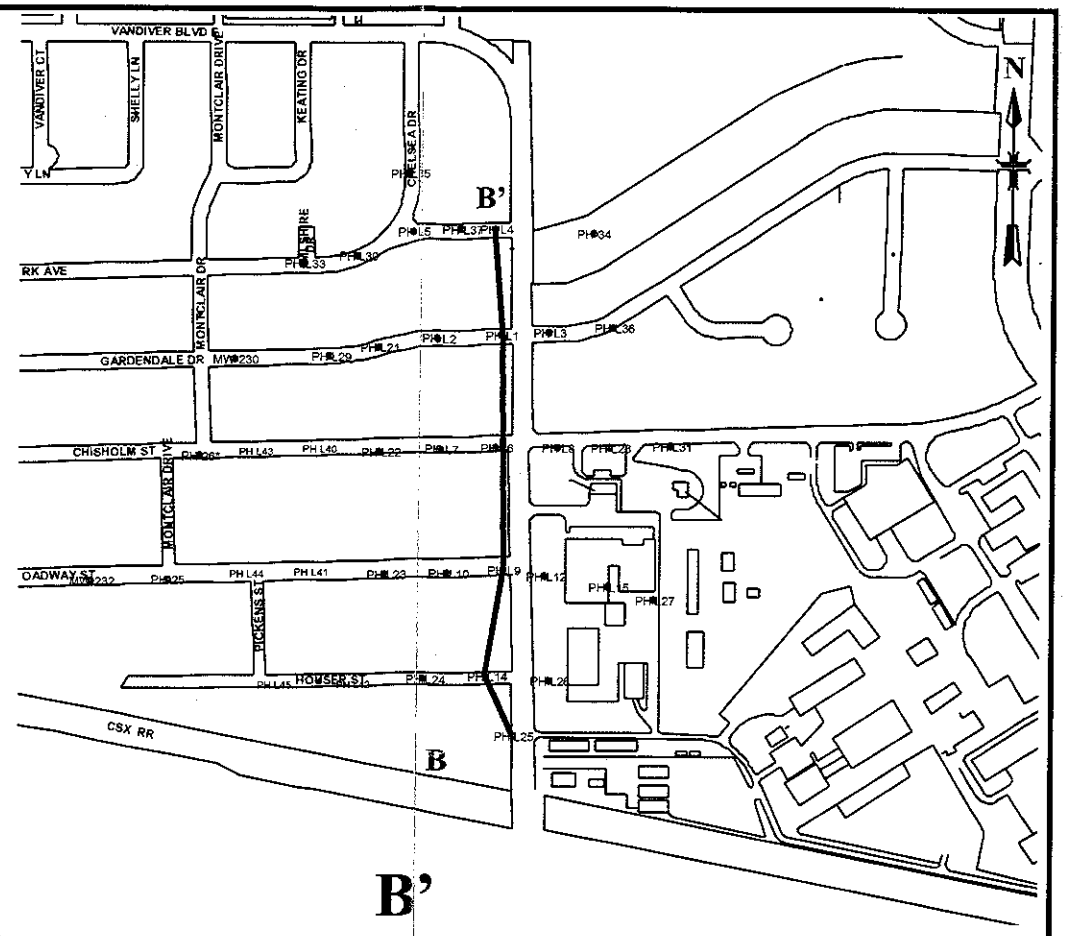
F:\PROJECT\4197002\FILE\PH-12\MONPLAN\XSECT.PPT

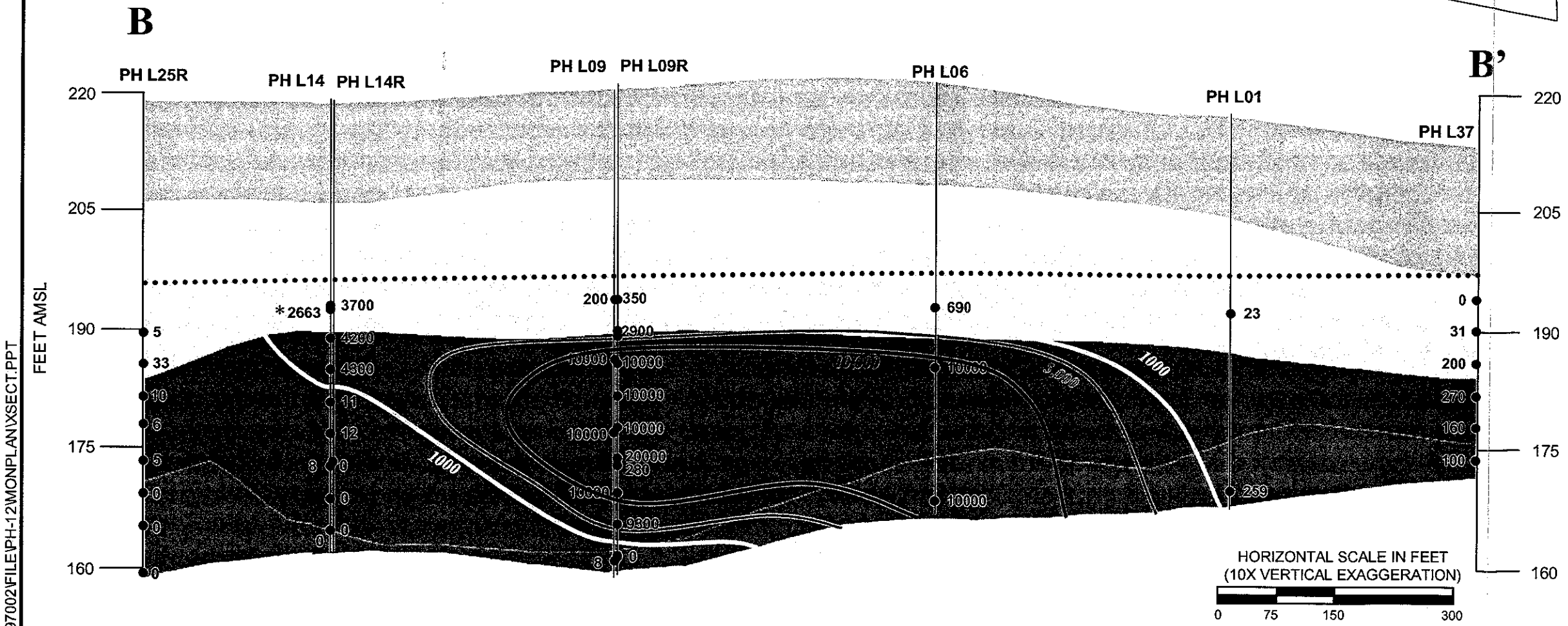
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 690 — TCE CONCENTRATION (UG/L)
- ● — MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * — TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.





ATTORNEY-CLIENT PRIVILEGED. PREPARED IN ANTICIPATION OF LITIGATION.

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MALCOLM PIRNIE

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION B-B'

ALABAMA DEPARTMENT OF TRANSPORTATION

STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

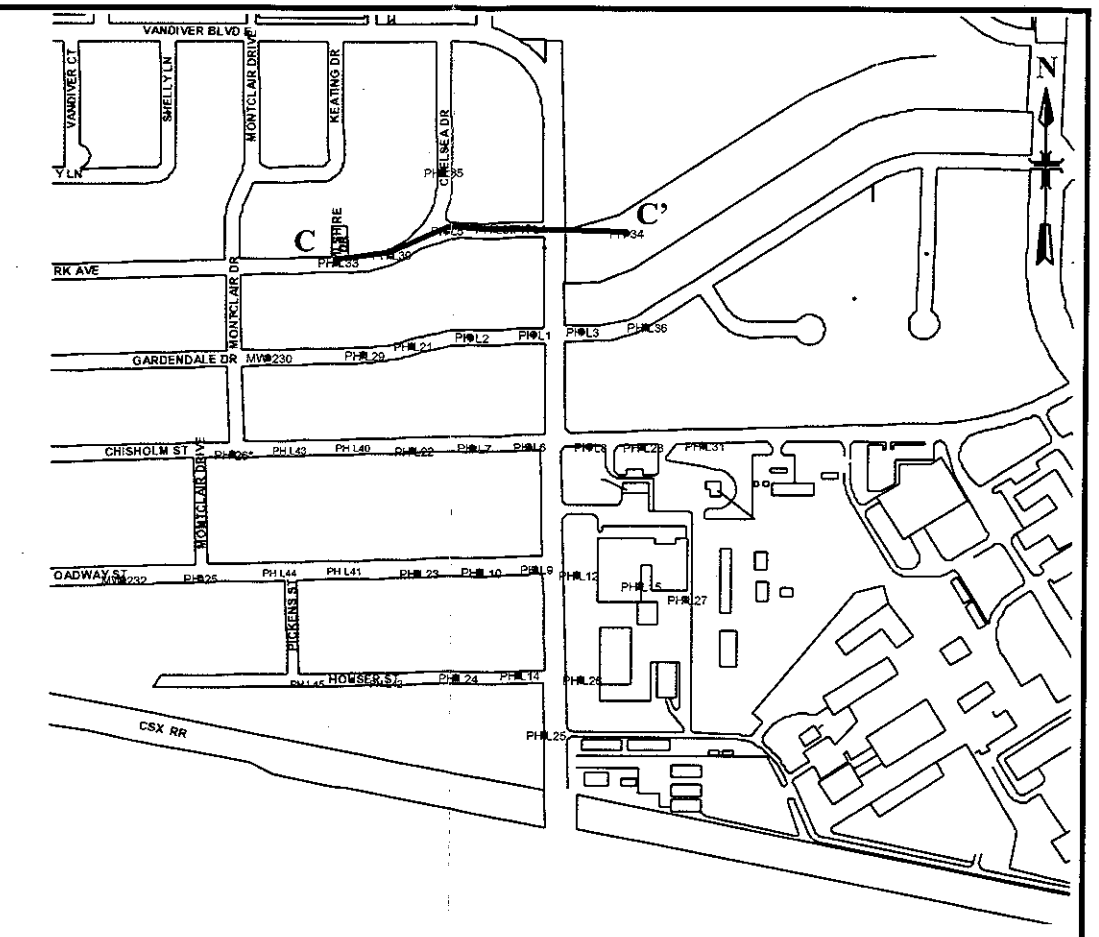
1,000 UG/L ISOCONCENTRATION CONTOUR

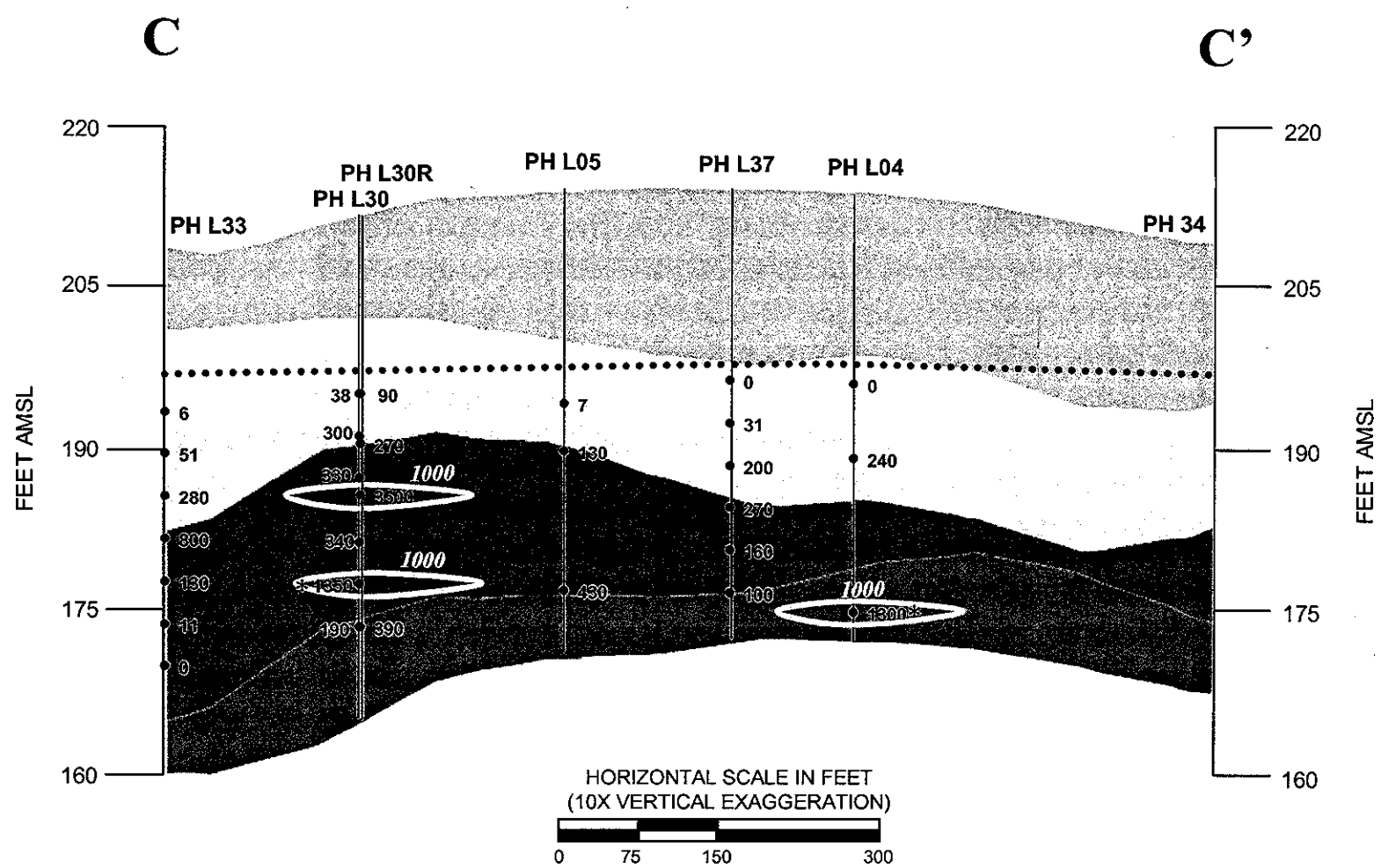
APPROXIMATE WATER TABLE

800 TCE CONCENTRATION (UG/L)

● MIDPOINT OF GROUNDWATER SAMPLING INTERVAL

* TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.





ATTORNEY-CLIENT PRIVILEGED. PREPARED IN ANTICIPATION OF LITIGATION.

MALCOLM PIRNIE

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION C-C'

DEPARTMENT OF TRANSPORTATION

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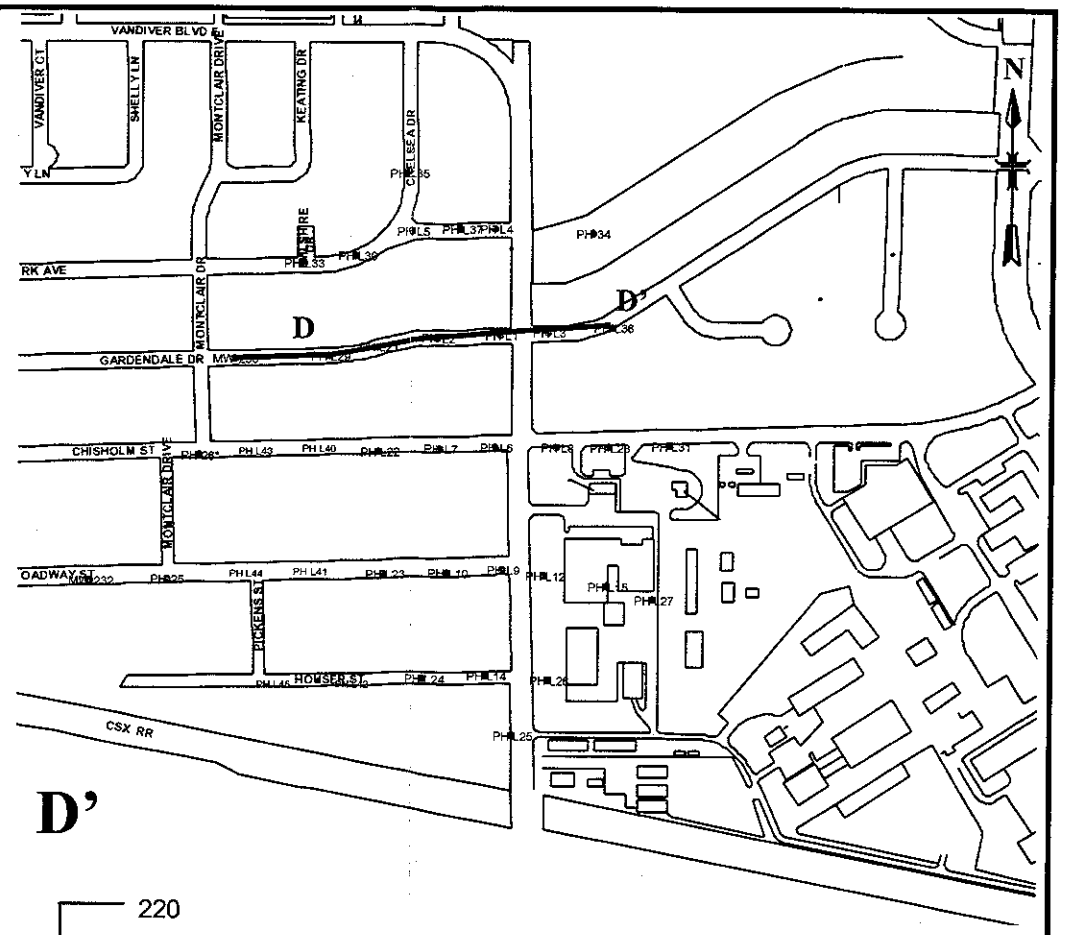
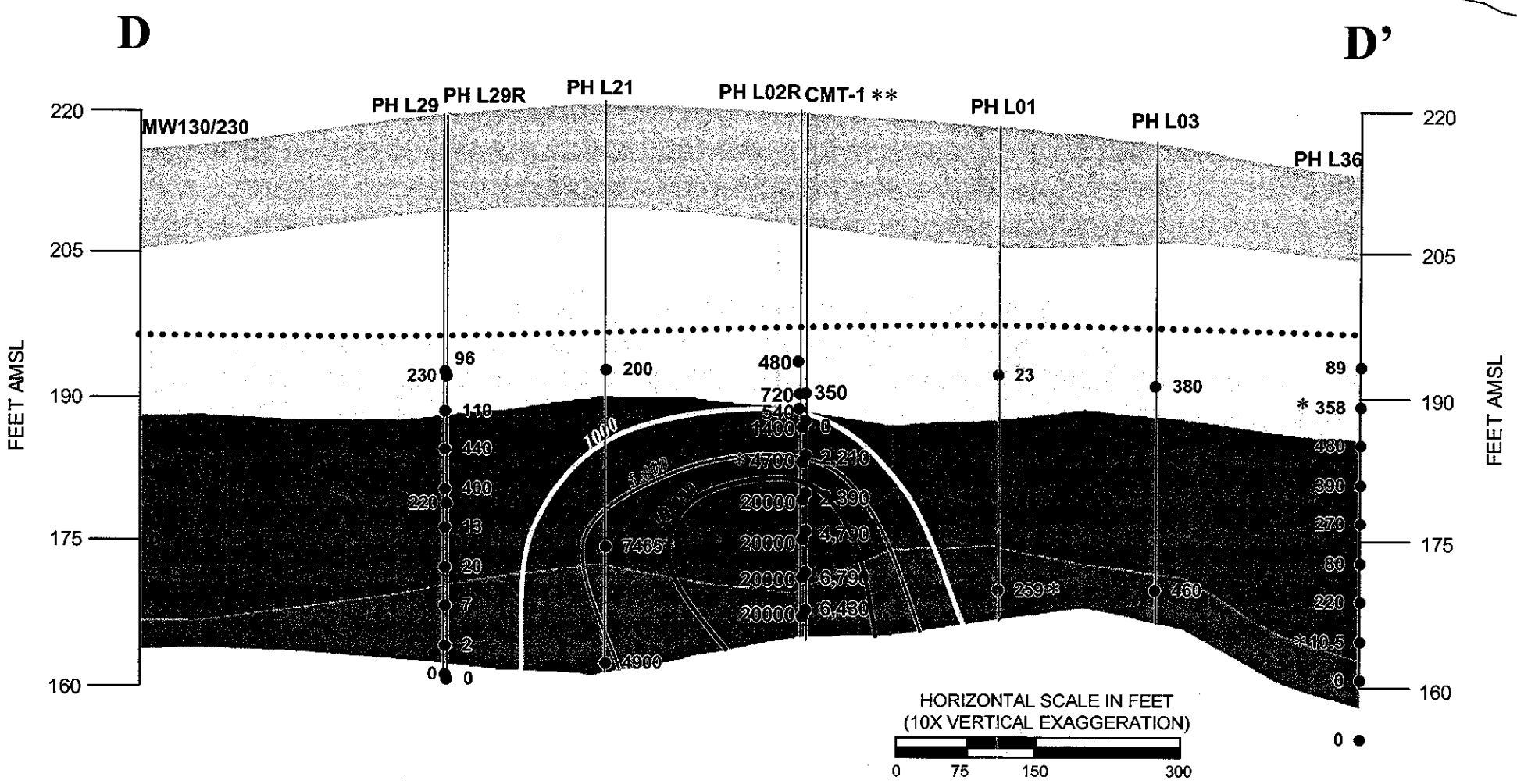
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 480 — TCE CONCENTRATION (UG/L)
- ● — MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * — TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.
- ** — Sample date for CMT data 4/4/2002 to 4/5/2002





ATTORNEY-CLIENT PRIVILEGED. PREPARED IN ANTICIPATION OF LITIGATION.

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ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION D-D'

ALABAMA DEPARTMENT OF TRANSPORTATION

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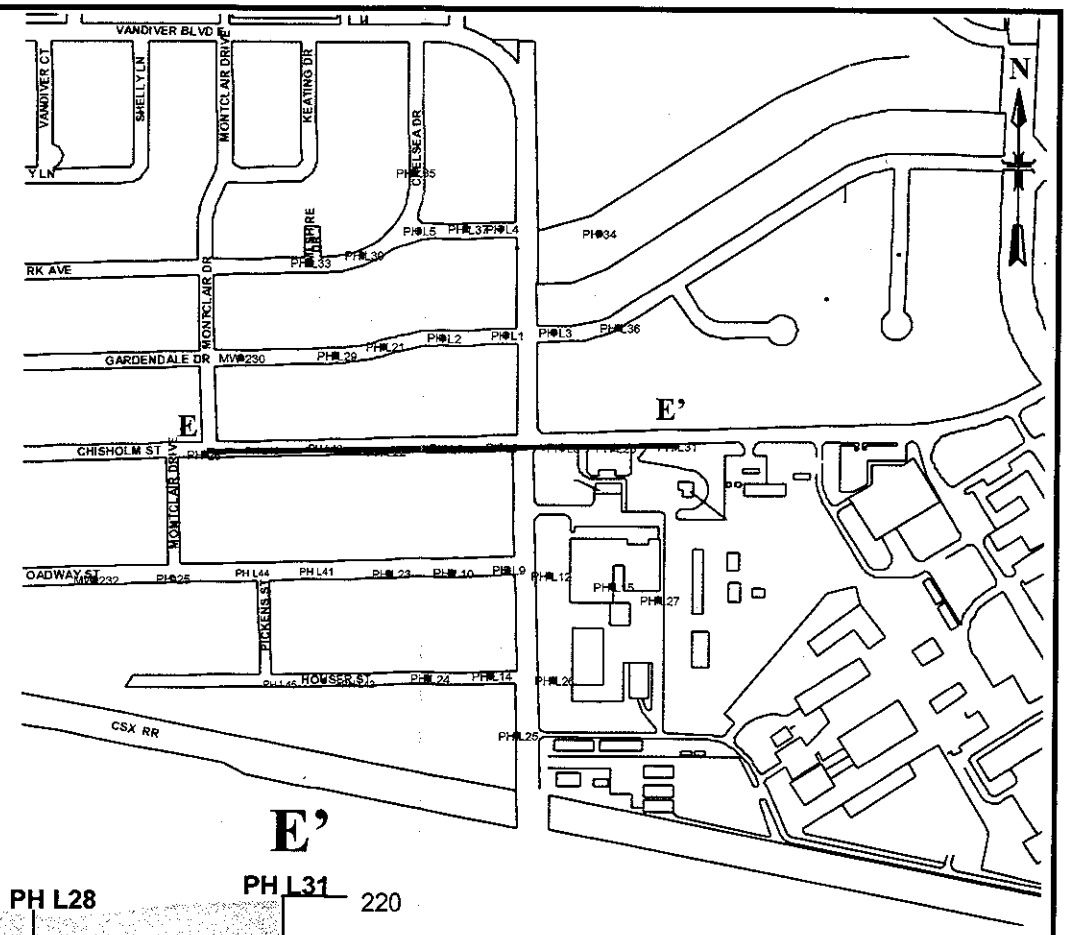
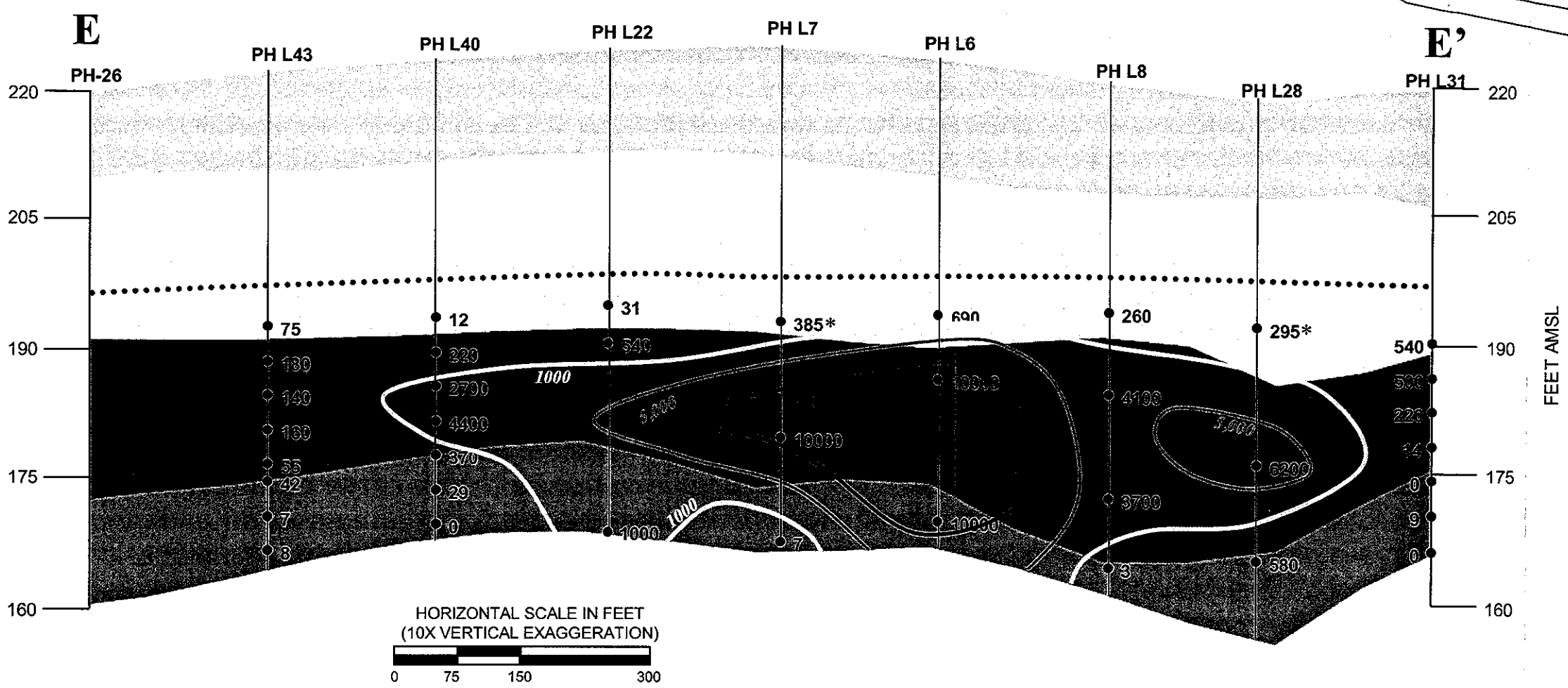
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 690 TCE CONCENTRATION (UG/L)
- MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.





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ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION E-E'

ALABAMA DEPARTMENT OF TRANSPORTATION

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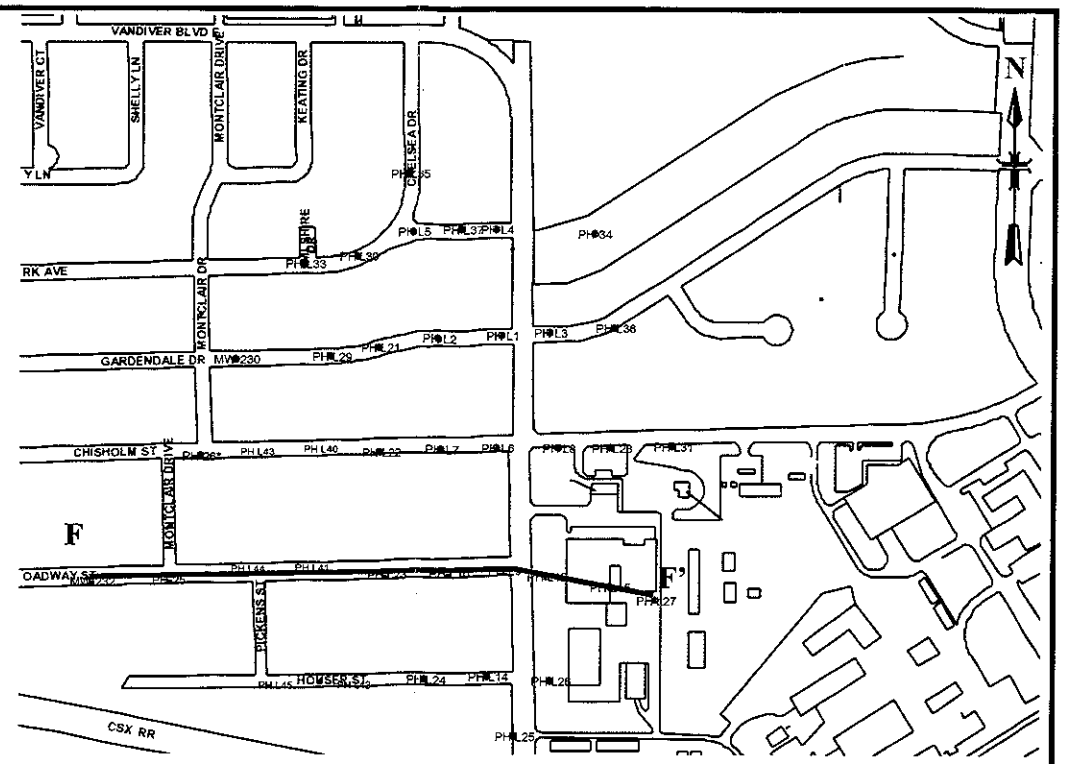
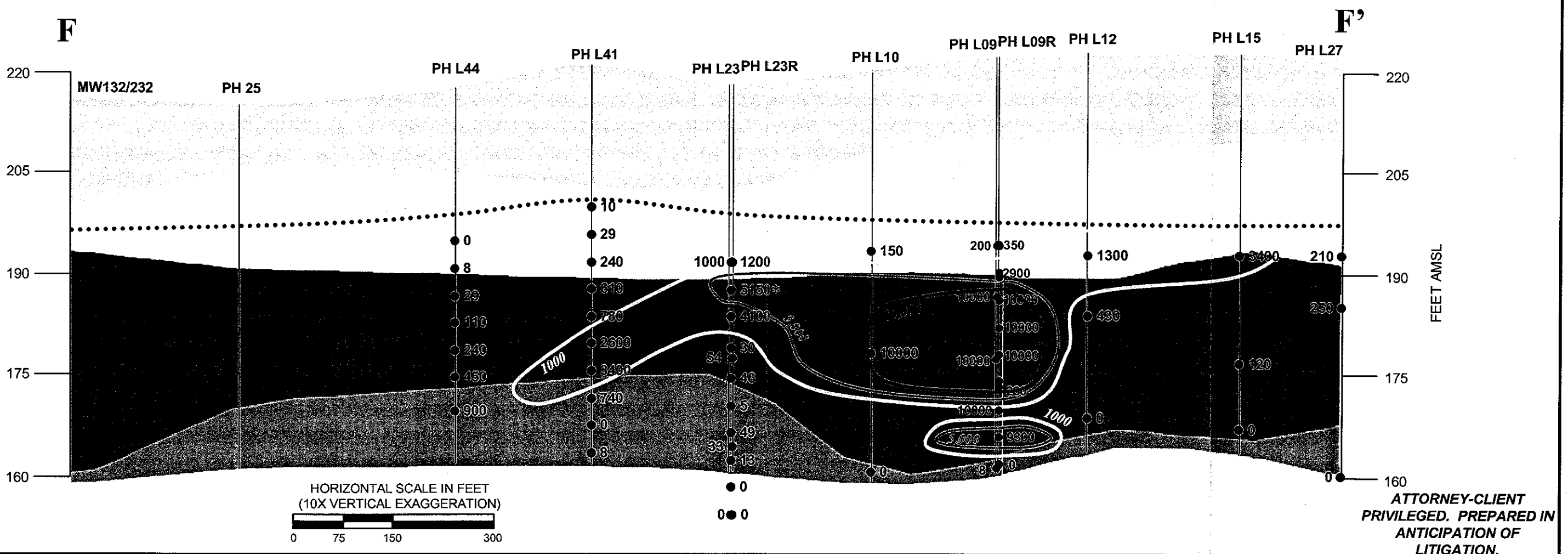
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 900 TCE CONCENTRATION (UG/L)
- MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.





ATTORNEY-CLIENT PRIVILEGED. PREPARED IN ANTICIPATION OF LITIGATION.

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MALCOLM PIRNIE

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION F-F'

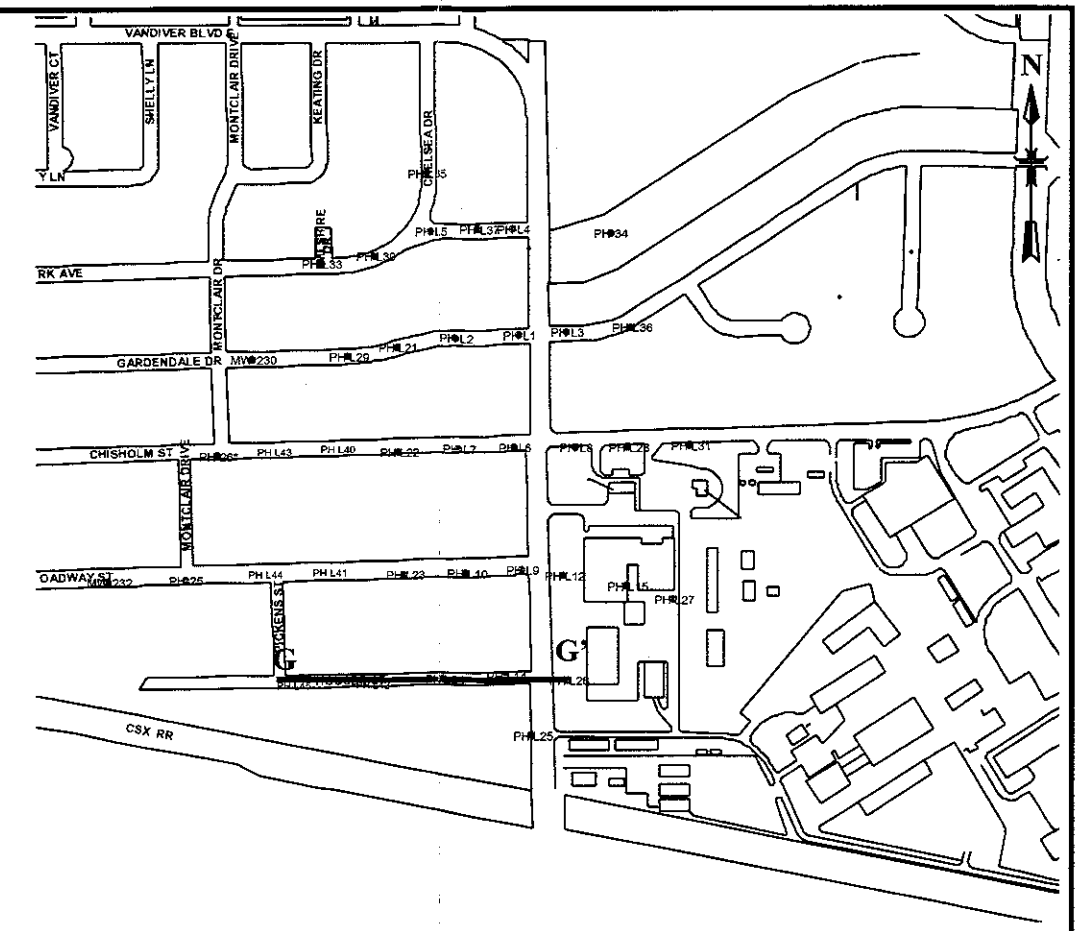
ALABAMA DEPARTMENT OF TRANSPORTATION

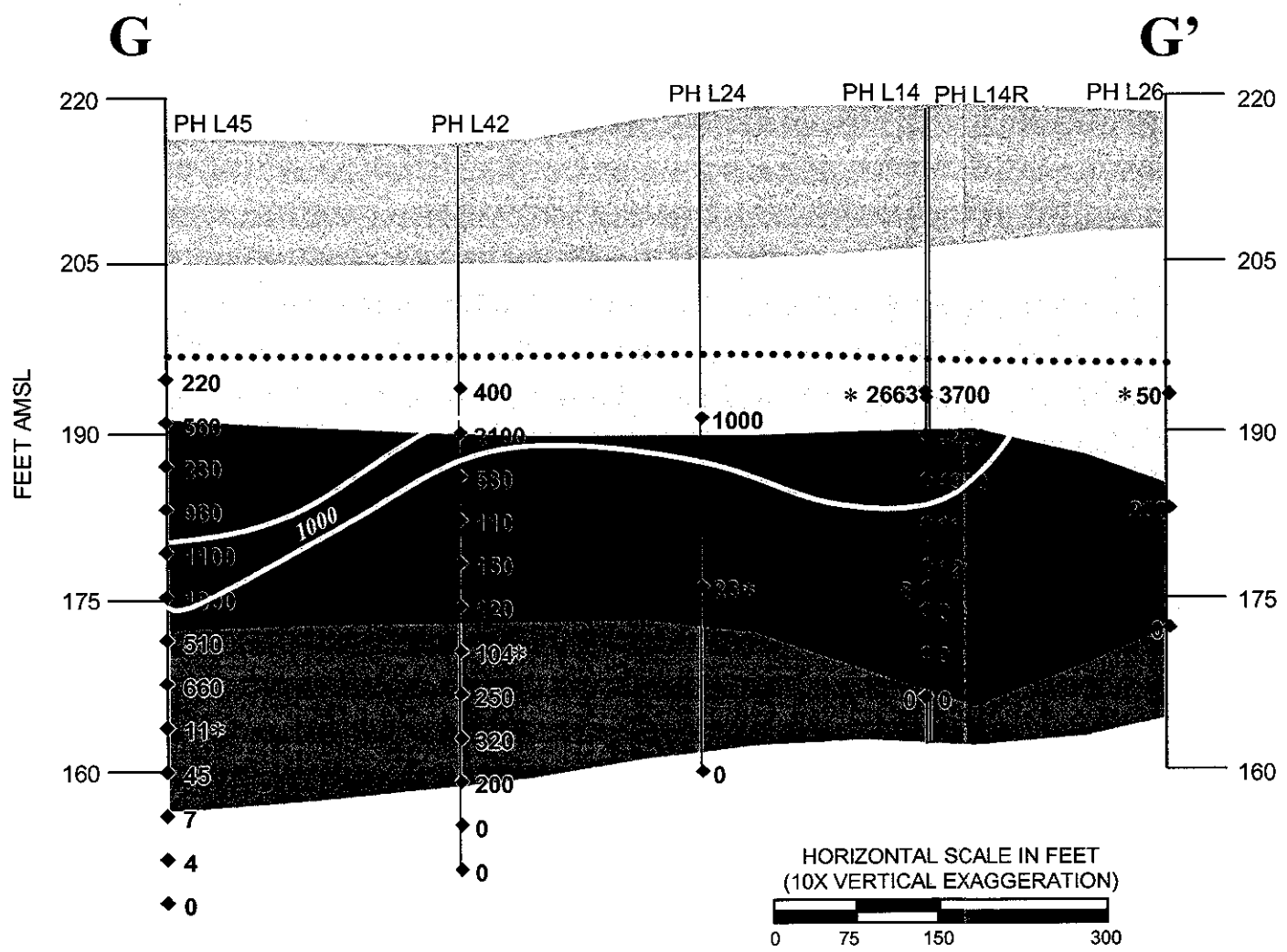
STRATIGRAPHIC LAYERS

- UPPER CLAY
- UPPER SANDY SILT
- SAND AND GRAVEL
- LOWER SANDY SILT (GLAUCONITIC)
- GLAUCONITIC SAND

LEGEND

- 1,000 UG/L ISOCONCENTRATION CONTOUR
- 5,000 UG/L ISOCONCENTRATION CONTOUR
- 10,000 UG/L ISOCONCENTRATION CONTOUR
- APPROXIMATE WATER TABLE
- 960 — TCE CONCENTRATION (UG/L)
- ● — MIDPOINT OF GROUNDWATER SAMPLING INTERVAL
- * — TCE concentration based on average of duplicate sample concentration and /or confirmation concentration and primary sample concentration.





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MALCOLM PIRNIE

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PROJECT

CROSS SECTION G-G'

ALABAMA DEPARTMENT OF TRANSPORTATION

INVESTIGATION REPORT OF PROBEHOLE PH12 AREA

COLISEUM BOULEVARD PLUME MONTGOMERY, ALABAMA

VOLUME II (APPENDICES)

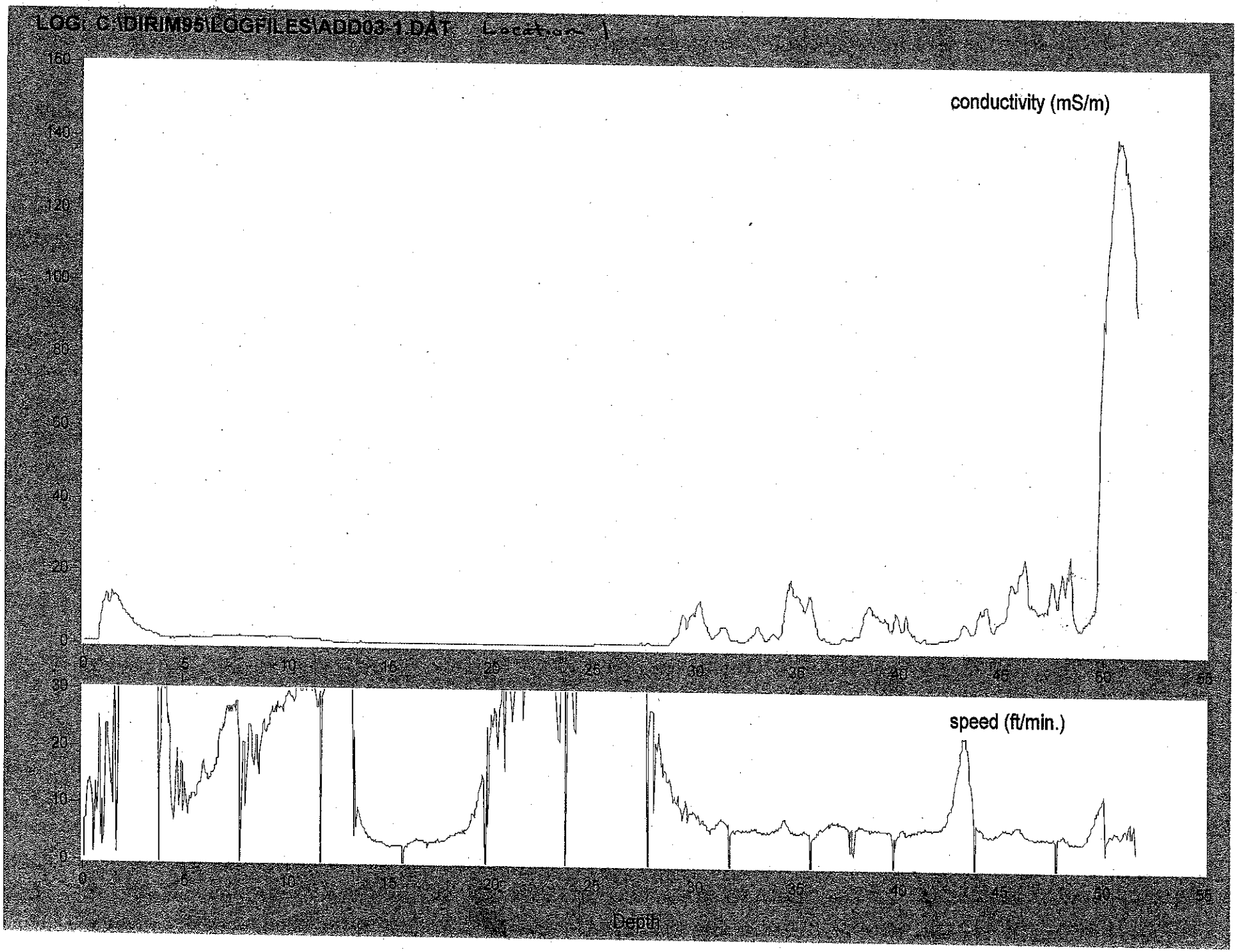
DEPARTMENT OF TRANSPORTATION

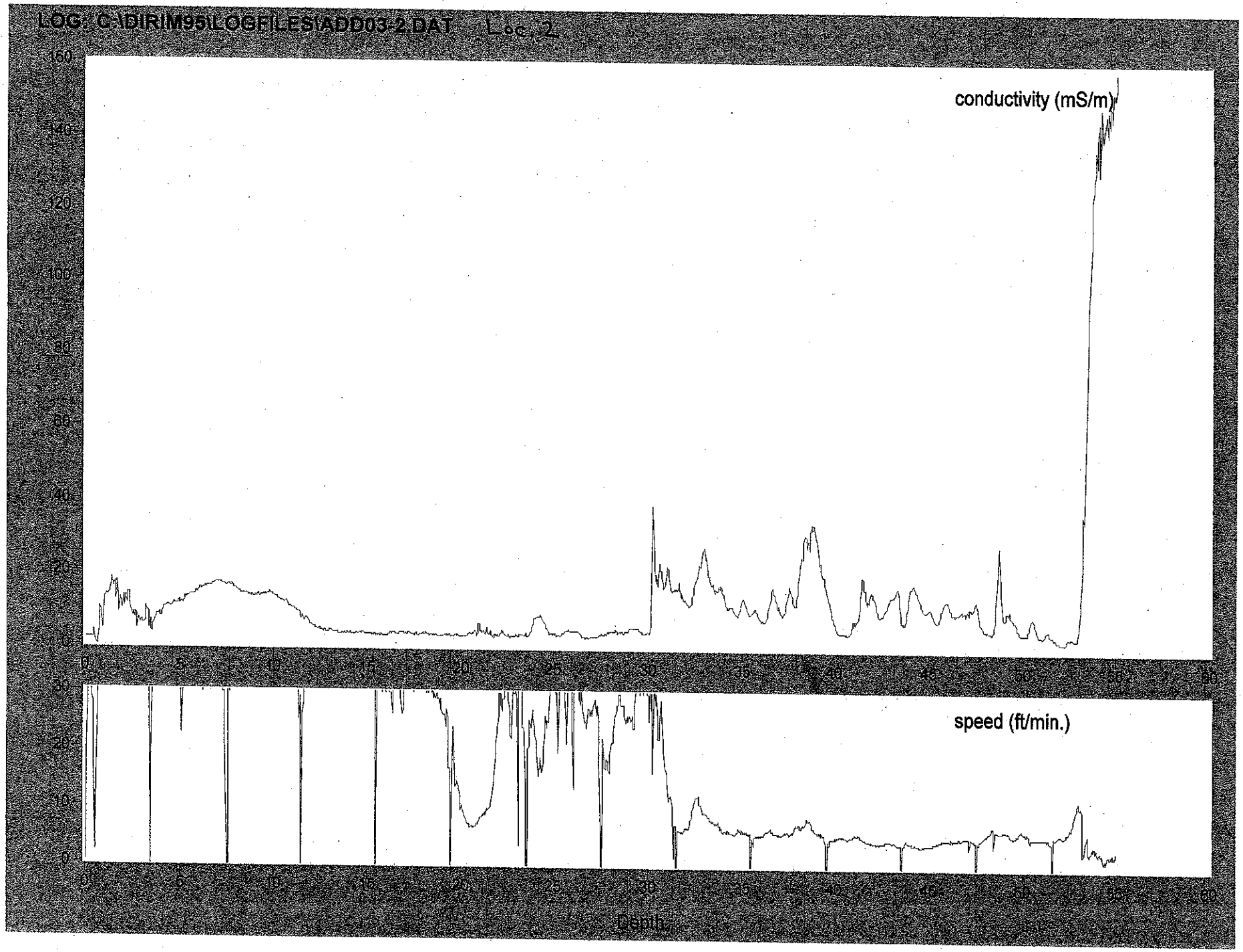
May 14, 2002

Submitted to:
The Alabama Department of Environmental Management
Montgomery, Alabama

APPENDIX A

SOIL CONDUCTIVITY LOGS


LOG: C:\DIRIM95\LOGFILES\ADD03-1.DAT Location 1
conductivity (mS/m)
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
speed (ft/min.)
30
20
10
0
0
5
10
15
20
25
30
35
40
45
50
55
Depth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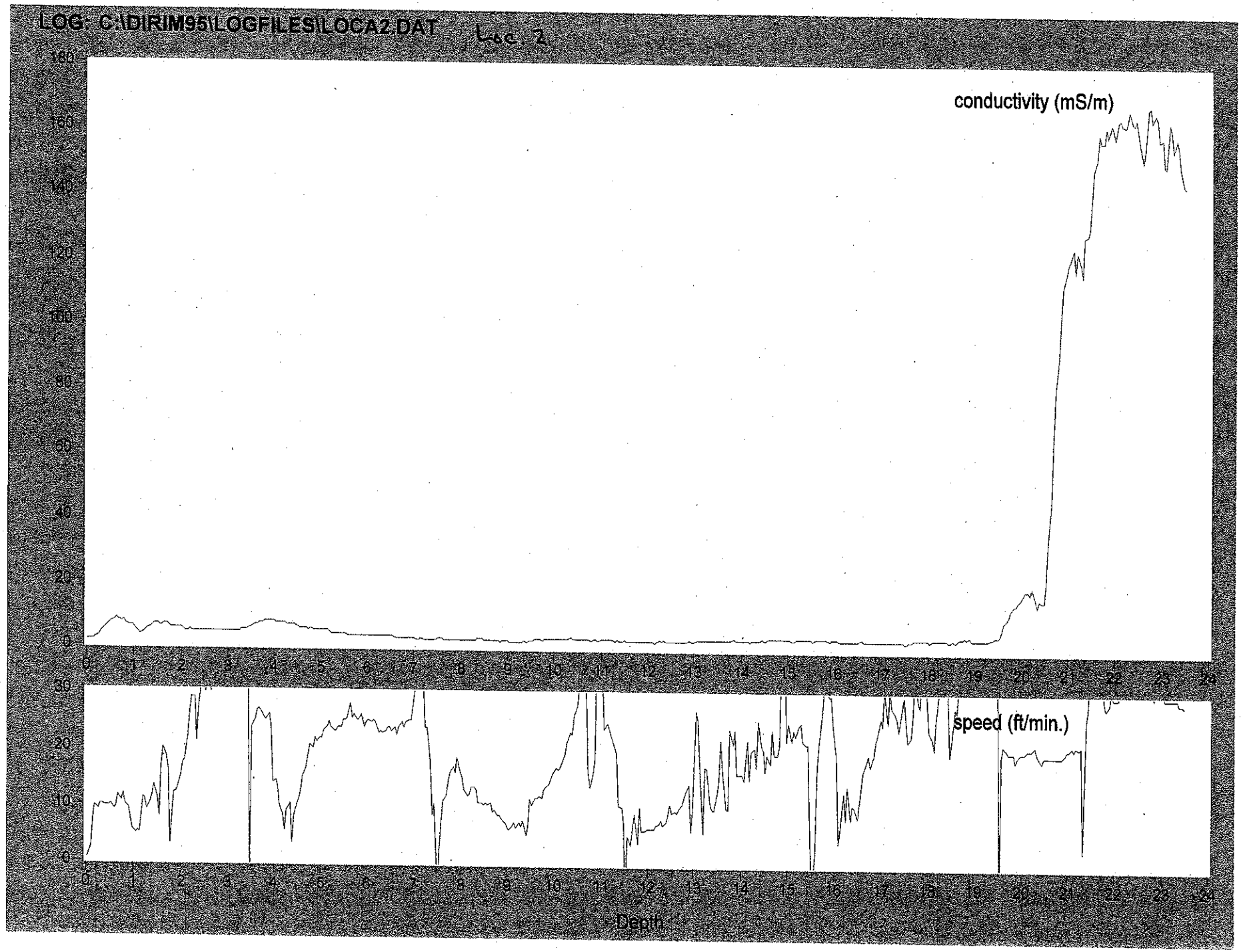
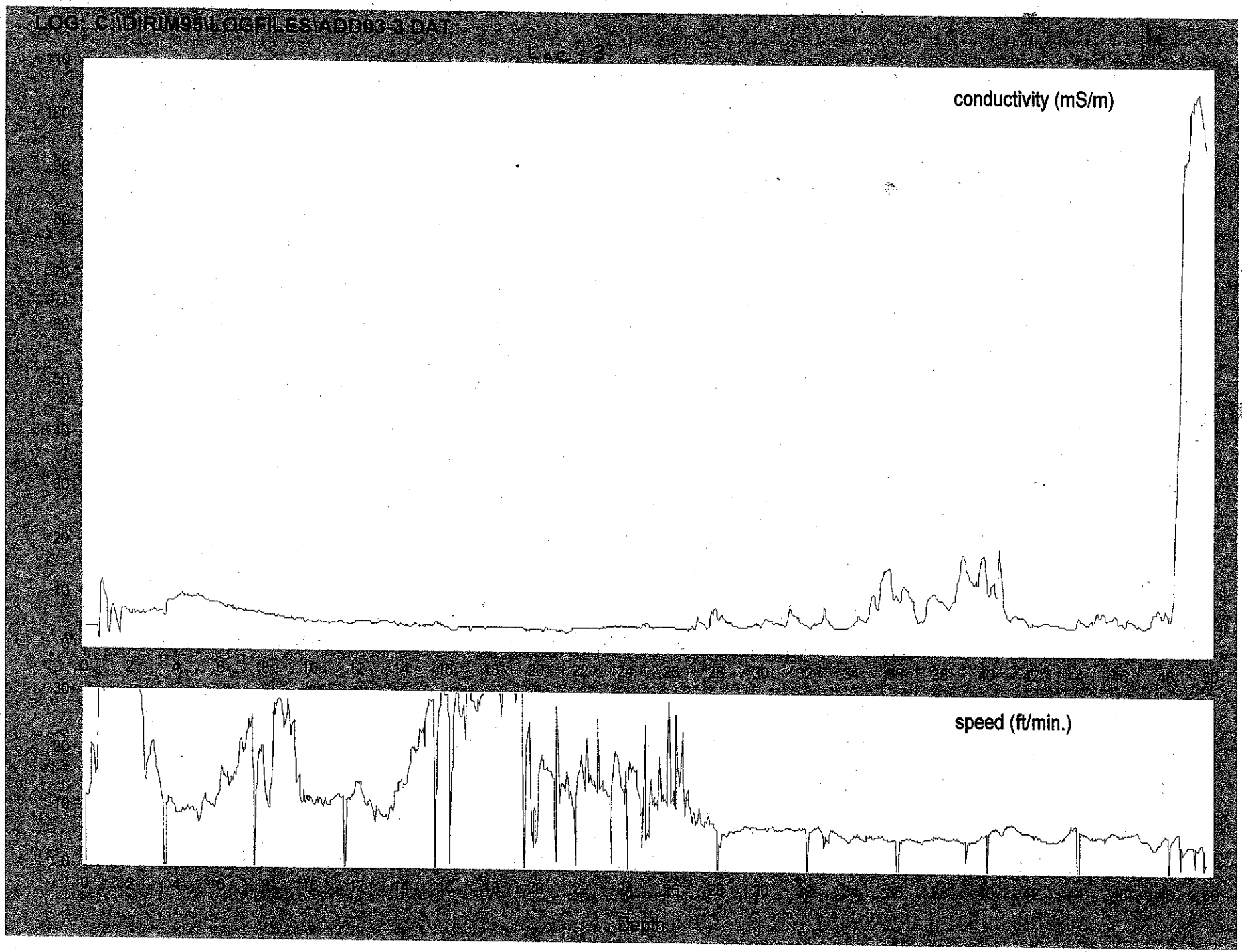
conductivity (mS/m)
speed (ft/min.)
Depth


LOG: C:\DIRIM95\LOGFILES\LOCA2.DAT
Loc. 2
conductivity (mS/m)
speed (ft/min.)
Depth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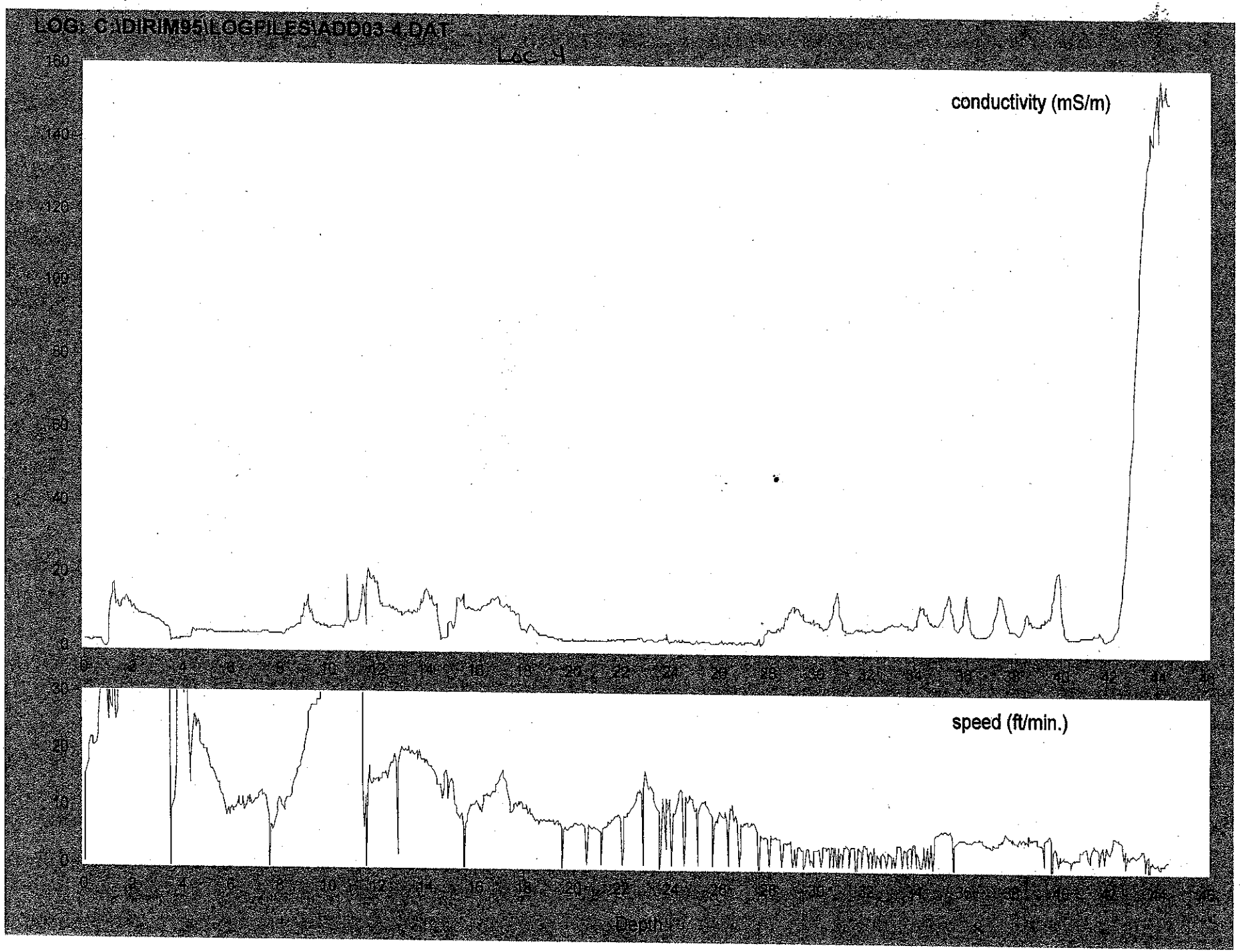
Loc: 3
conductivity (mS/m)
speed (ft/min.)
Depth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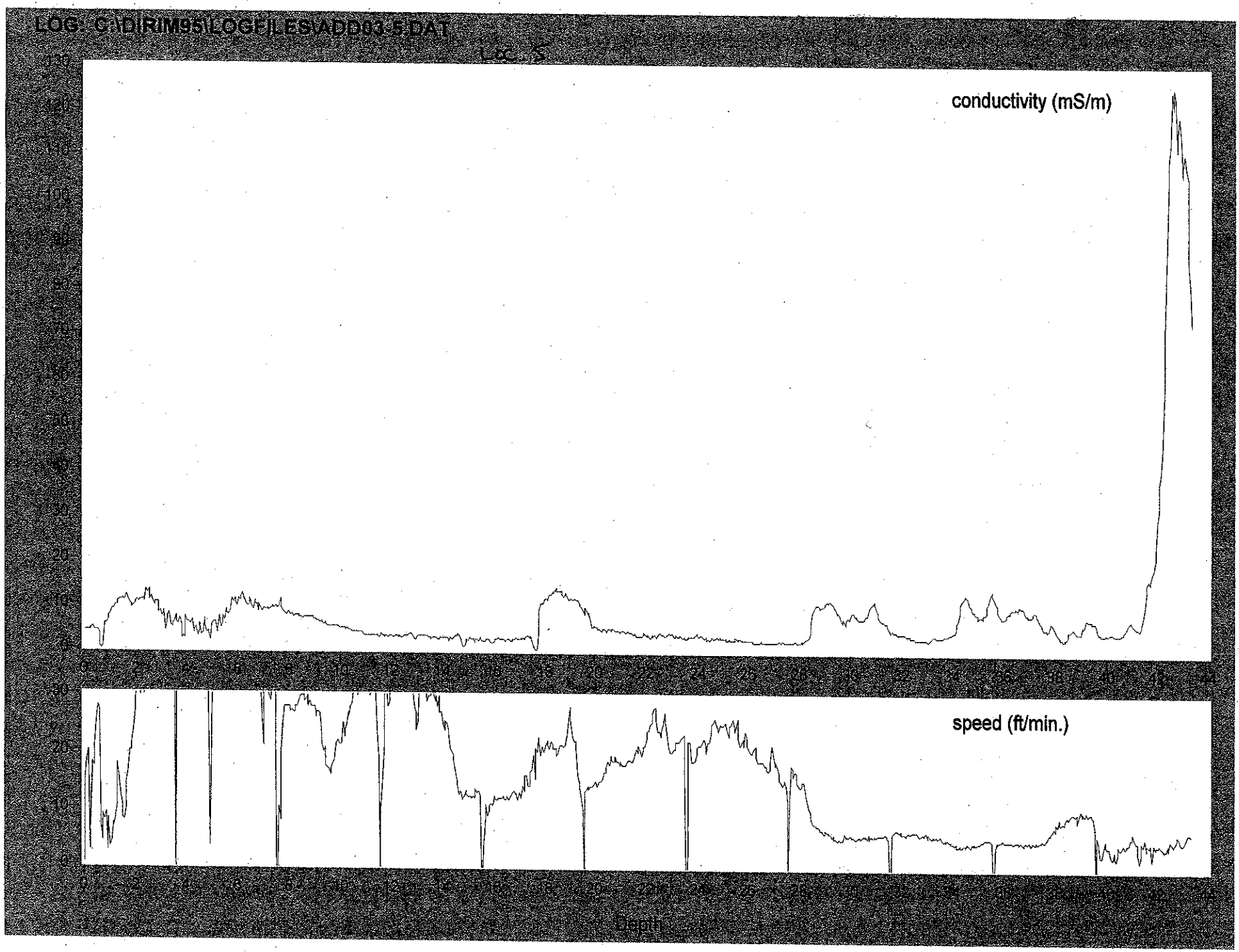
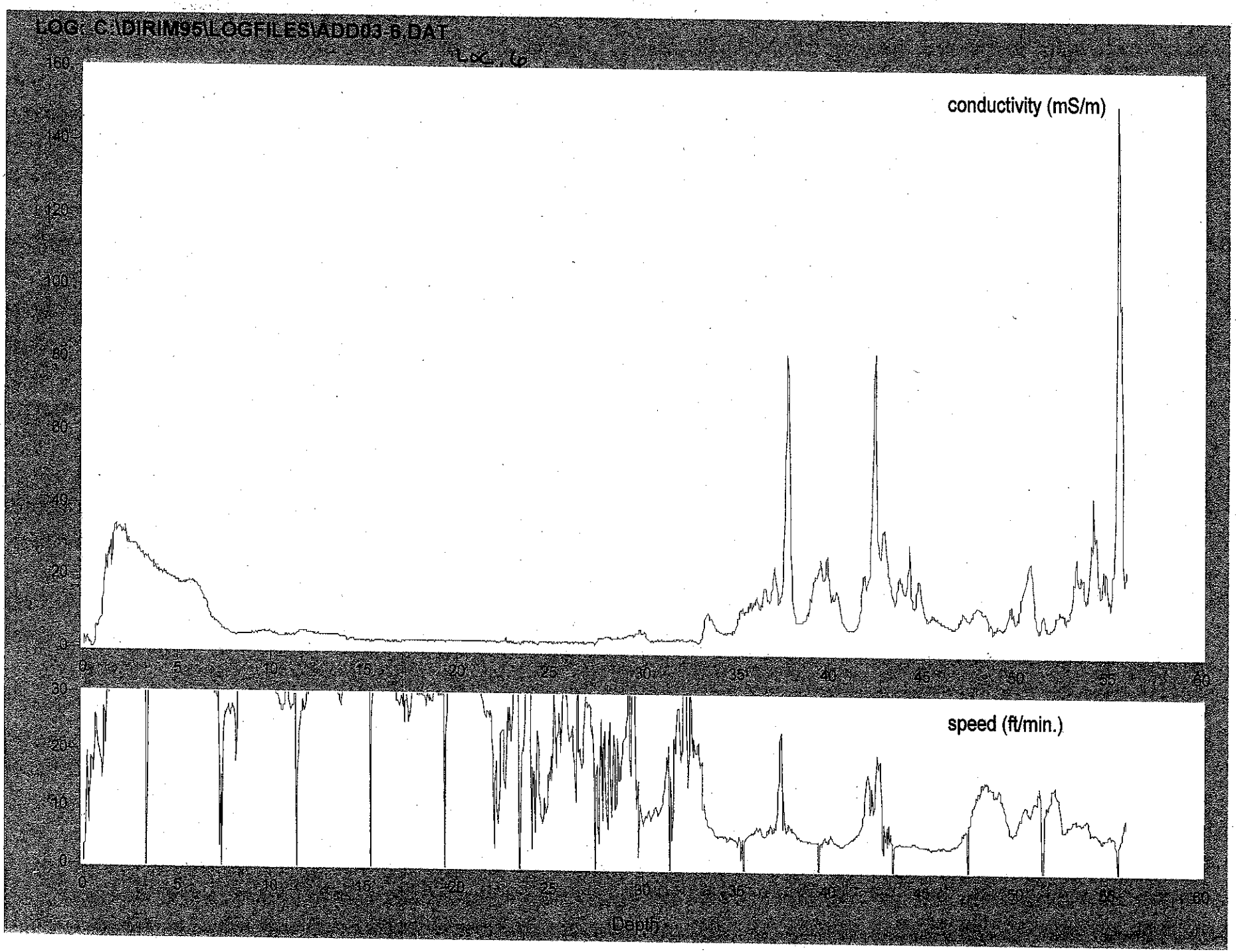
LAC-1
conductivity (mS/m)
speed (ft/min.)
Depth


LOG: C:\DIRIM95\LOGFILES\ADD03-5.DAT
Loc 5
conductivity (mS/m)
speed (ft/min.)
Depth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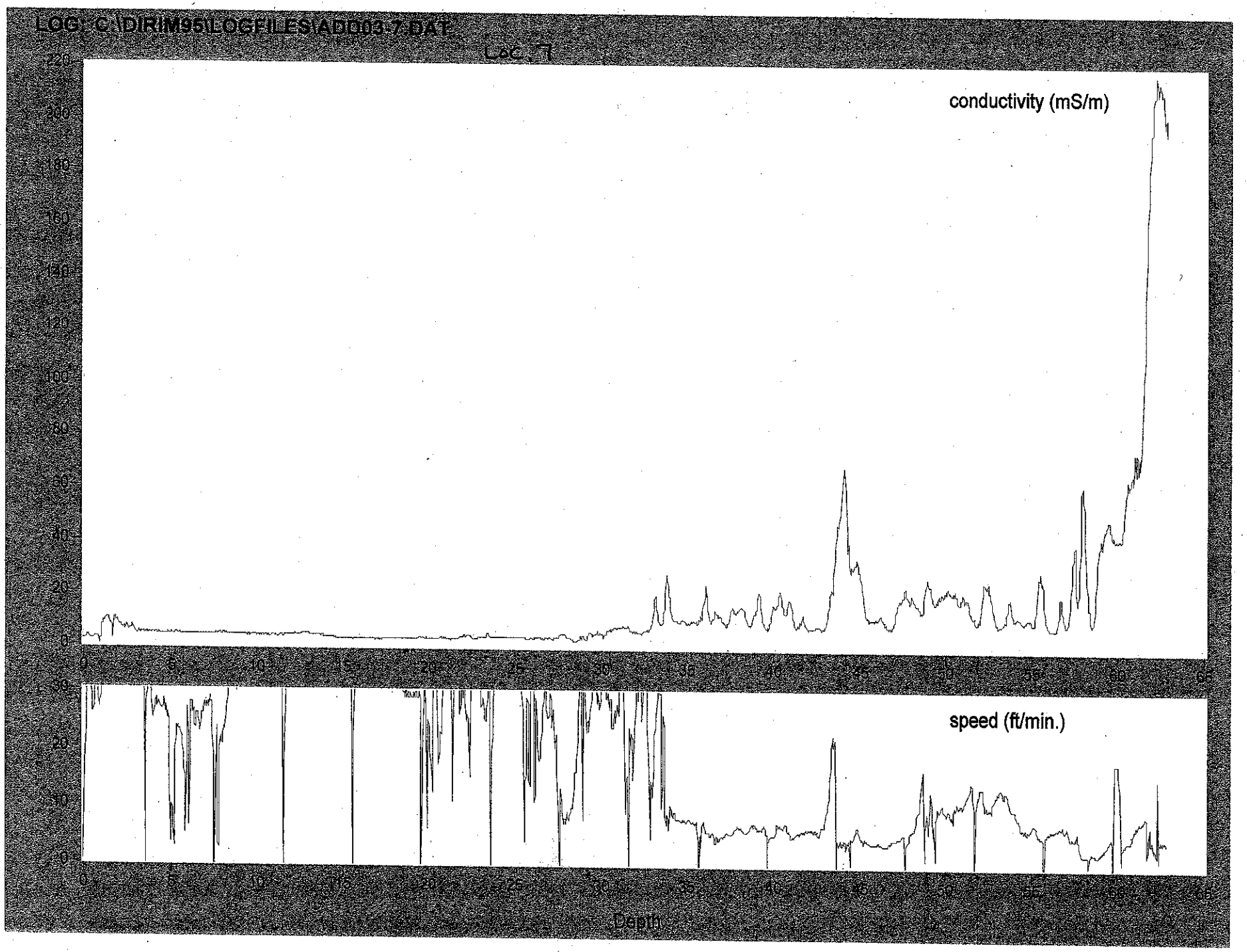
conductivity (mS/m)
speed (ft/min.)
Depth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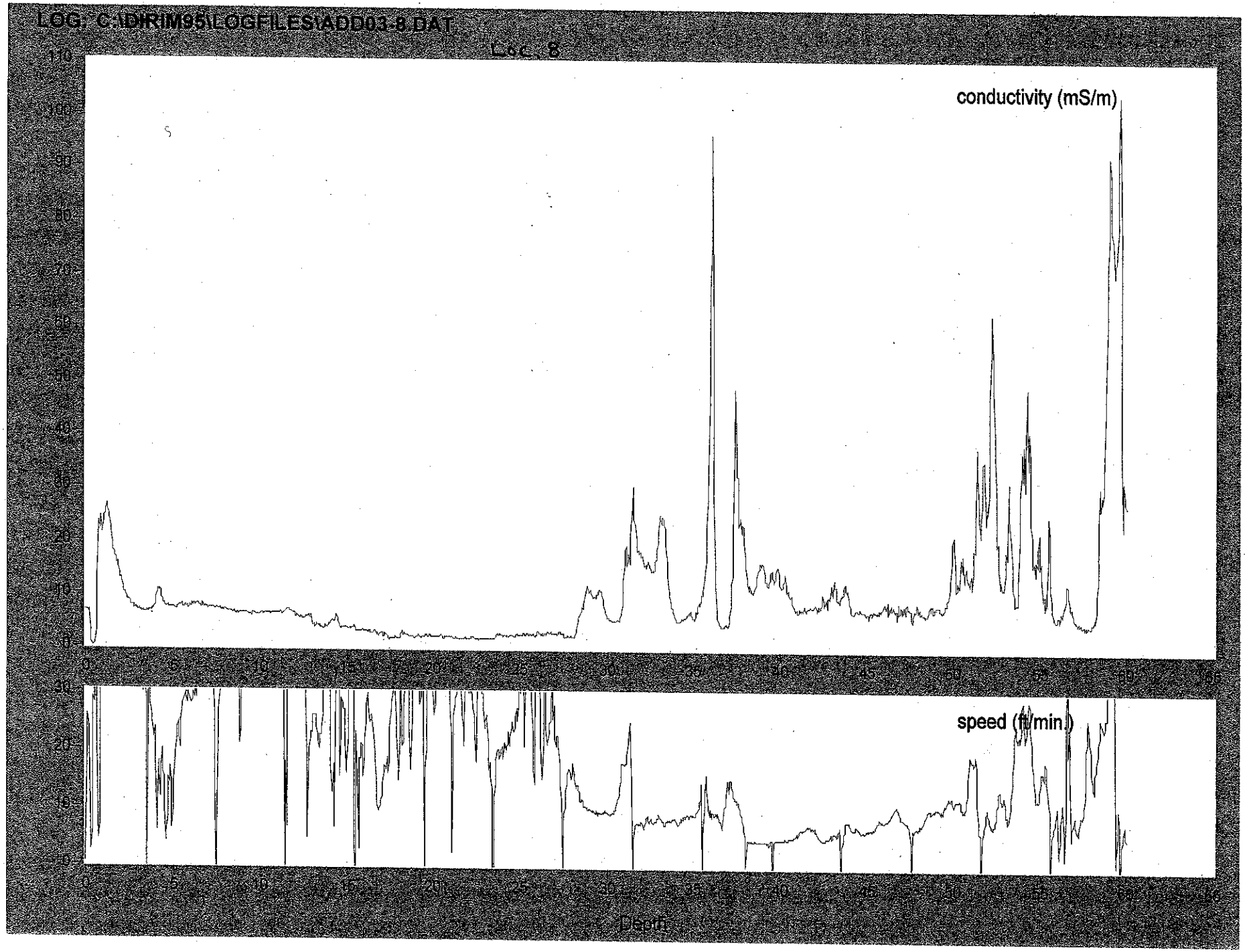
Loc 7
conductivity (mS/m)
speed (ft/min.)
Depth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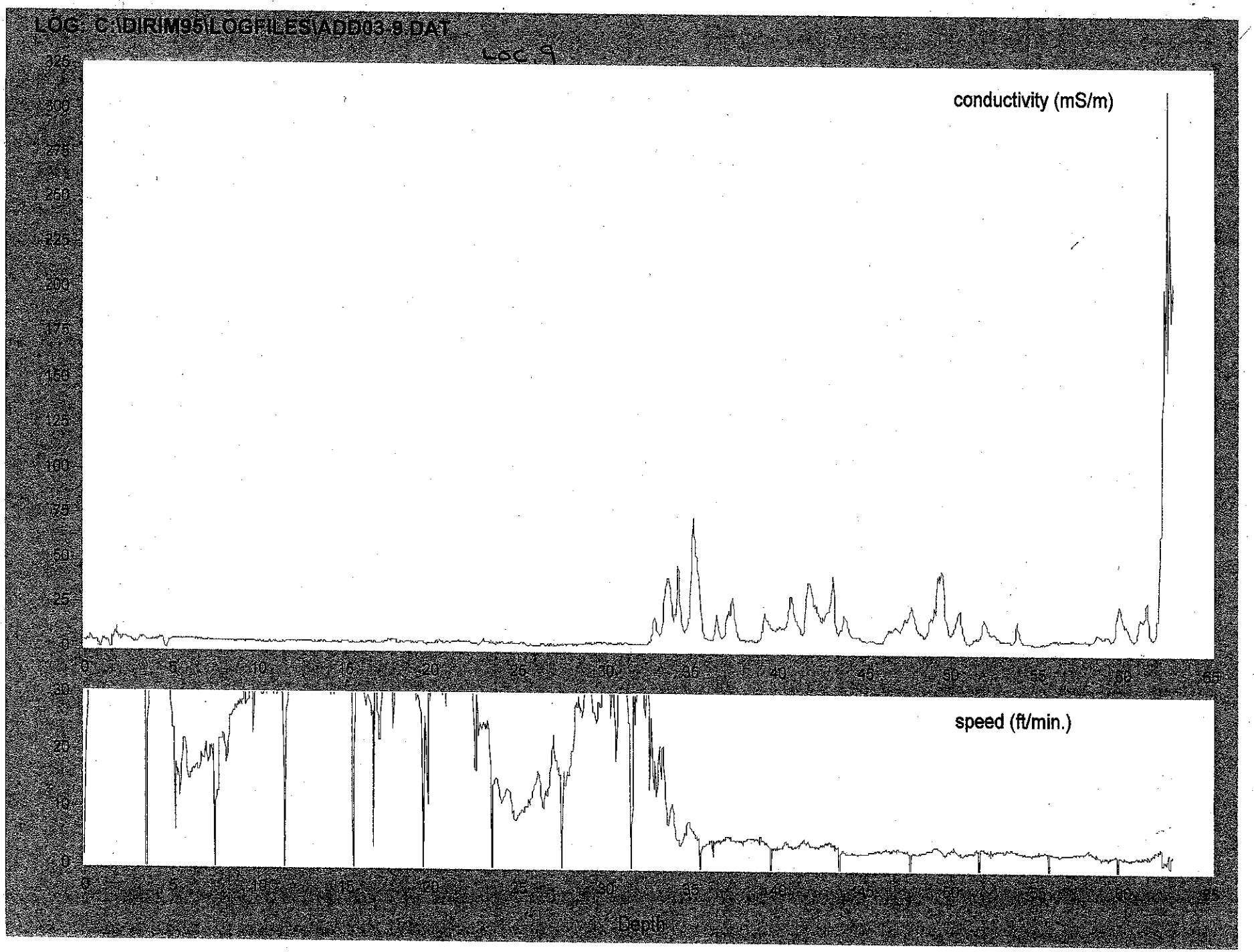
Loc 8
conductivity (mS/m)
speed (ft/min)
Depth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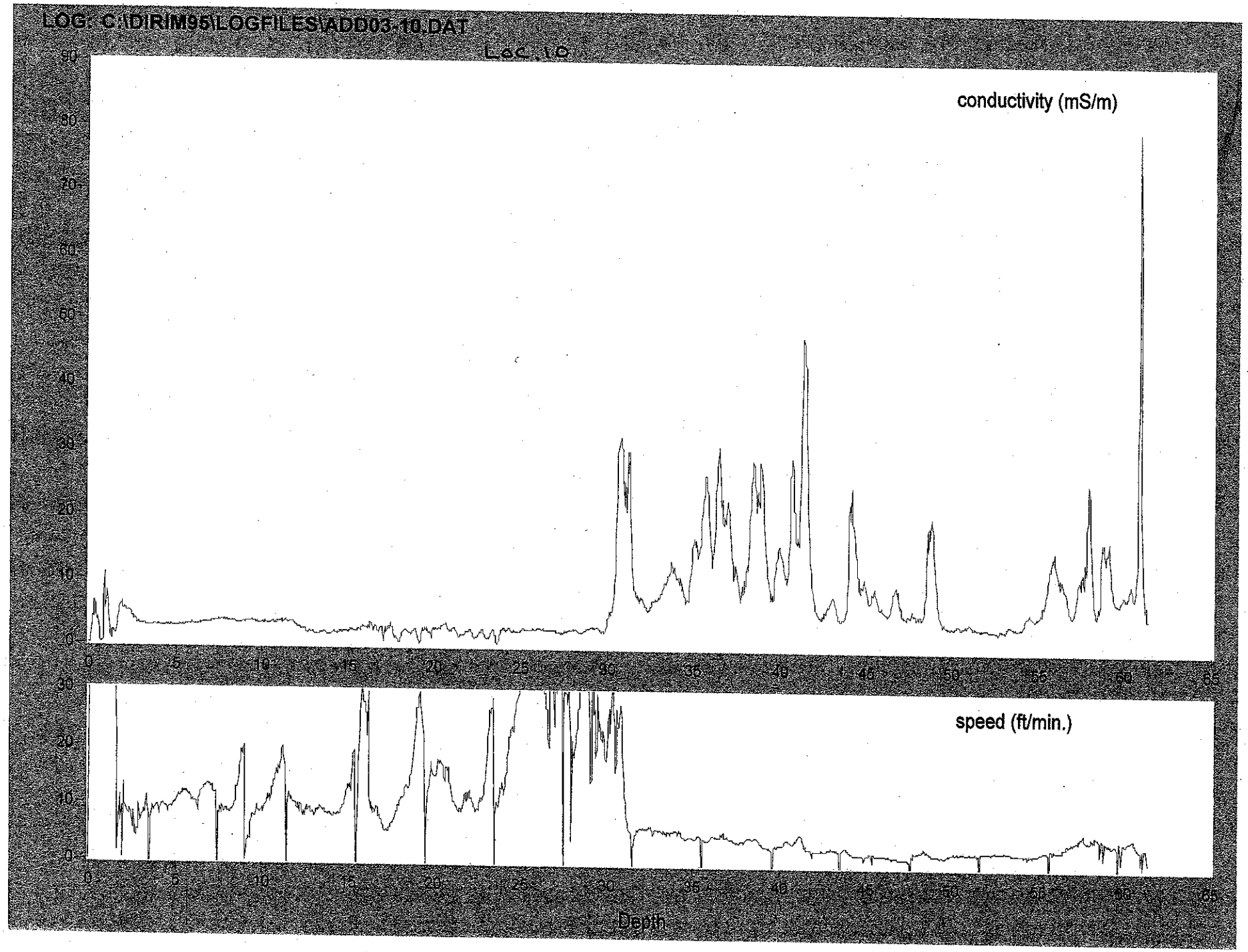
Loc 9
conductivity (mS/m)
speed (ft/min.)
Depth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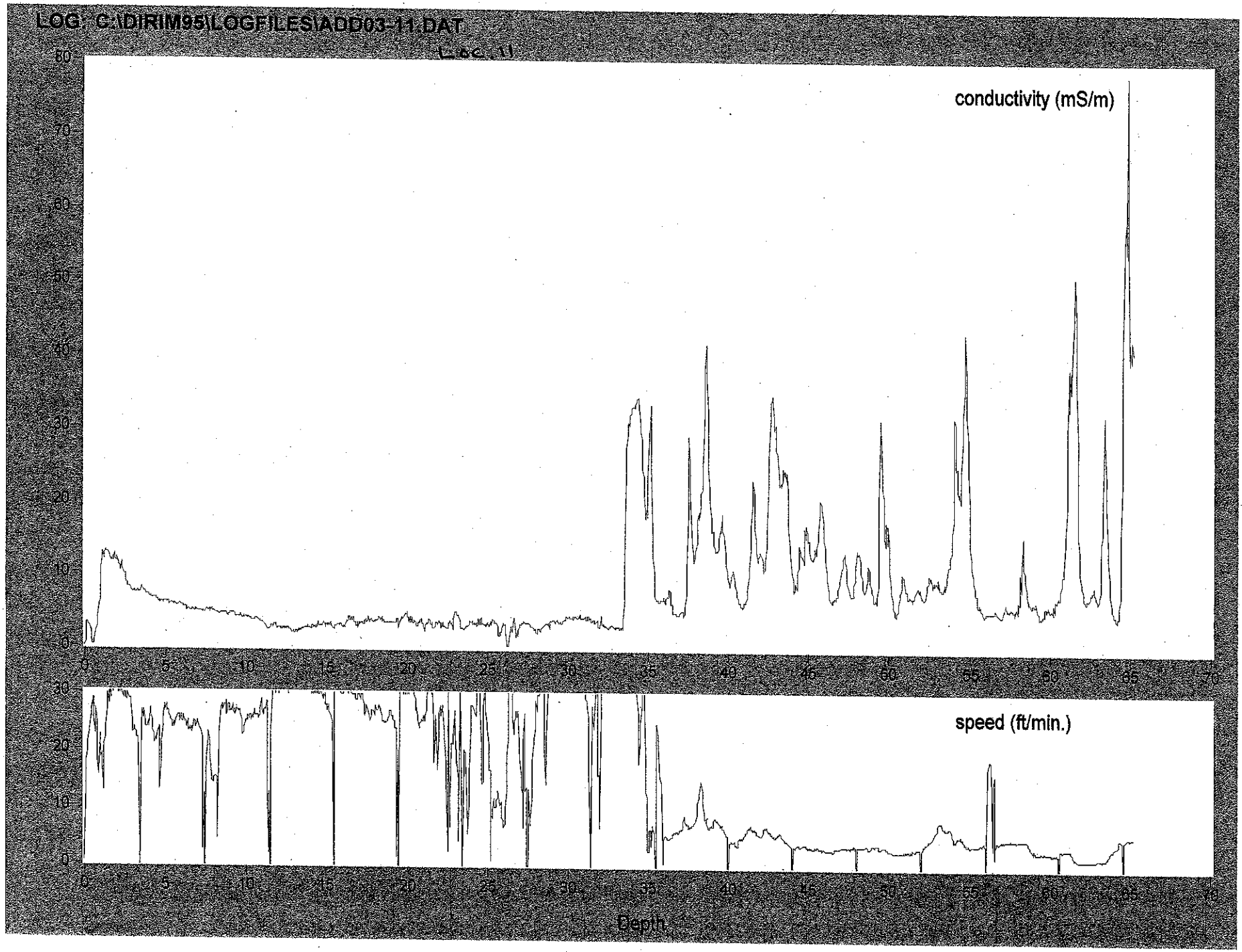
Loc. 10
conductivity (mS/m)
speed (ft/min.)
Depth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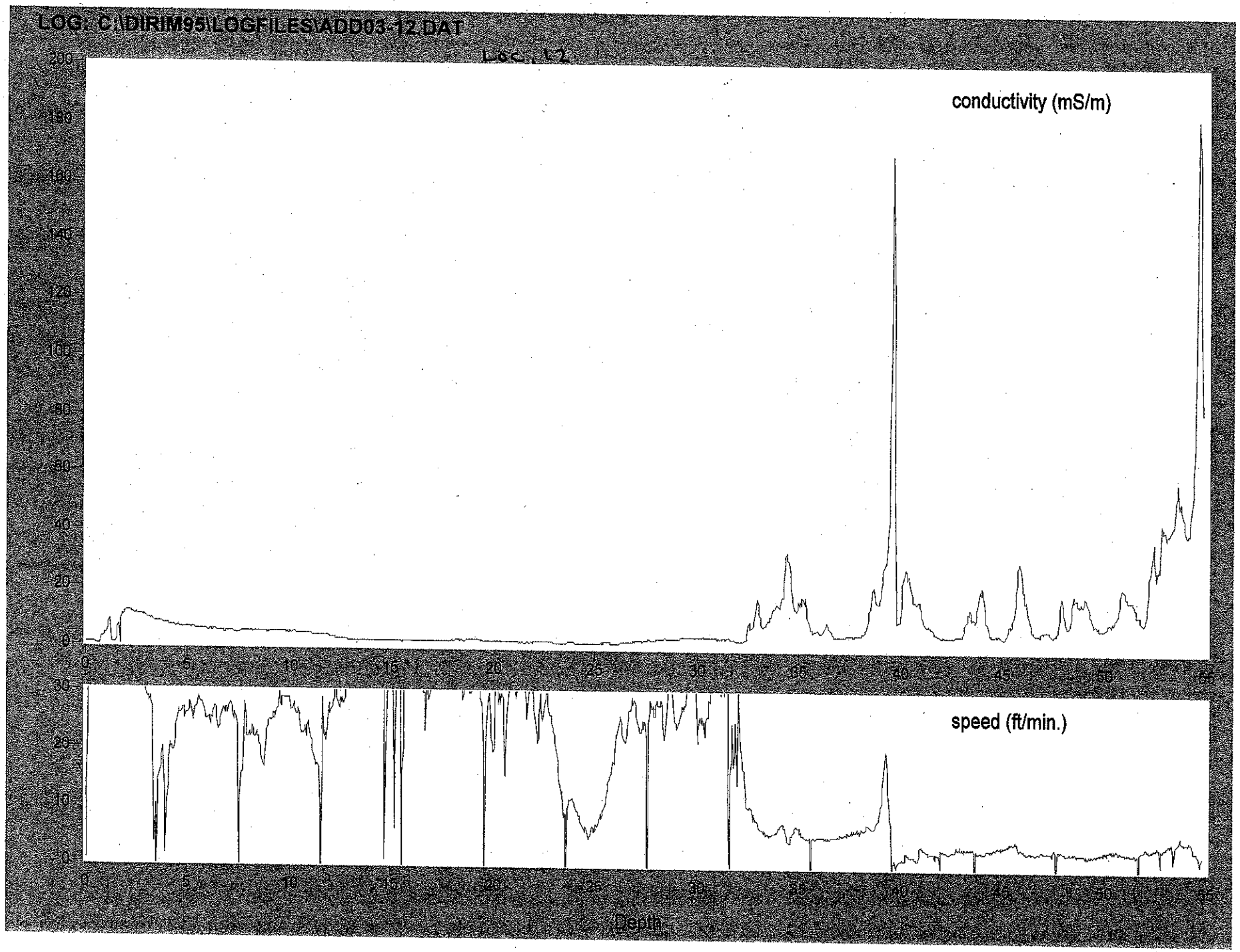
conductivity (mS/m)
speed (ft/min.)
Depth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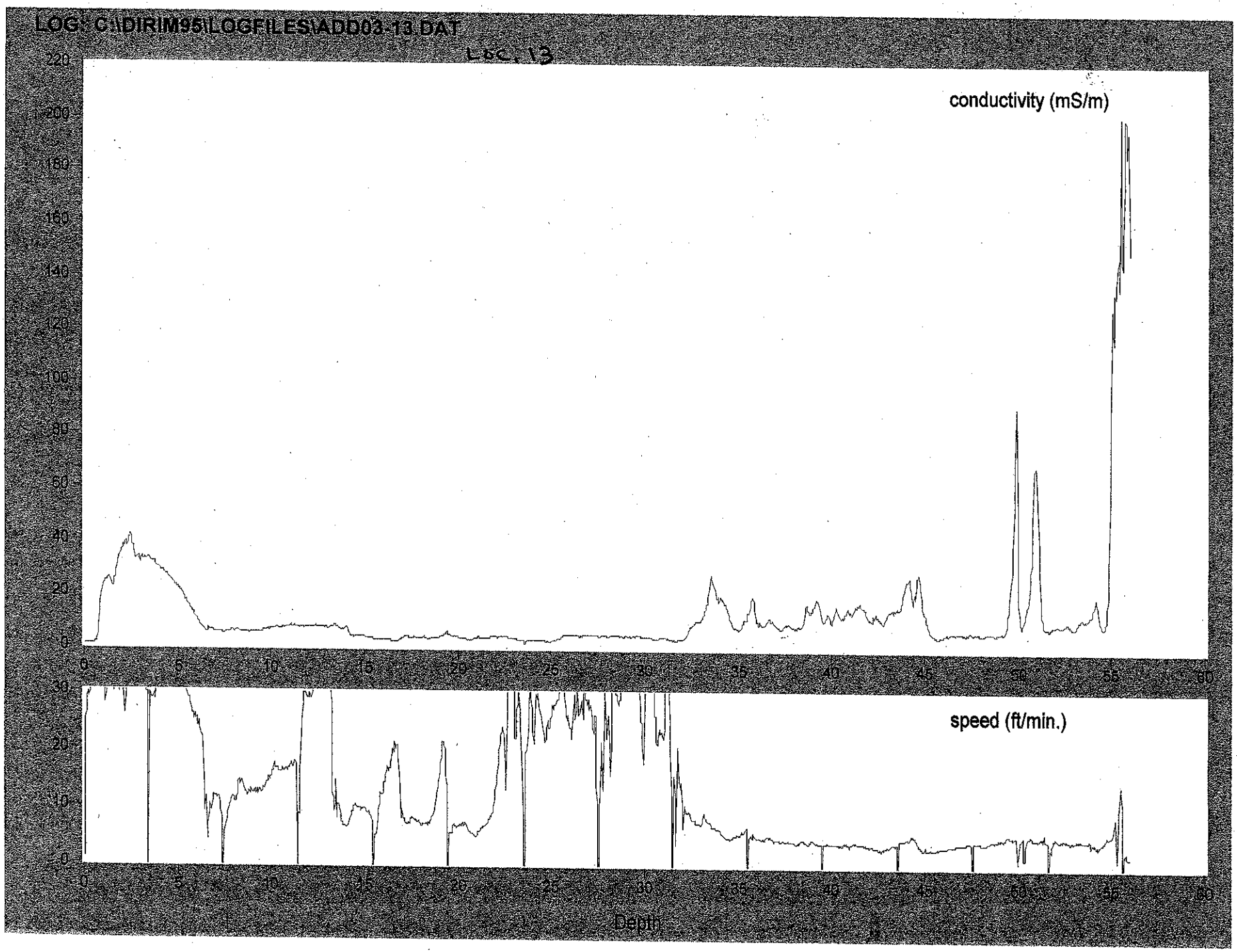
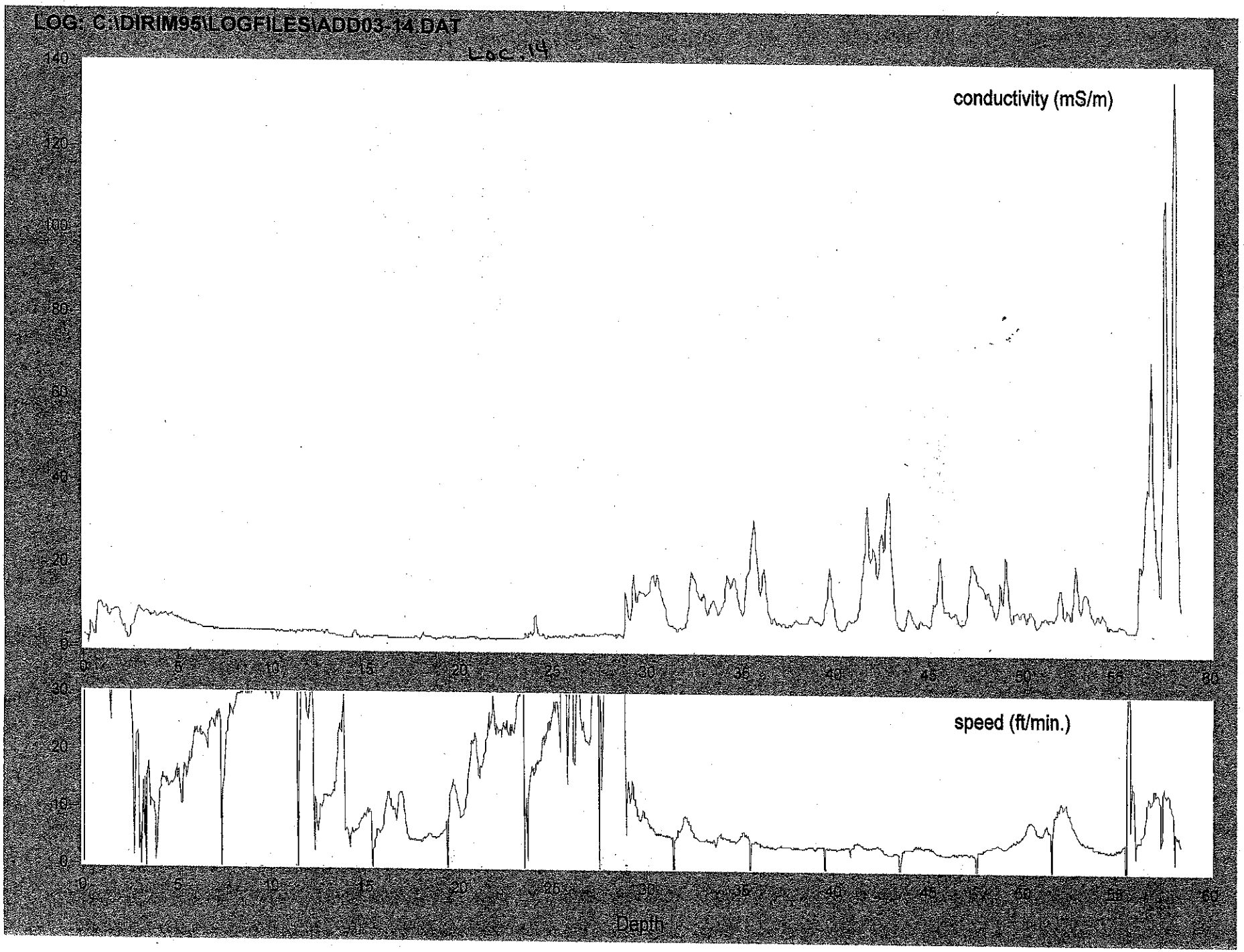
conductivity (mS/m)
speed (ft/min.)
Depth


LOG: C:\DIRM95\LOGFILES\ADD03-13.DAT
Loc. 13
conductivity (mS/m)
220
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
speed (ft/min.)
30
20
10
0
Depth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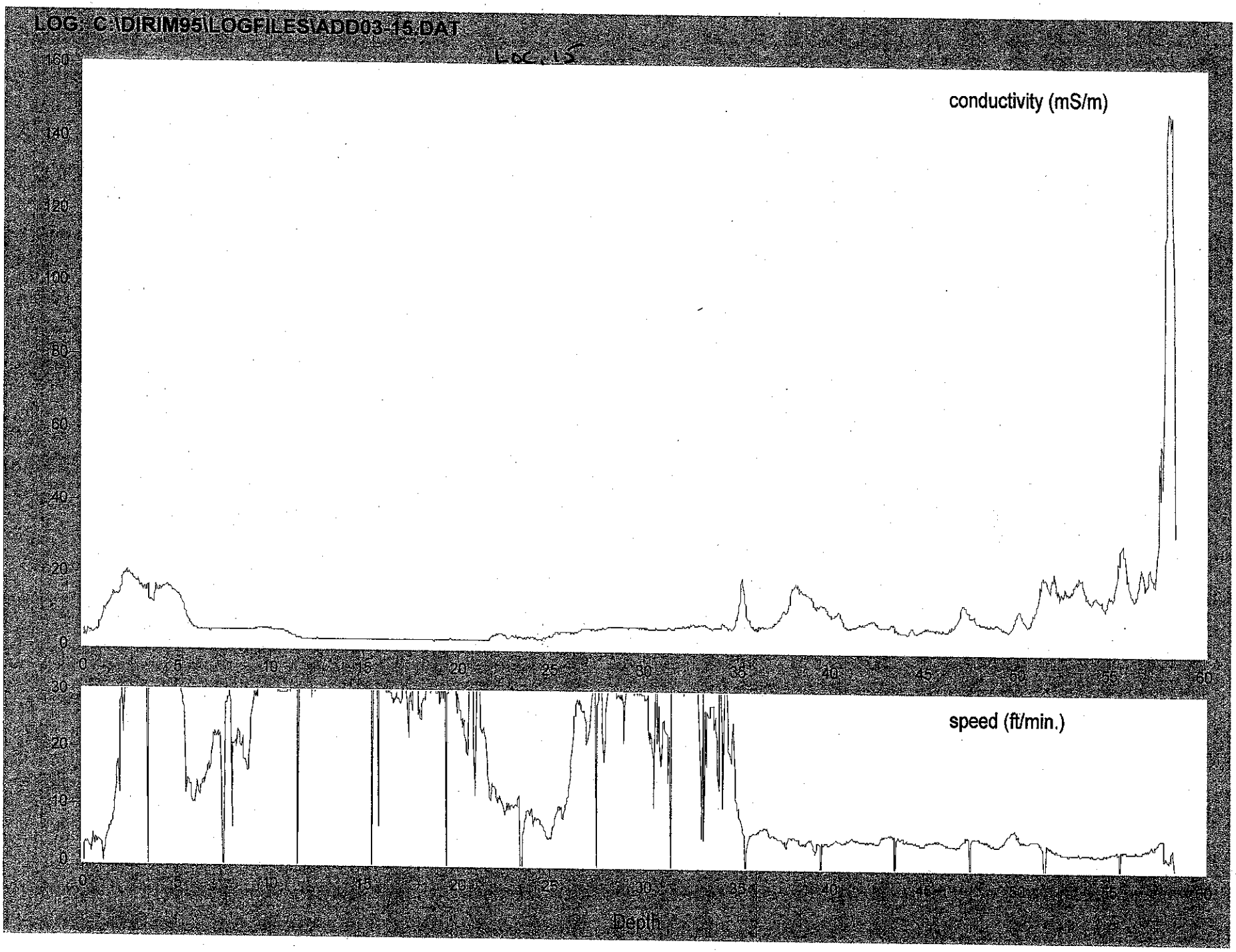
Loc. 14
conductivity (mS/m)
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
speed (ft/min.)
20
10
0
Depth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LOC 15
conductivity (mS/m)
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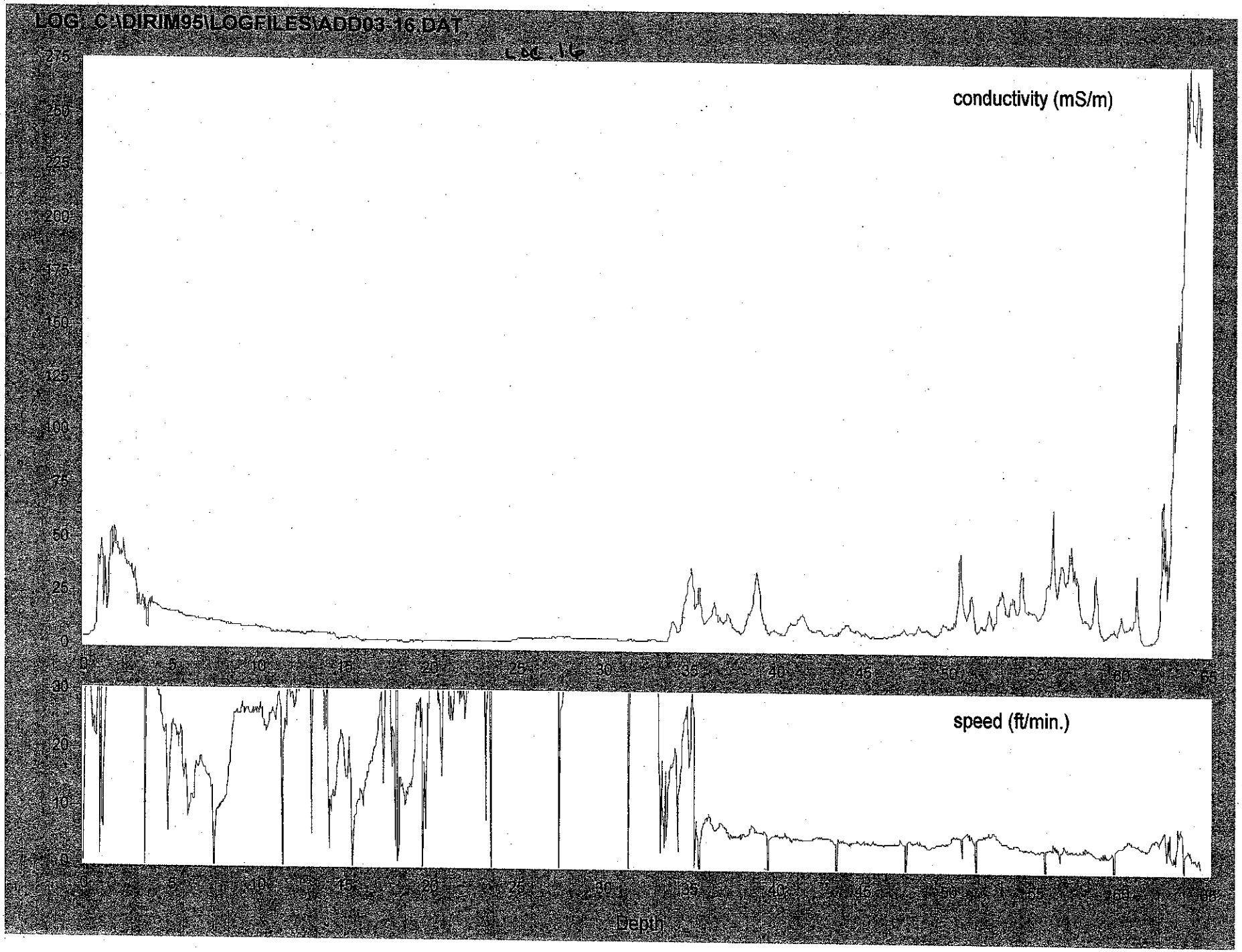
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
speed (ft/min.)
30
20
10
0
Depth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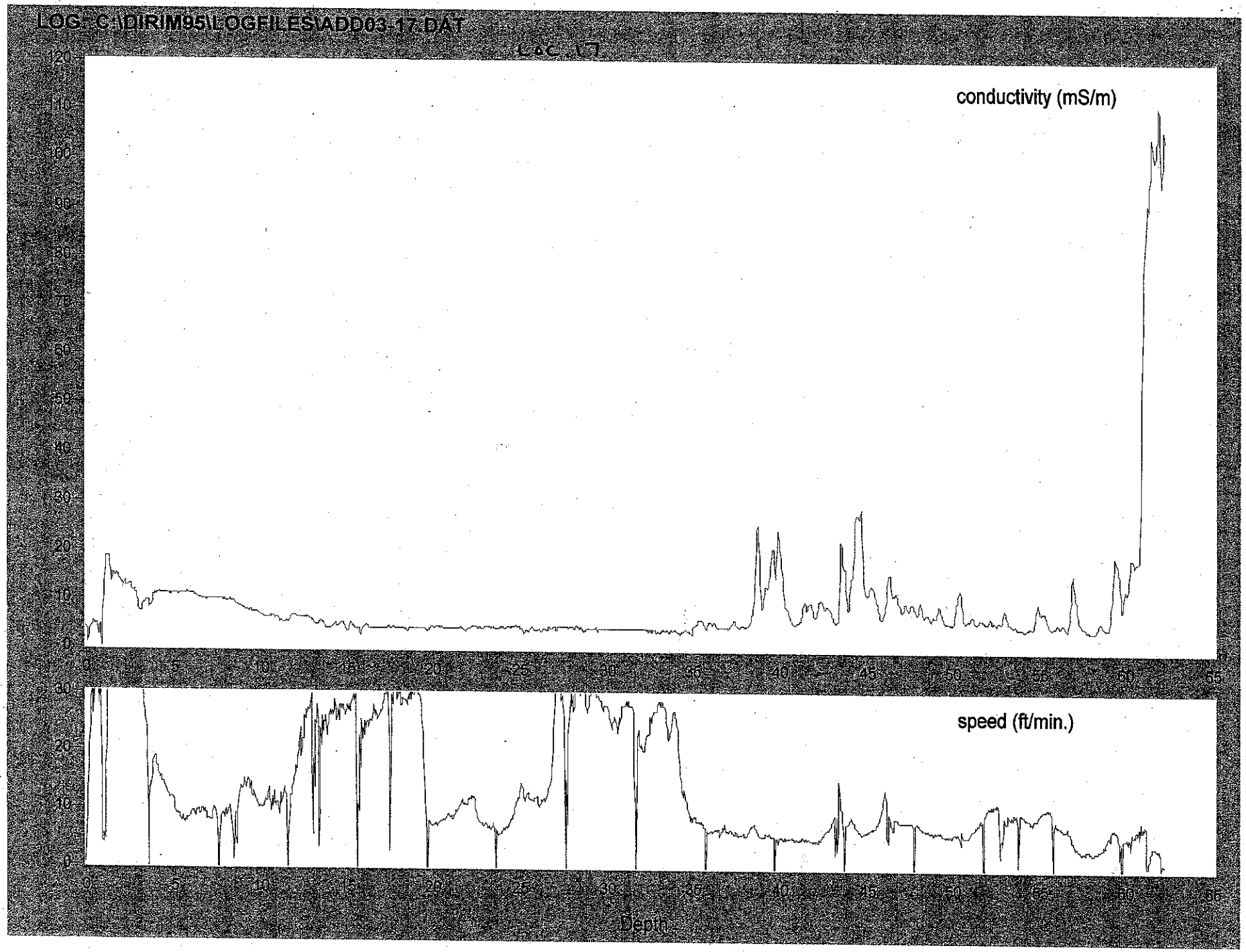
conductivity (mS/m)
speed (ft/min.)
Depth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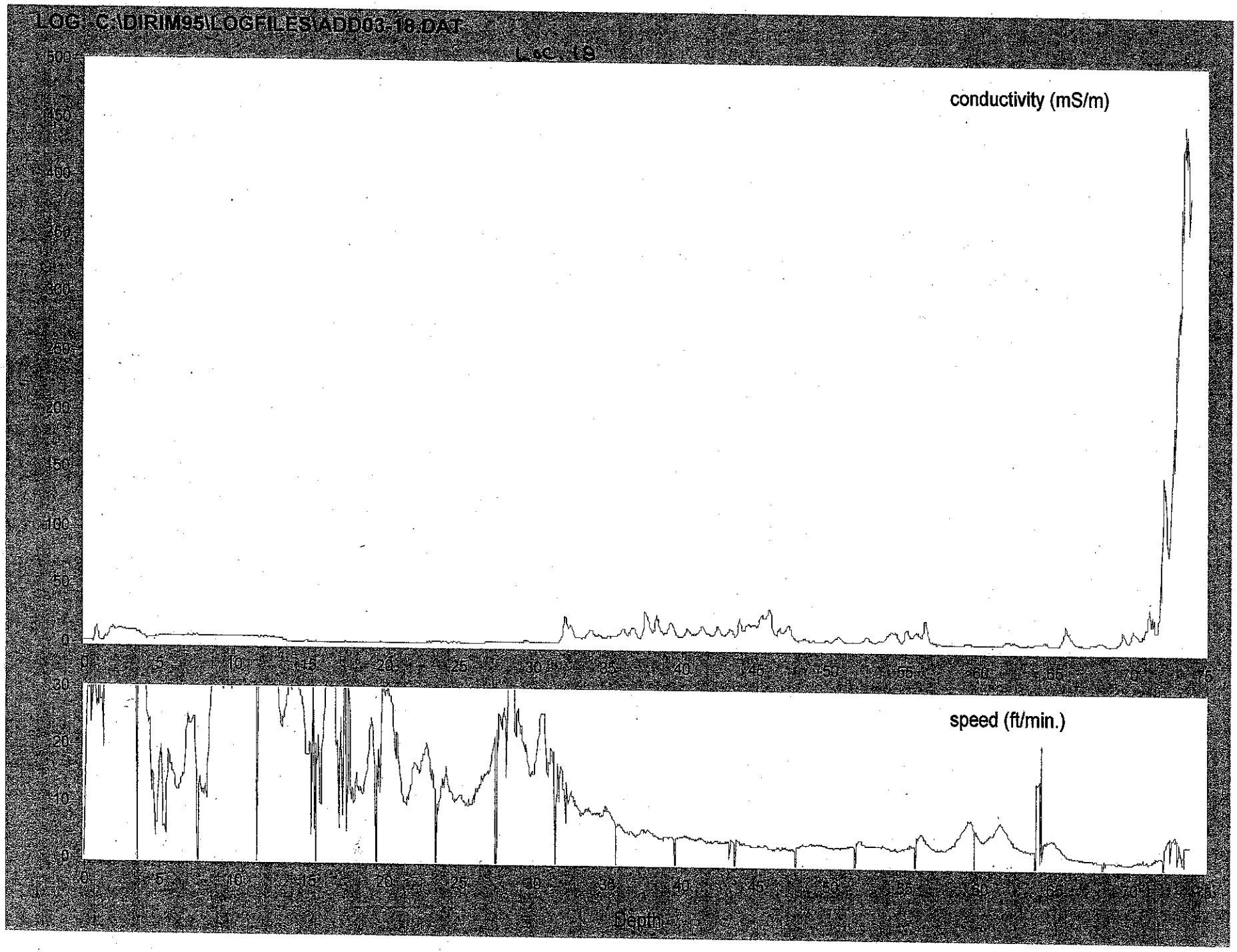
conductivity (mS/m)
speed (ft/min.)
Depth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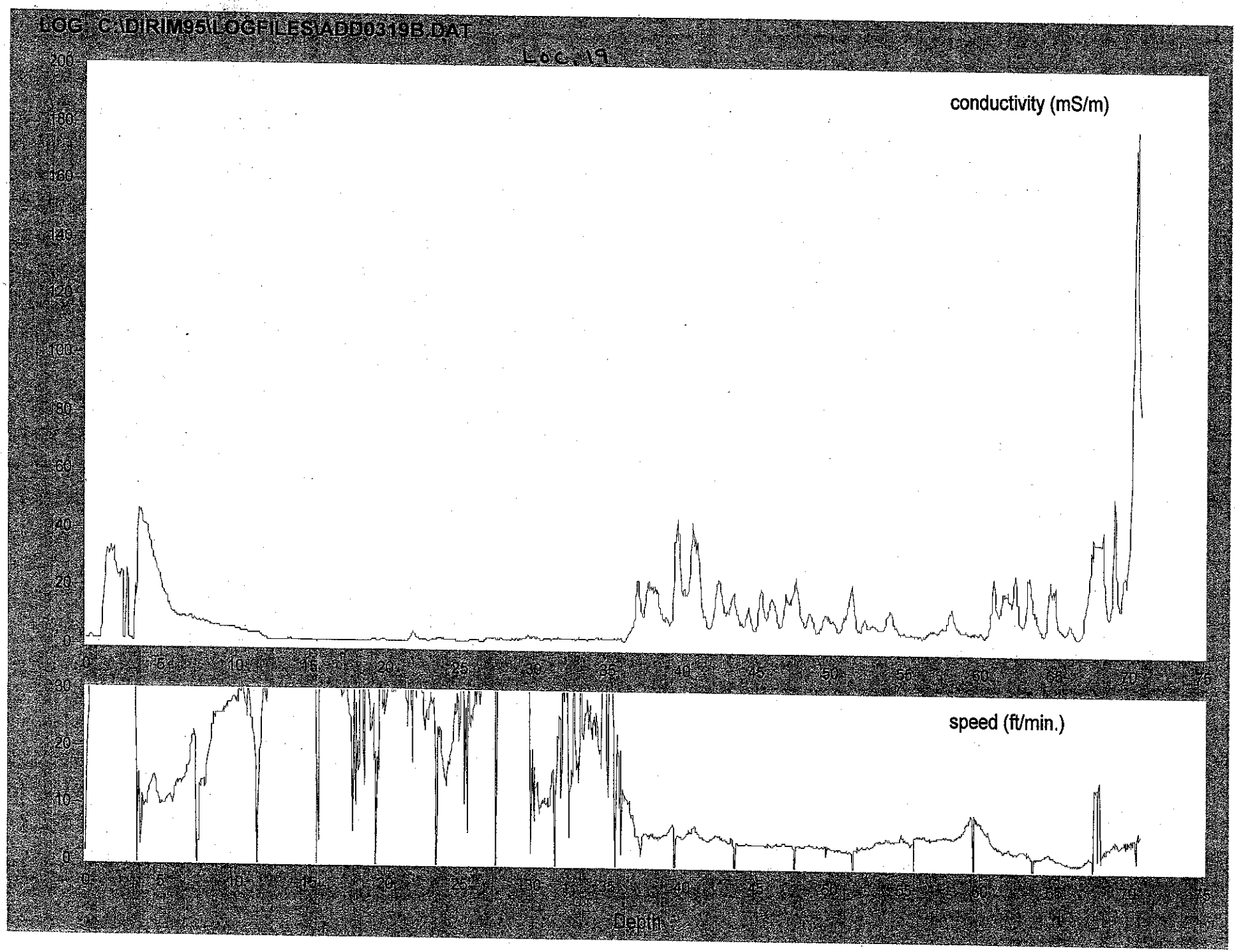
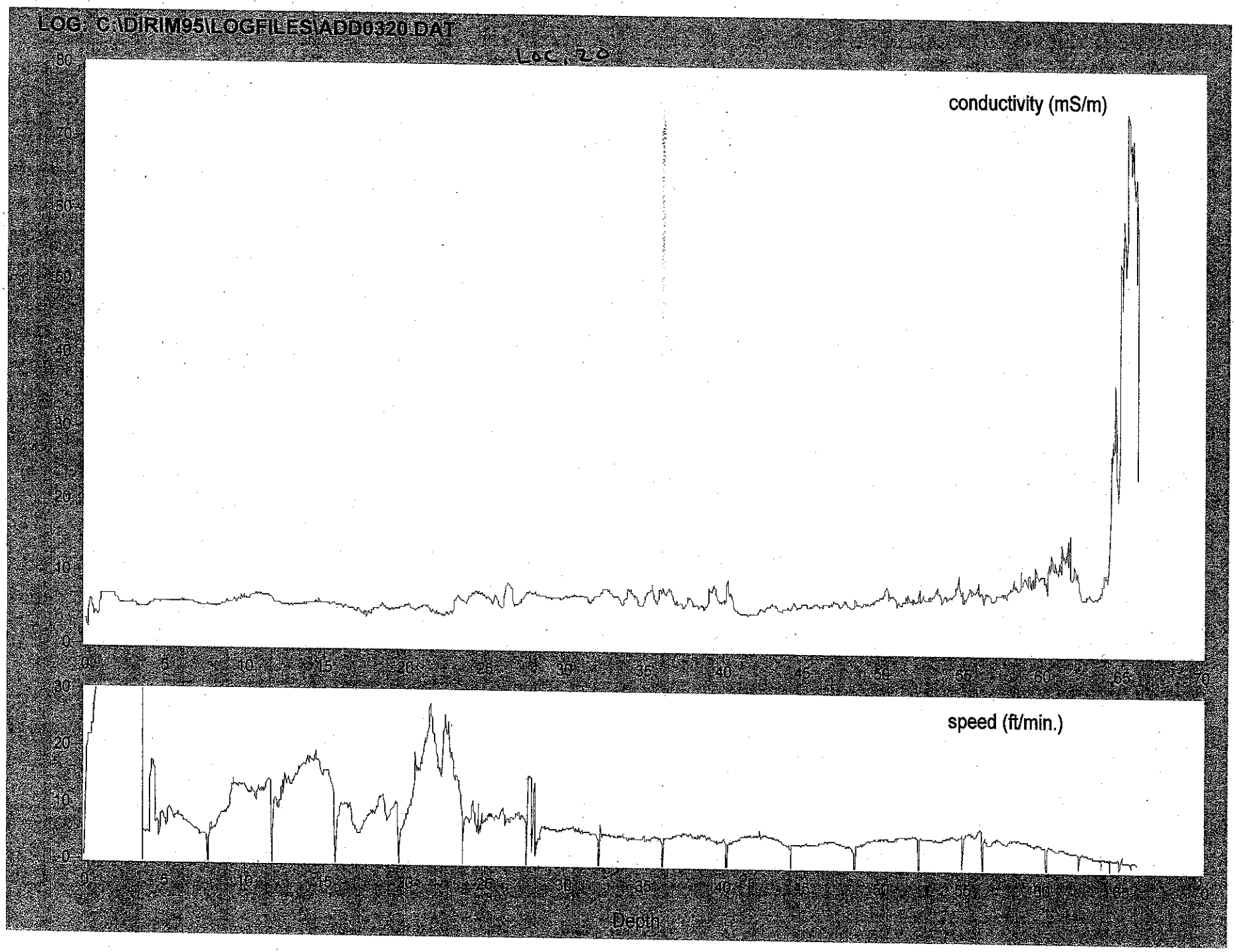
conductivity (mS/m)
speed (ft/min.)
Depth


LOG: C:\DIRIM95\LOGFILES\ADD0319B.DAT
Loc. 19
conductivity (mS/m)
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
speed (ft/min.)
30
20
10
0
Depth


LOG: C:\DIRIM95\LOGFILES\ADD0320.DAT
Loc. 20
conductivity (mS/m)
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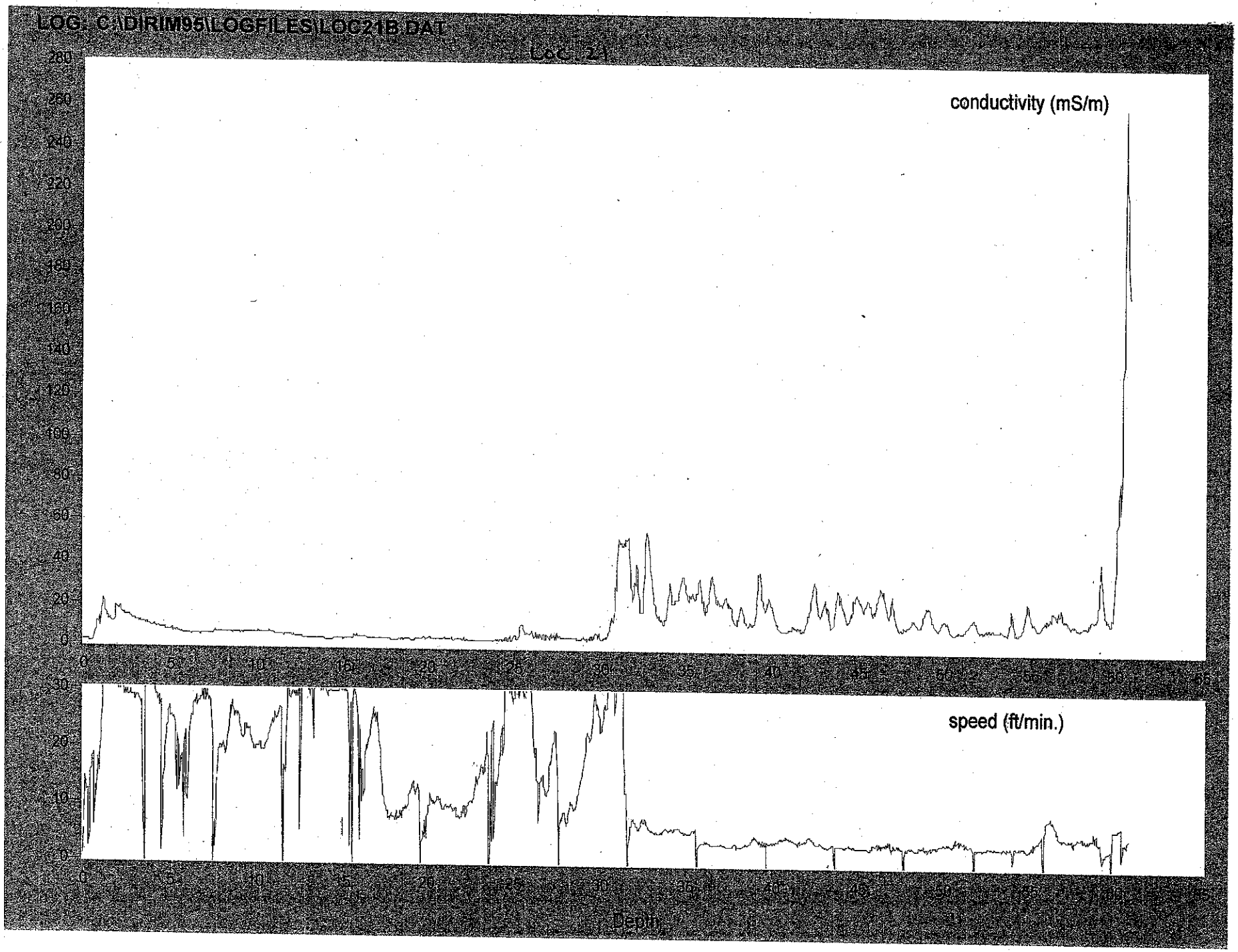
70
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
speed (ft/min.)
30
20
10
0
Depth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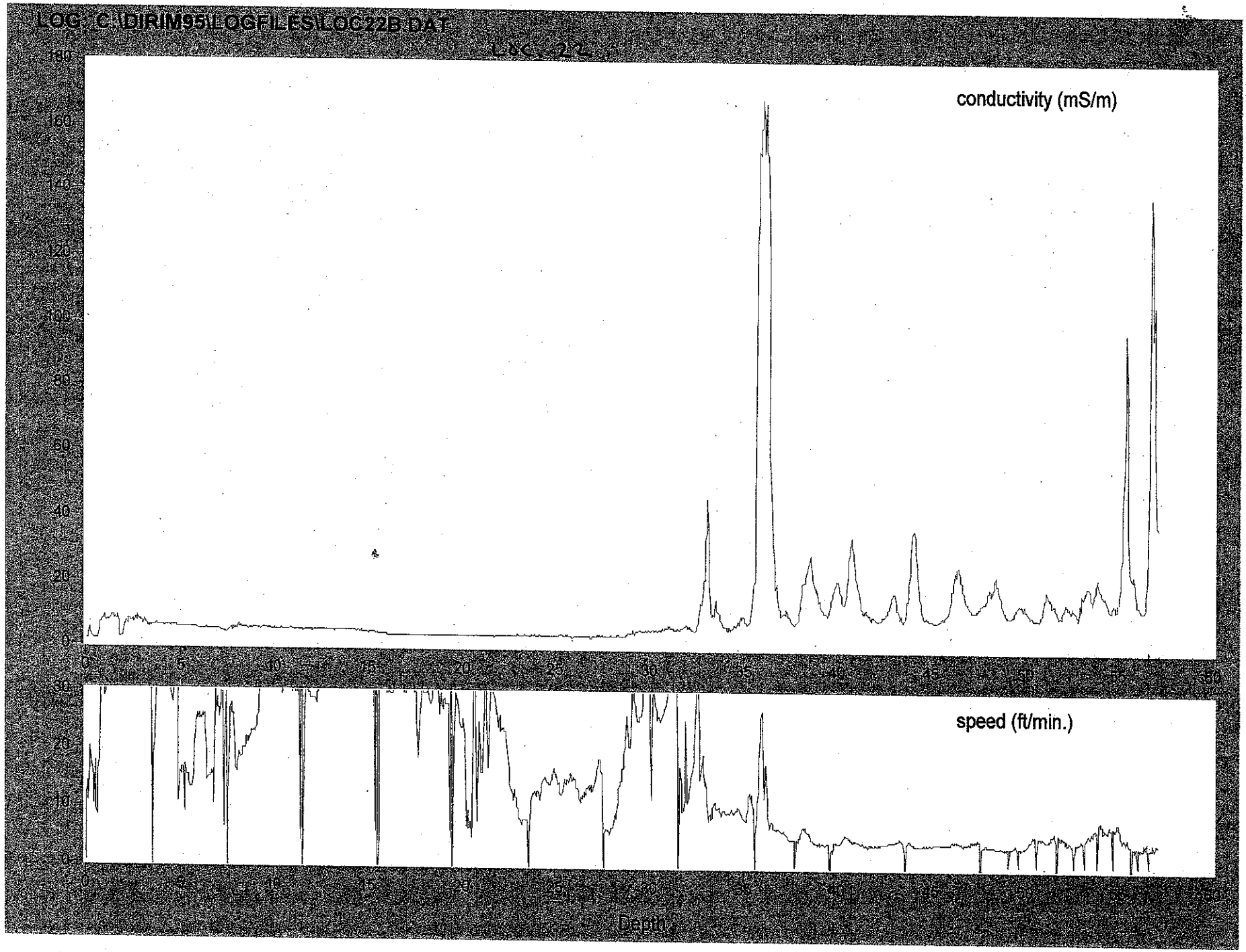
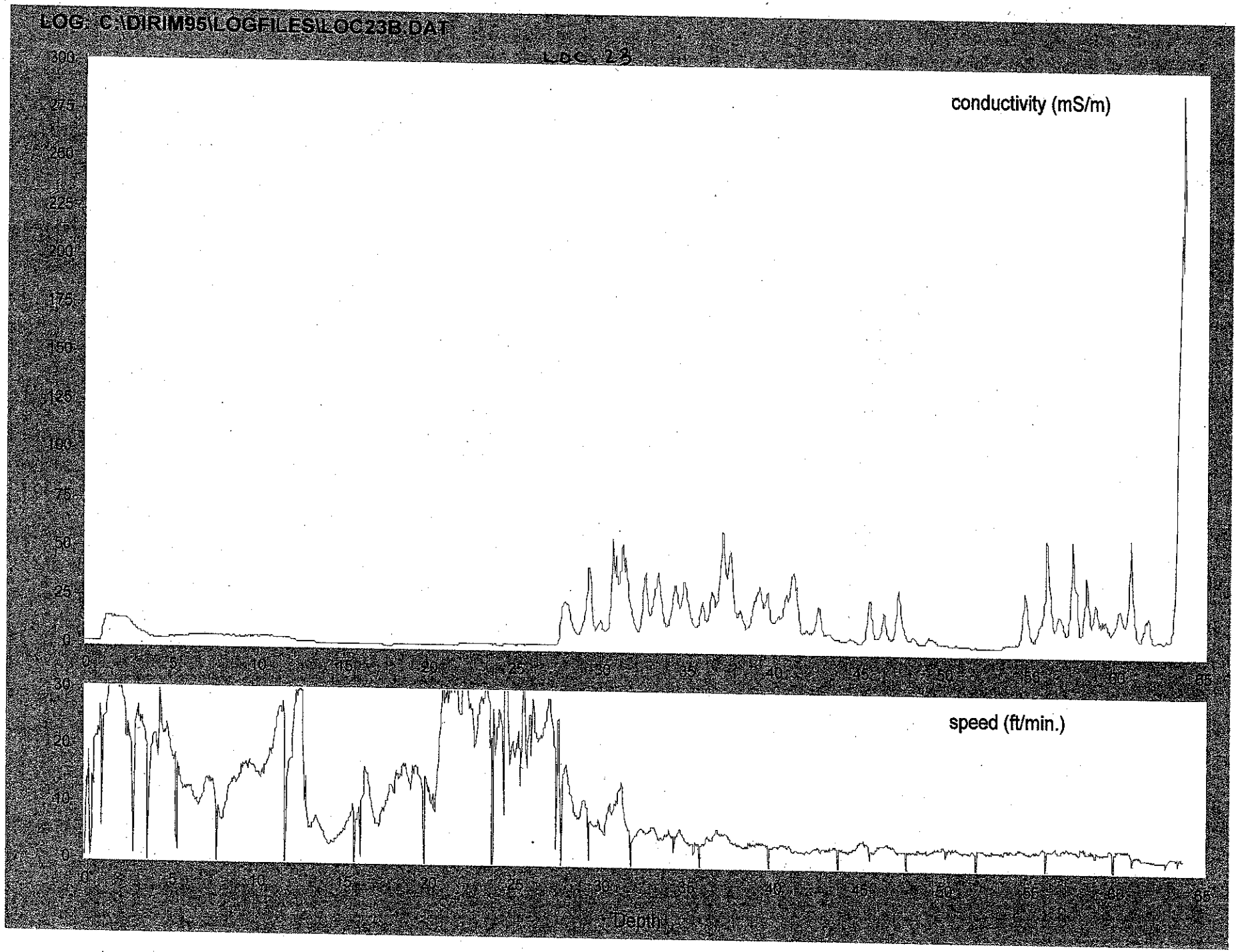
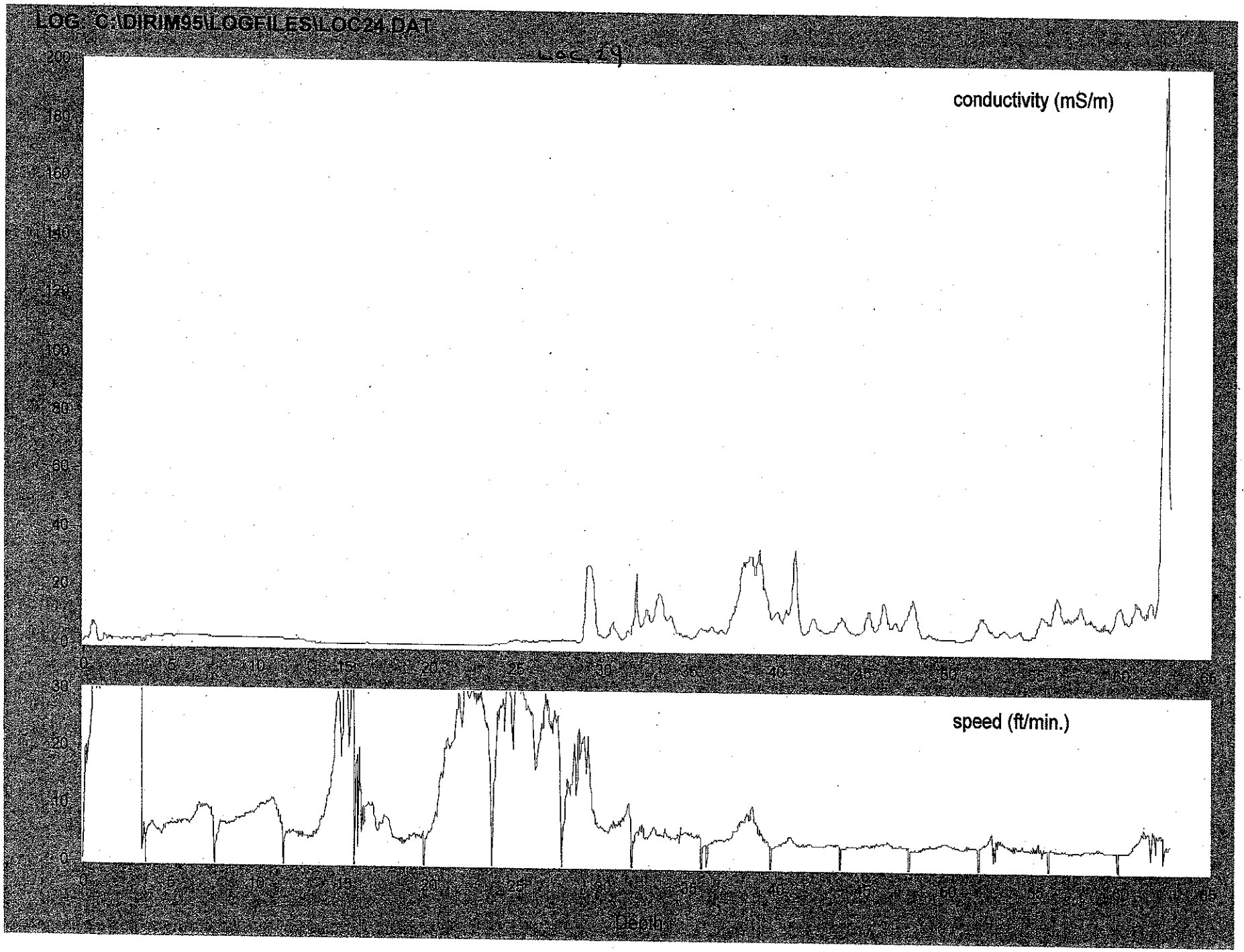
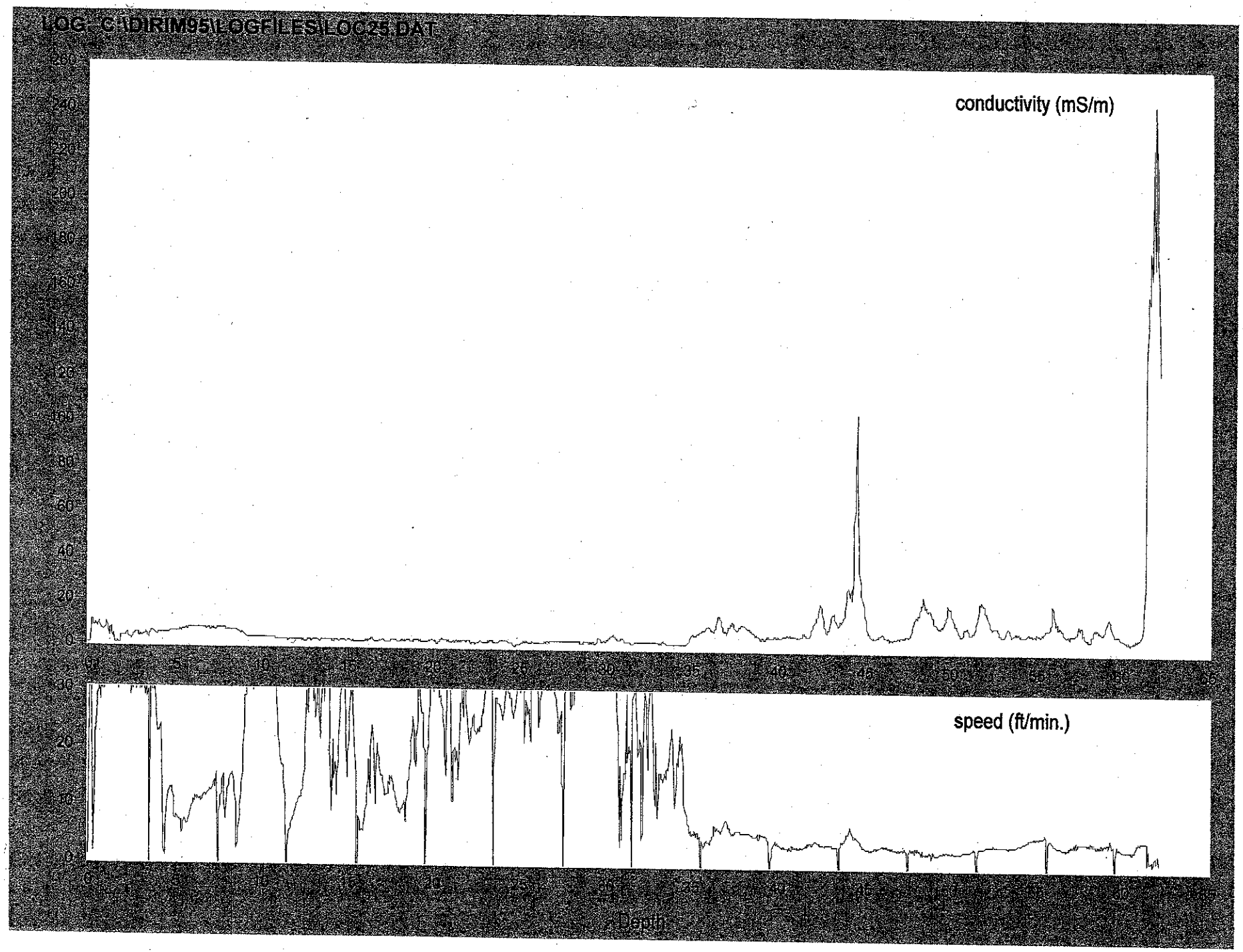
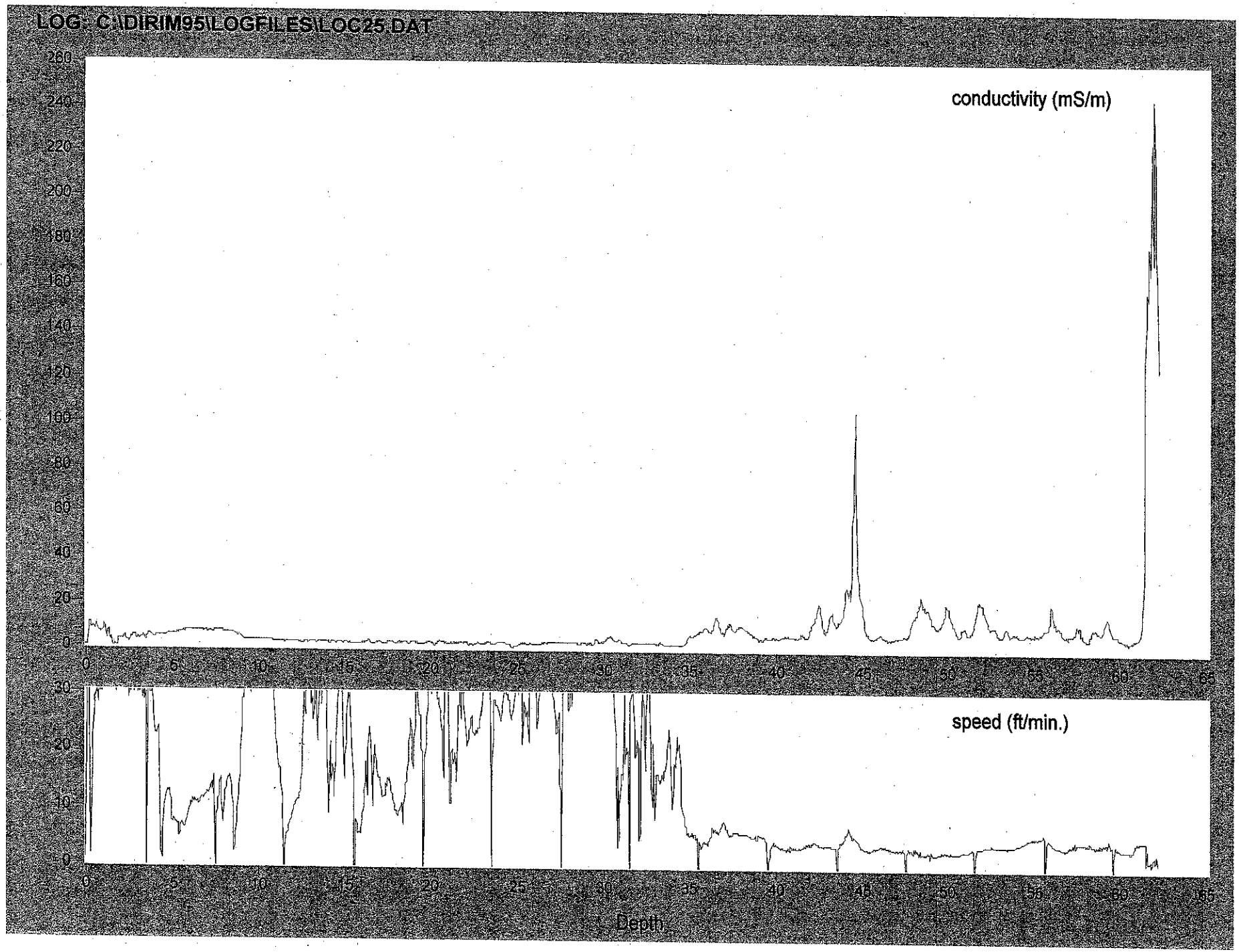
Loc 21
conductivity (mS/m)
speed (ft/min.)
Depth

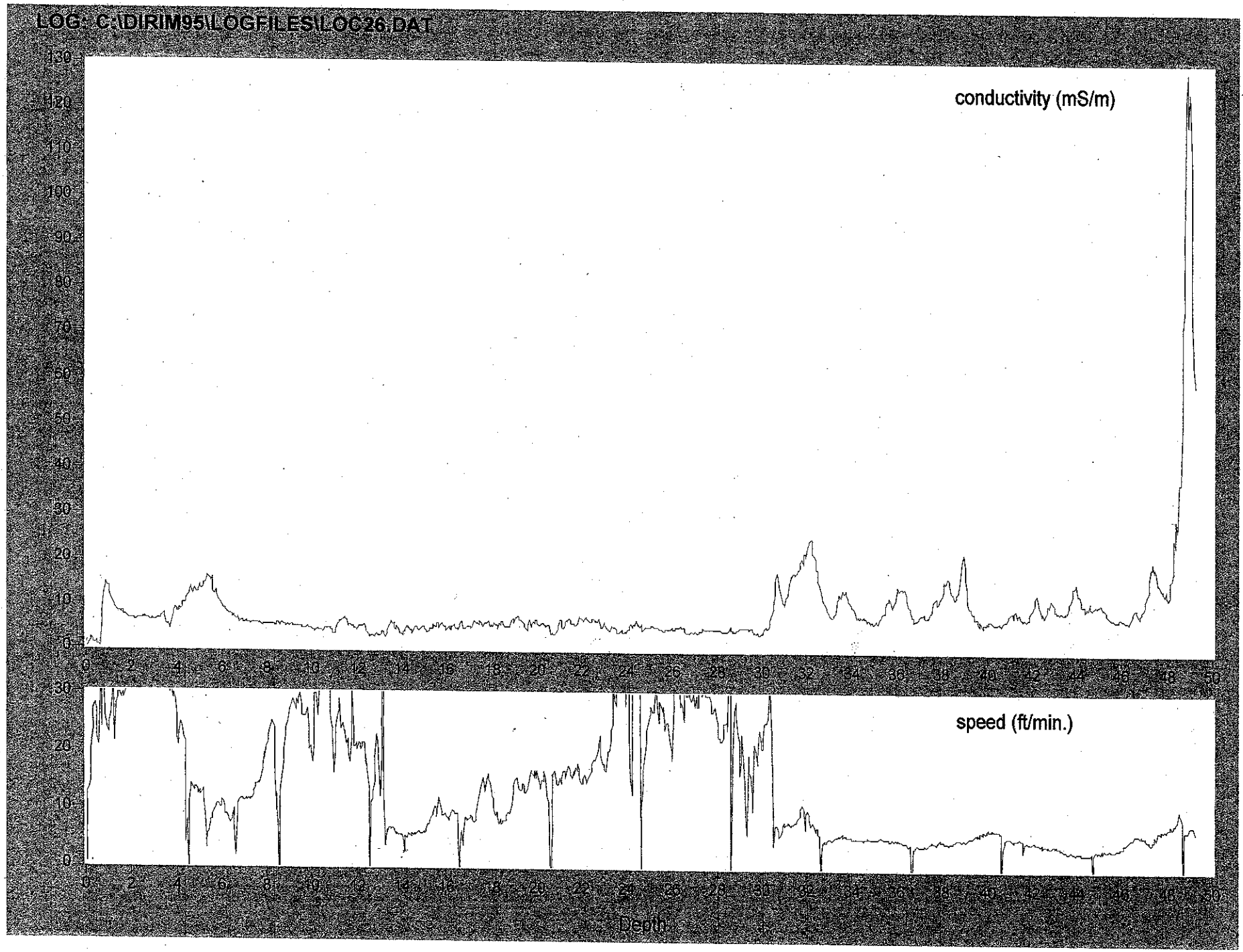

LOG: C:\DIRIM95\LOGFILES\LOC22B.DAT
Loc-22
conductivity (mS/m)
speed (ft/min.)
Depth

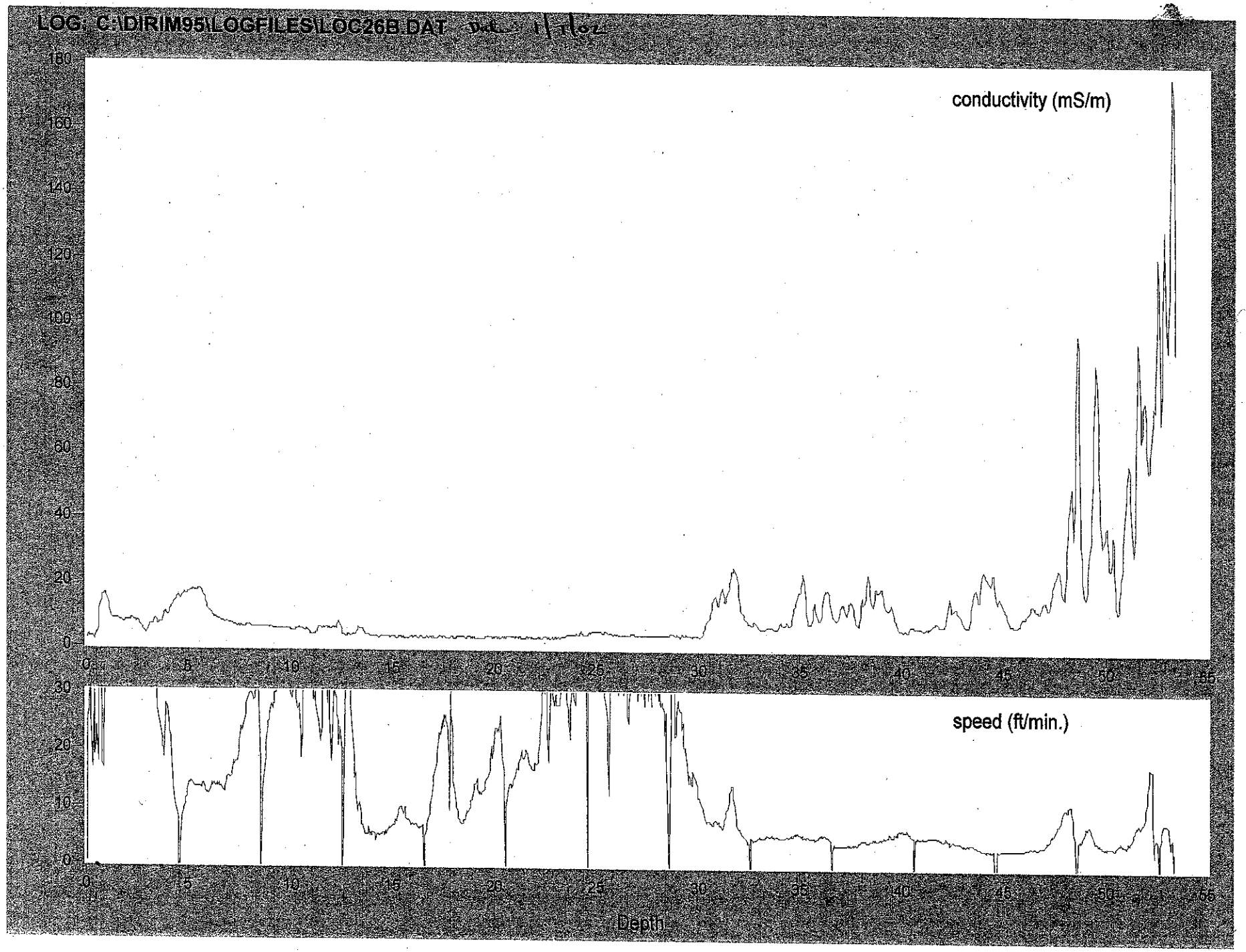

LOG: C:\DIRIM95\LOGFILES\LOC23B.DAT
LOC 23
conductivity (mS/m)
speed (ft/min.)
Depth

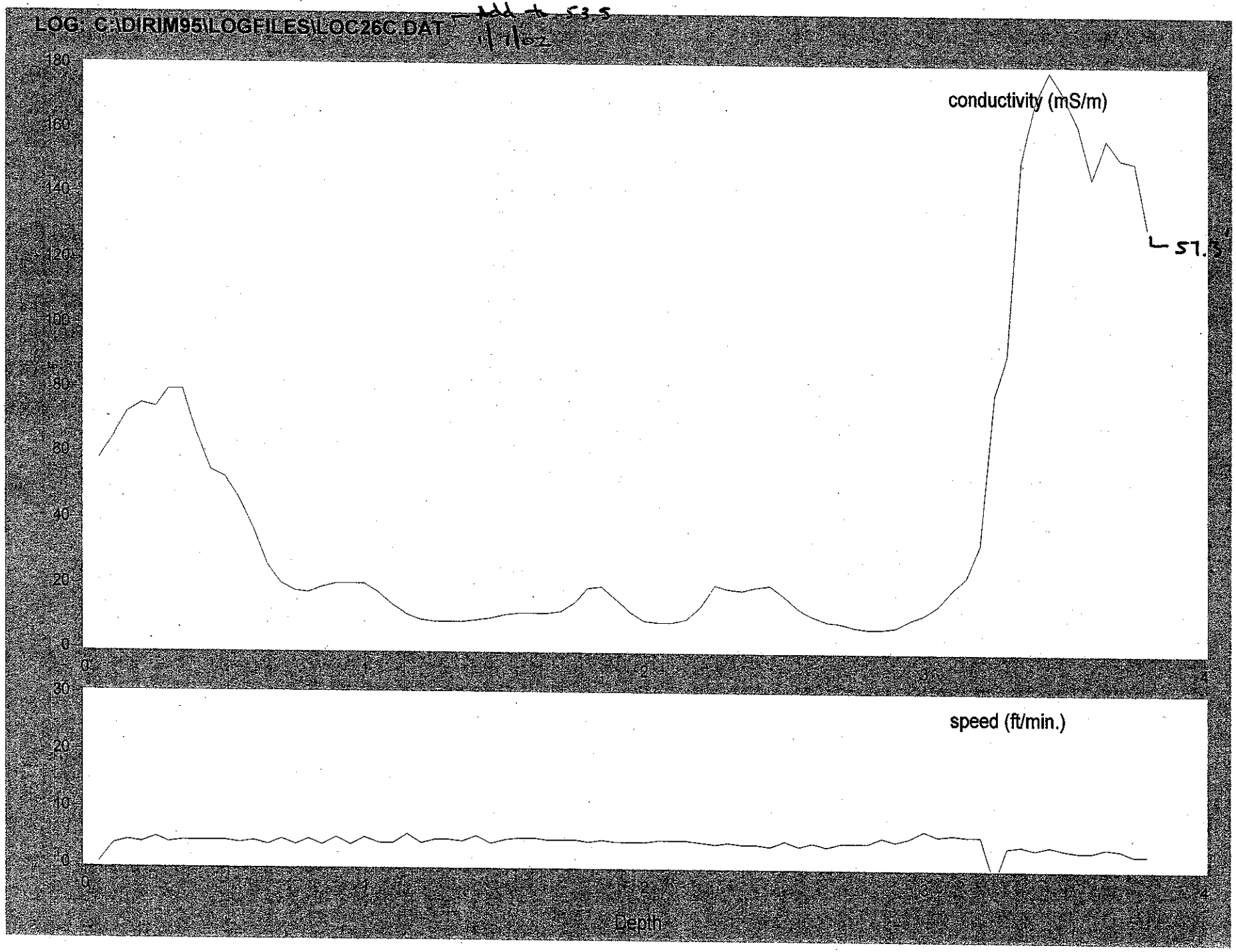

LOG: C:\DIRIM95\LOGFILES\LOC24.DAT
Loc 24
conductivity (mS/m)
speed (ft/min.)
Depth

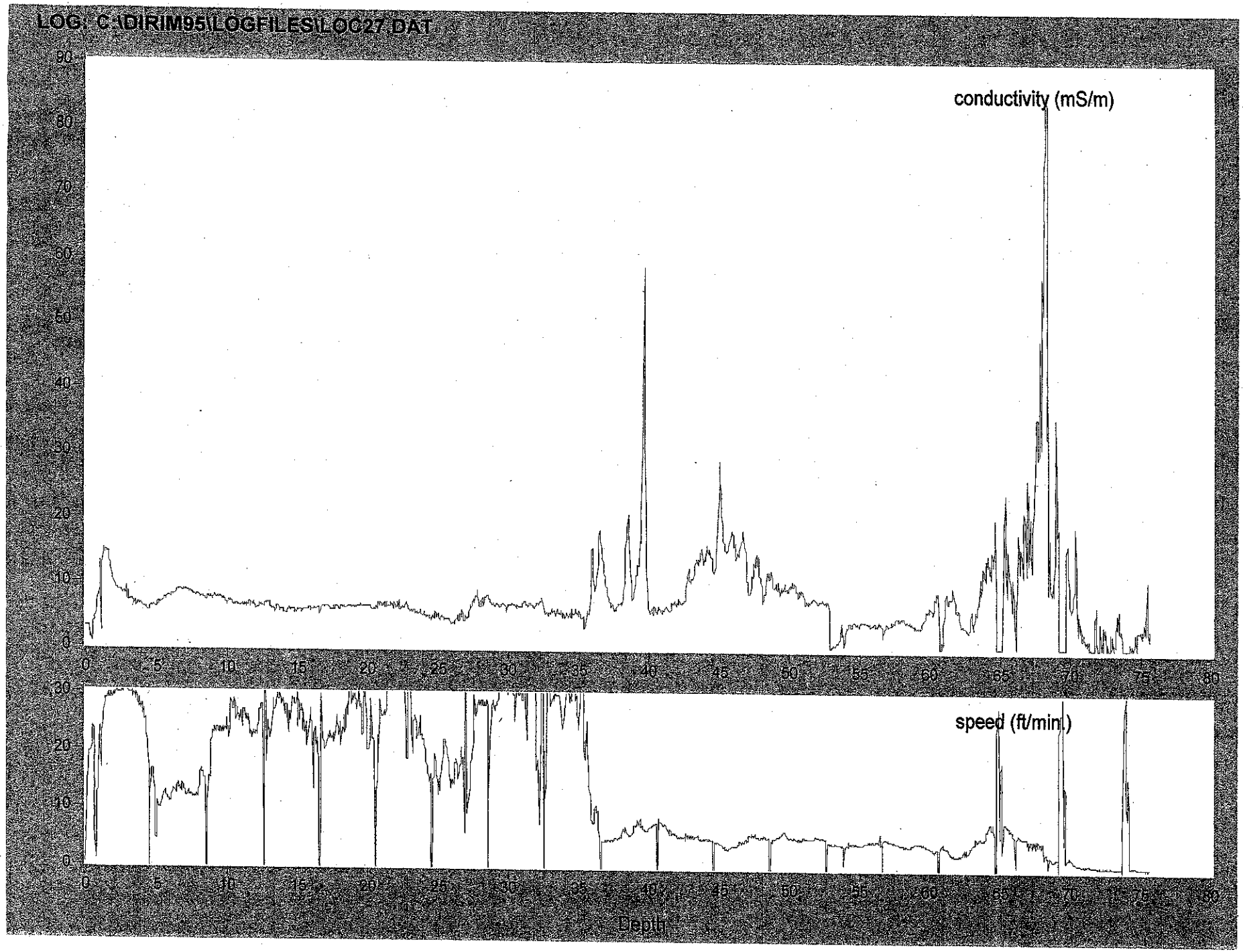

LOG: C:\DIRIM95\LOGFILES\LOG25.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

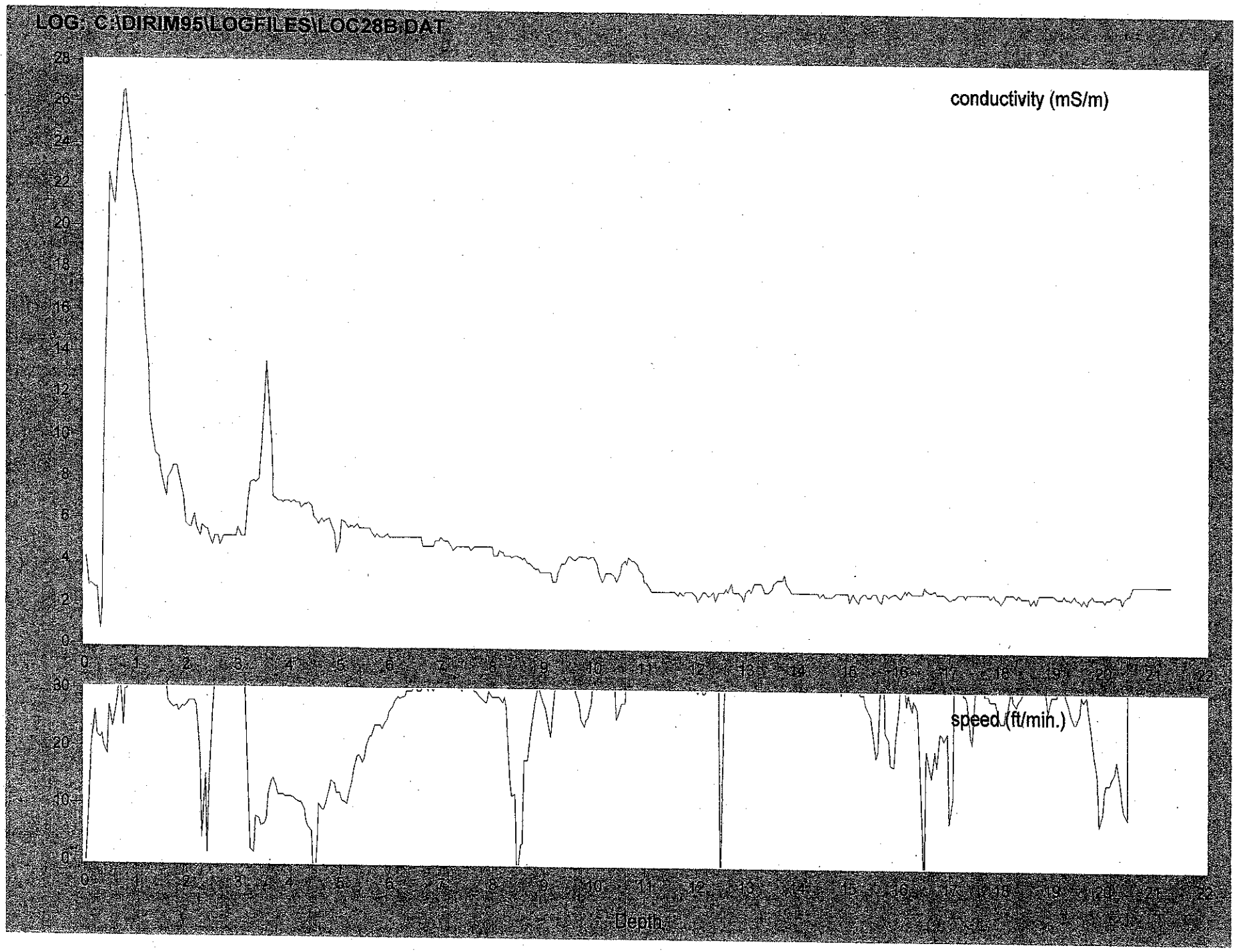

LOG: C:\DIRIM95\LOGFILES\LOC25.DAT
conductivity (mS/m)
260
240
220
200
180
160
140
120
100
80
60
40
20
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
speed (ft/min.)
30
20
10
0
Depth

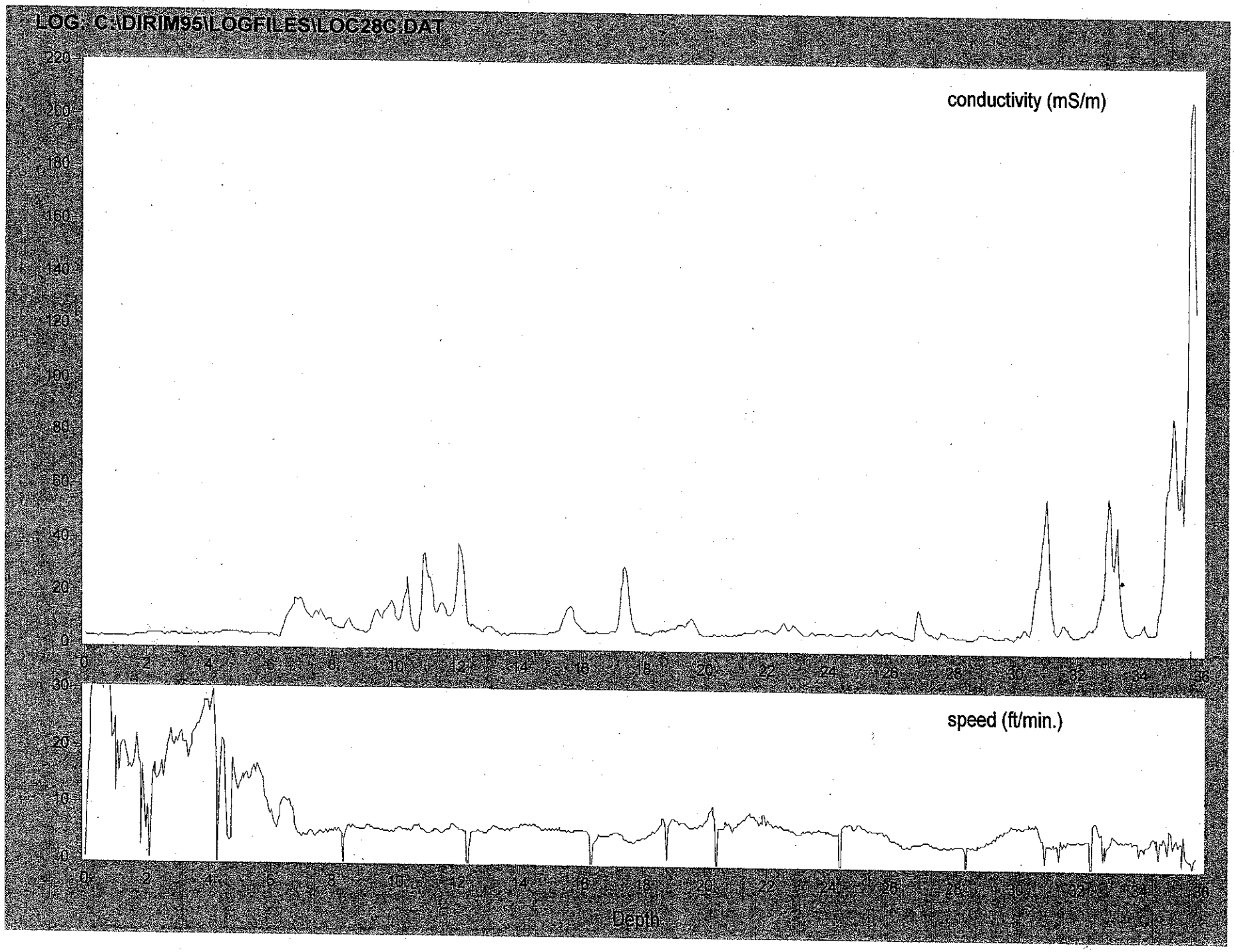

LOG: C:\DIRIM95\LOGFILES\LOC26.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

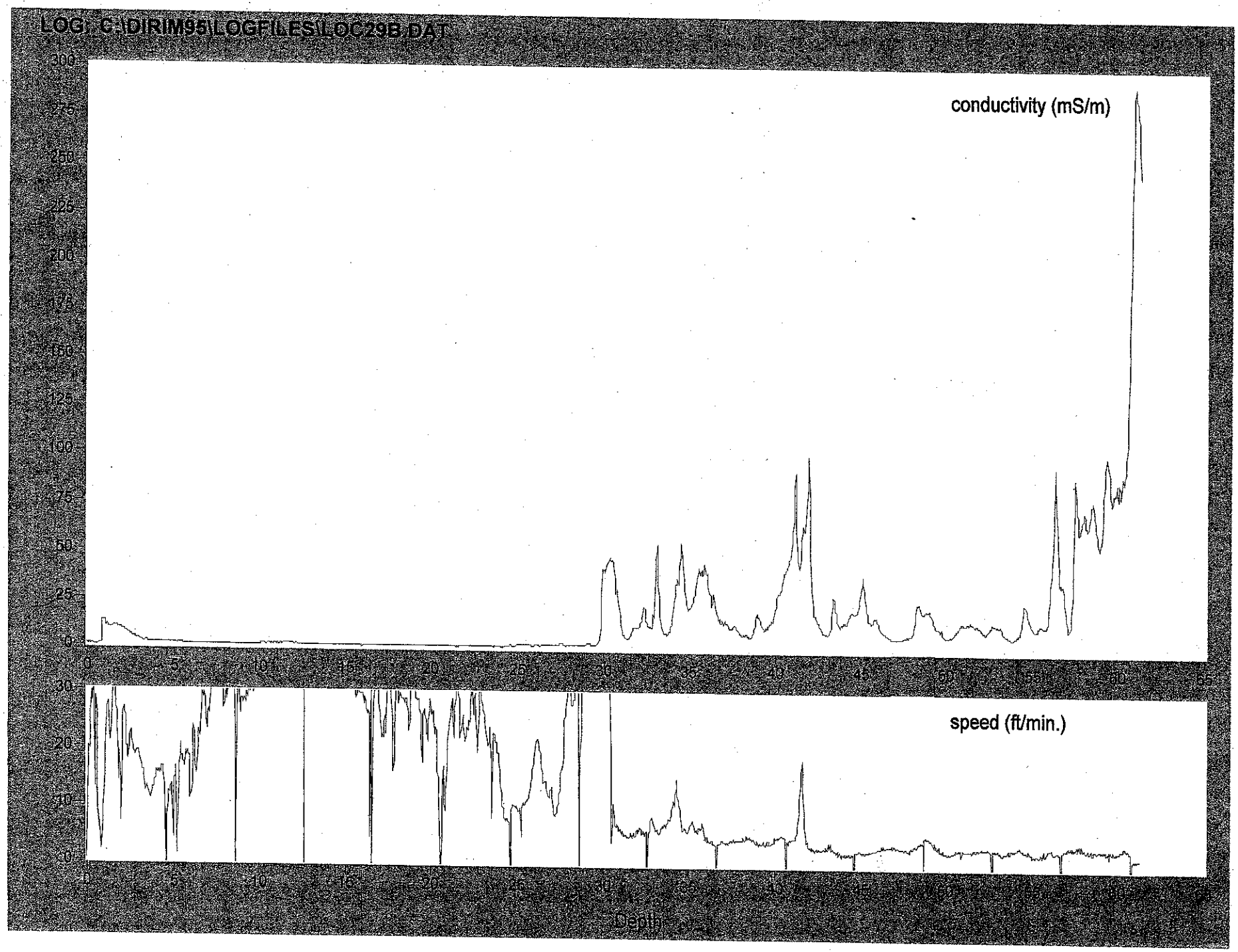

LOG: C:\DIRIM95\LOGFILES\LOC26B.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

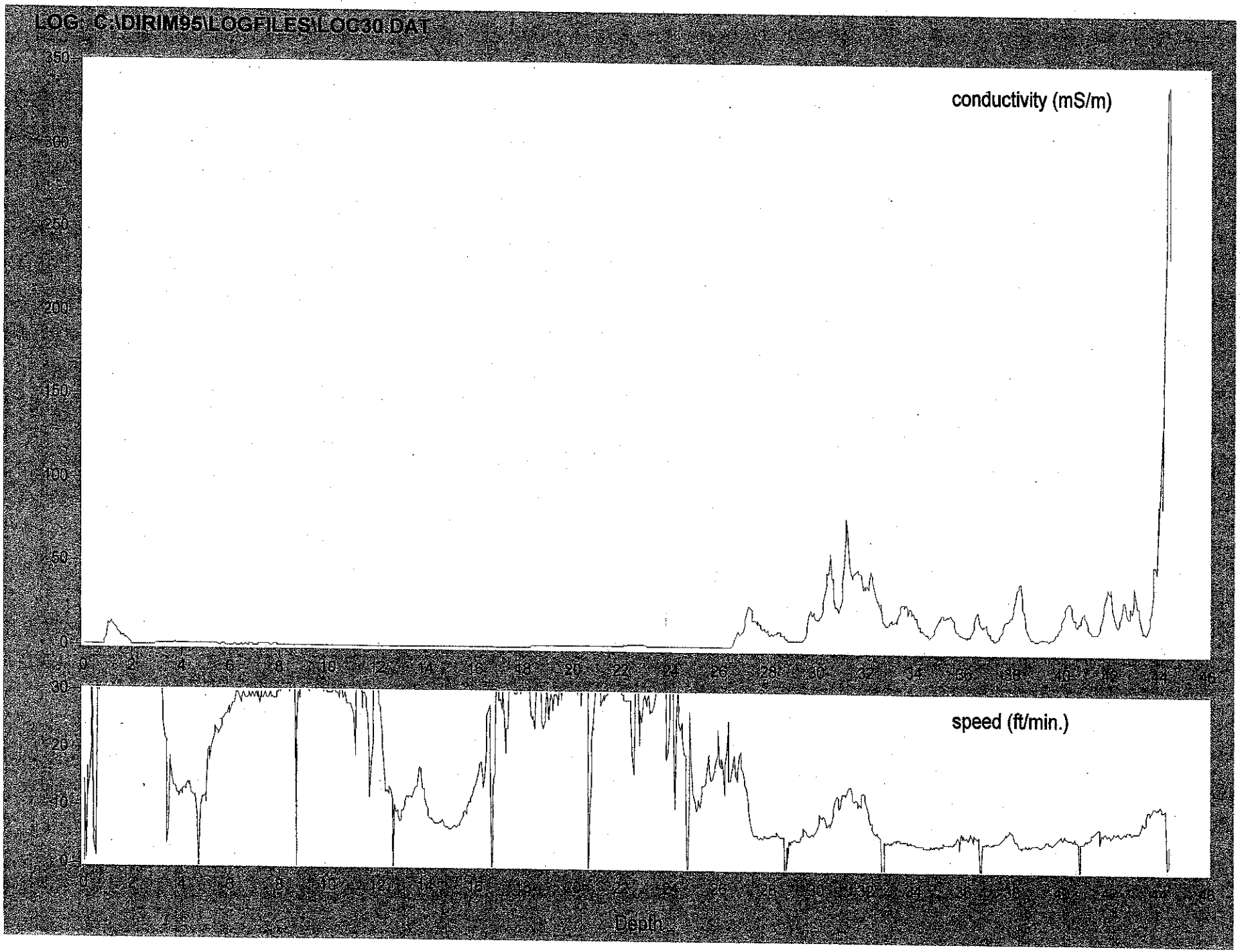

LOG: C:\DIRIM95\LOGFILES\LOC26C.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

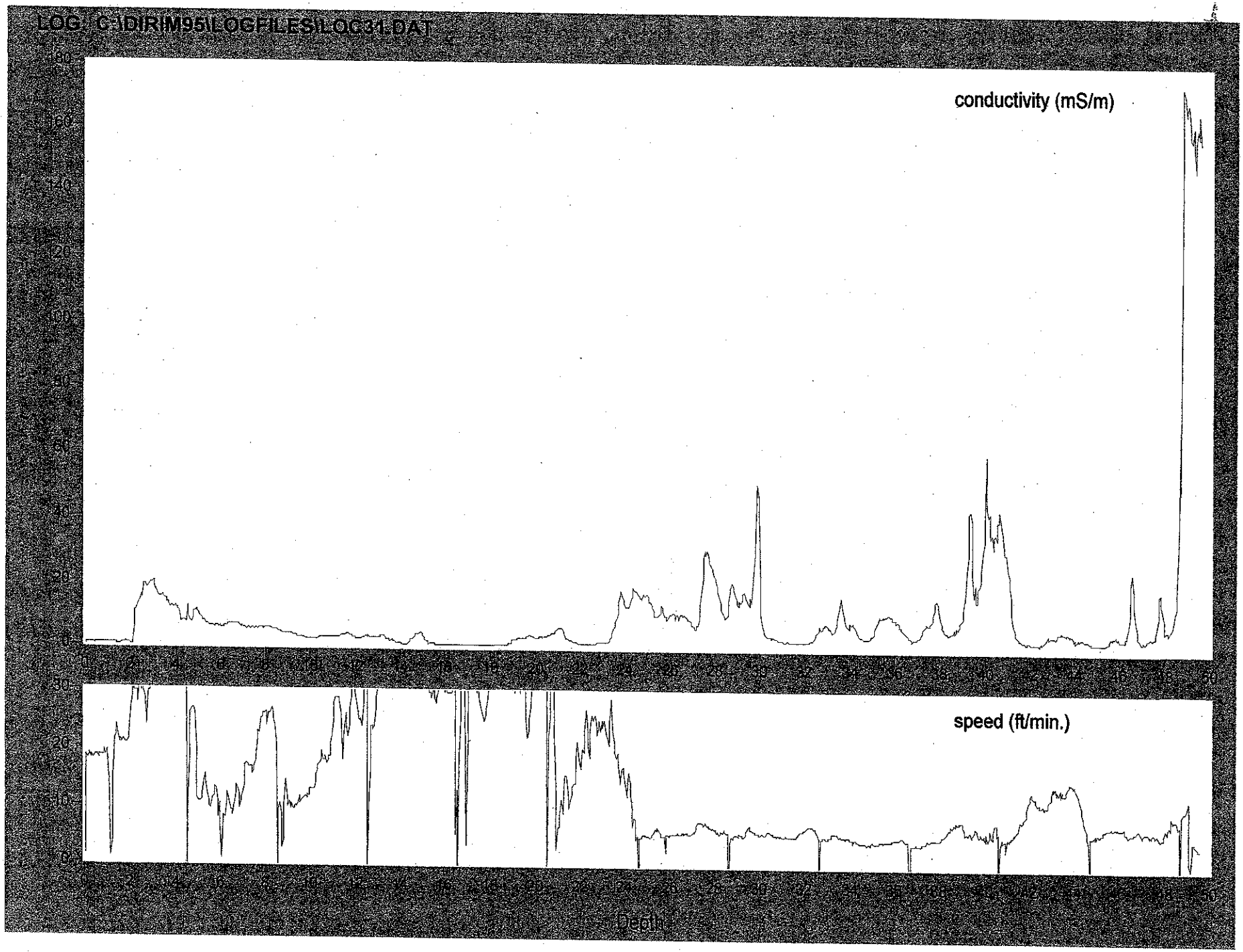

LOG: C:\DIRIM95\LOGFILES\LOG27.DAT
conductivity (mS/m)
90
80
70
60
50
40
30
20
10
0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
speed (ft/min)
30
20
10
0
Depth

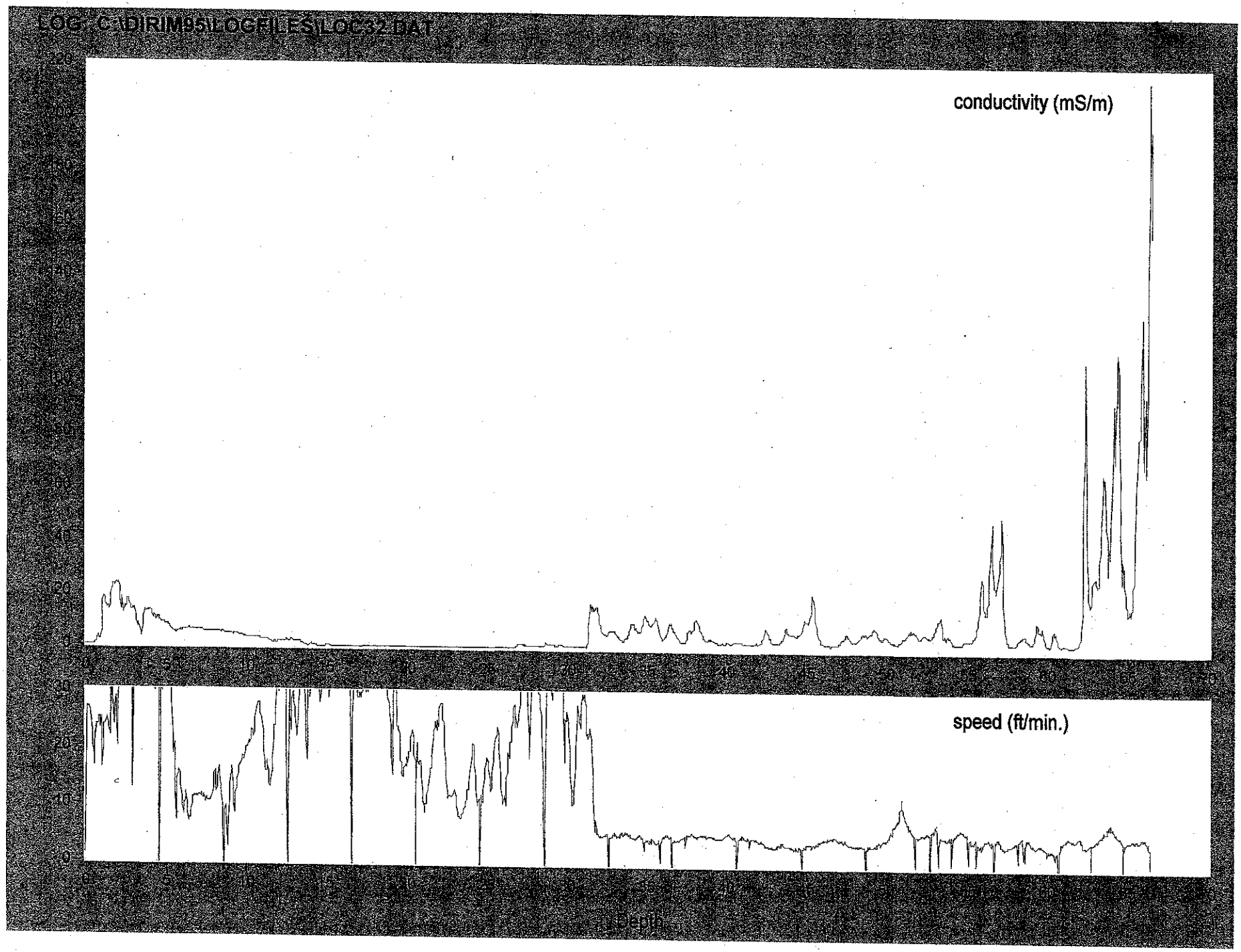

LOG: C:\DIRIM95\LOGFILES\LOG28B.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

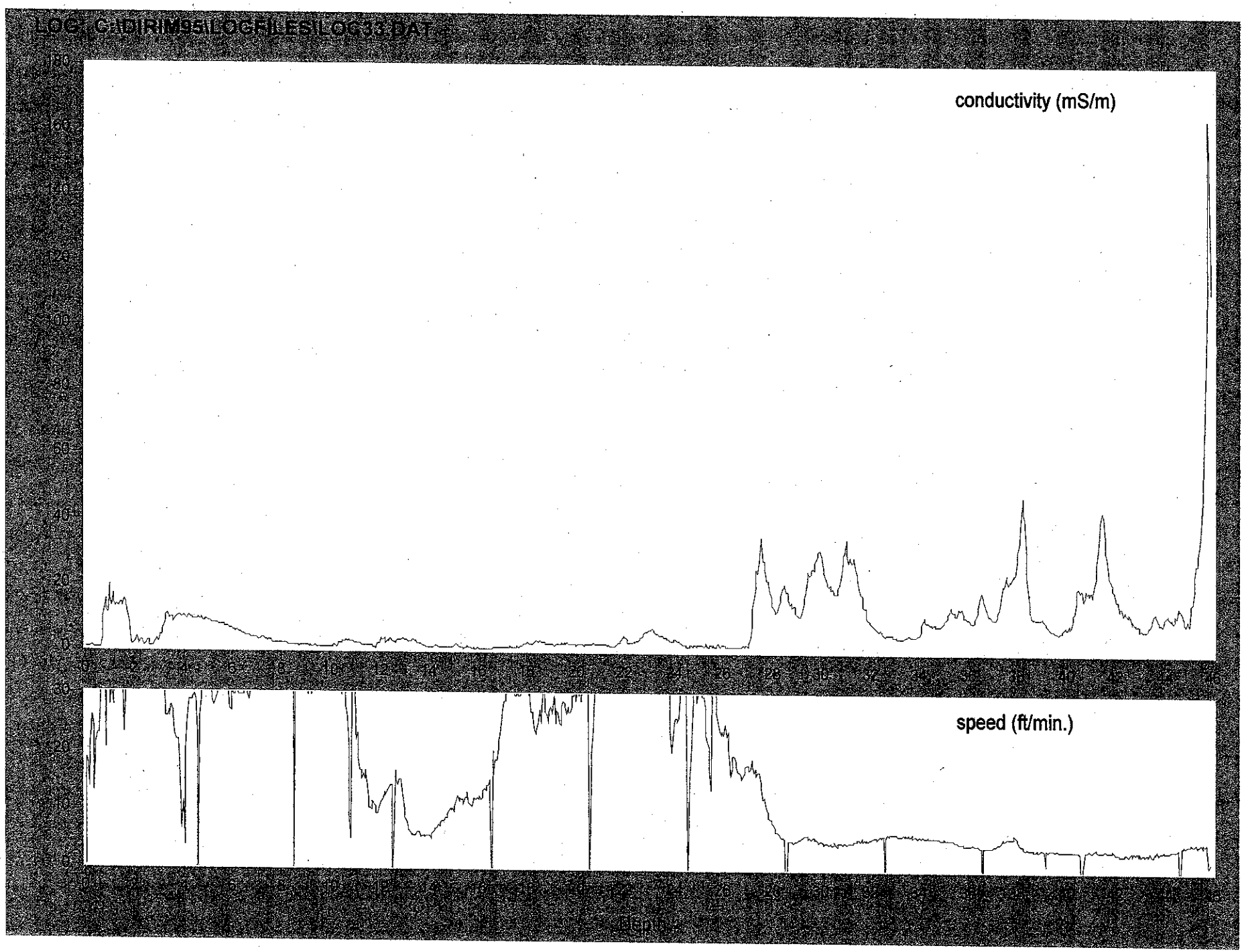

LOG: C:\DIRIM95\LOGFILES\LOC28C.DAT
conductivity (mS/m)
220
200
180
160
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
speed (ft/min.)
30
20
10
0
Depth

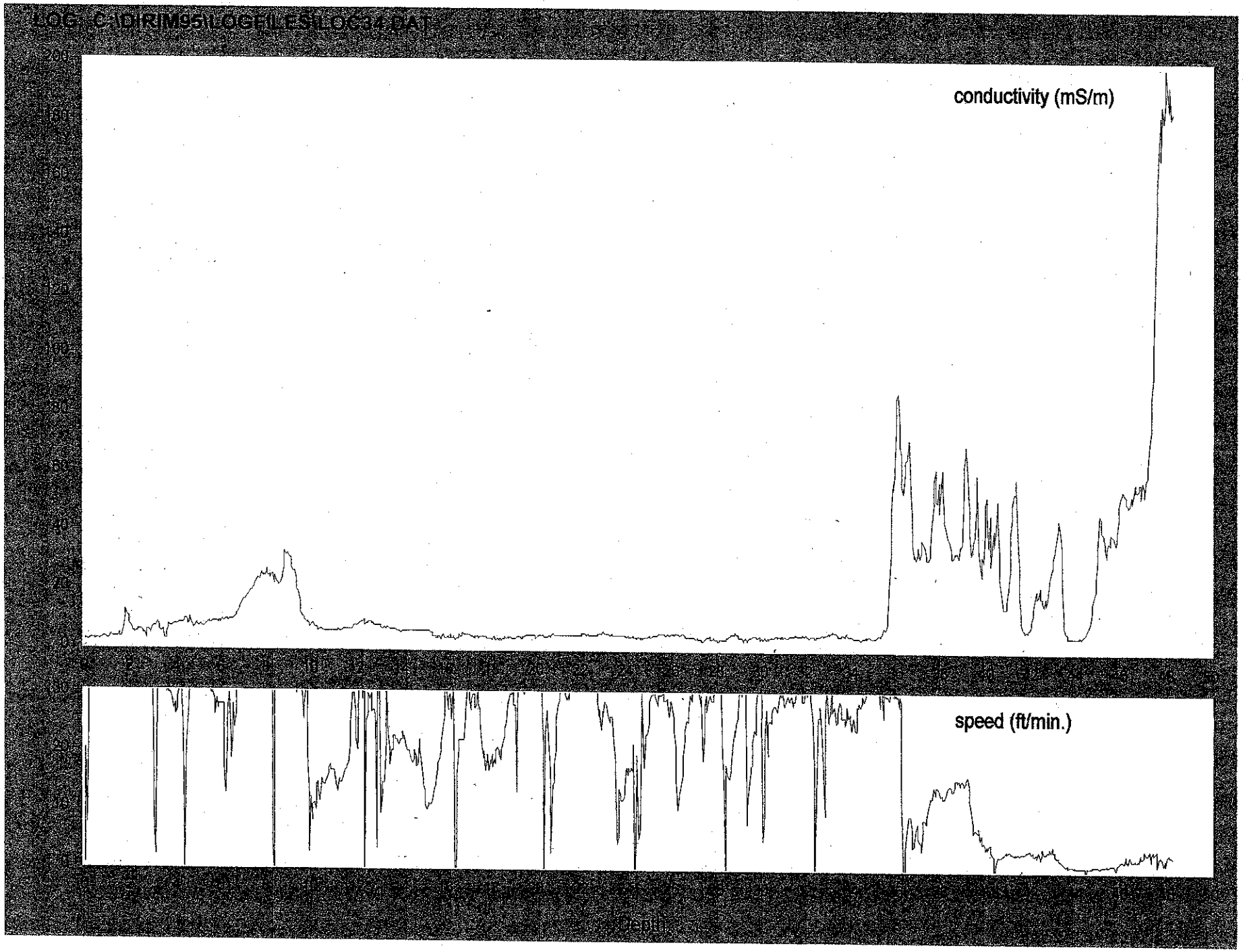

LOG: C:\DIRIM95\LOGFILES\LOC29B.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

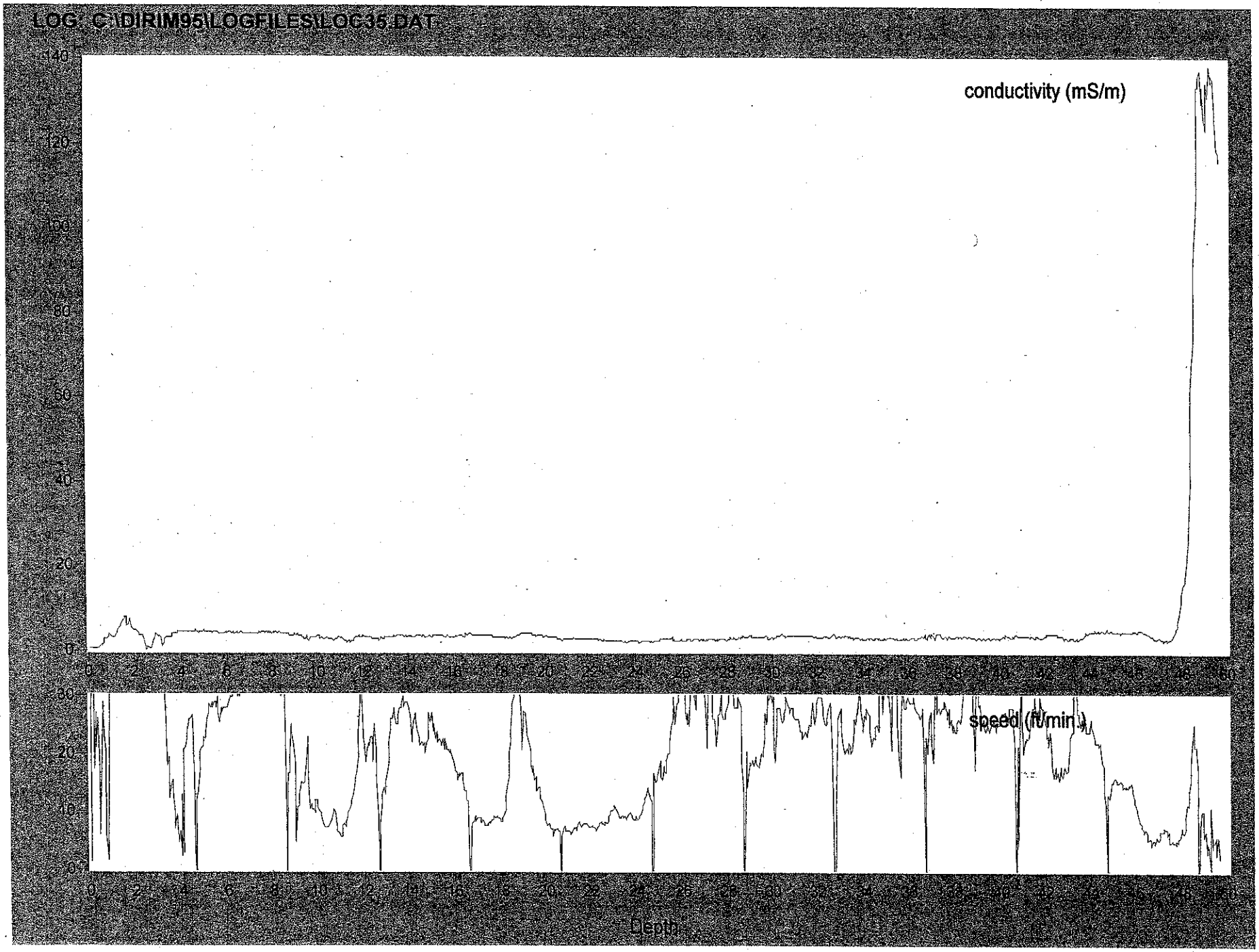

LOG: C:\DIRIM95\LOGFILES\LOC30.DAT
conductivity (mS/m)
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
speed (ft/min.)
30
20
10
0
Depth

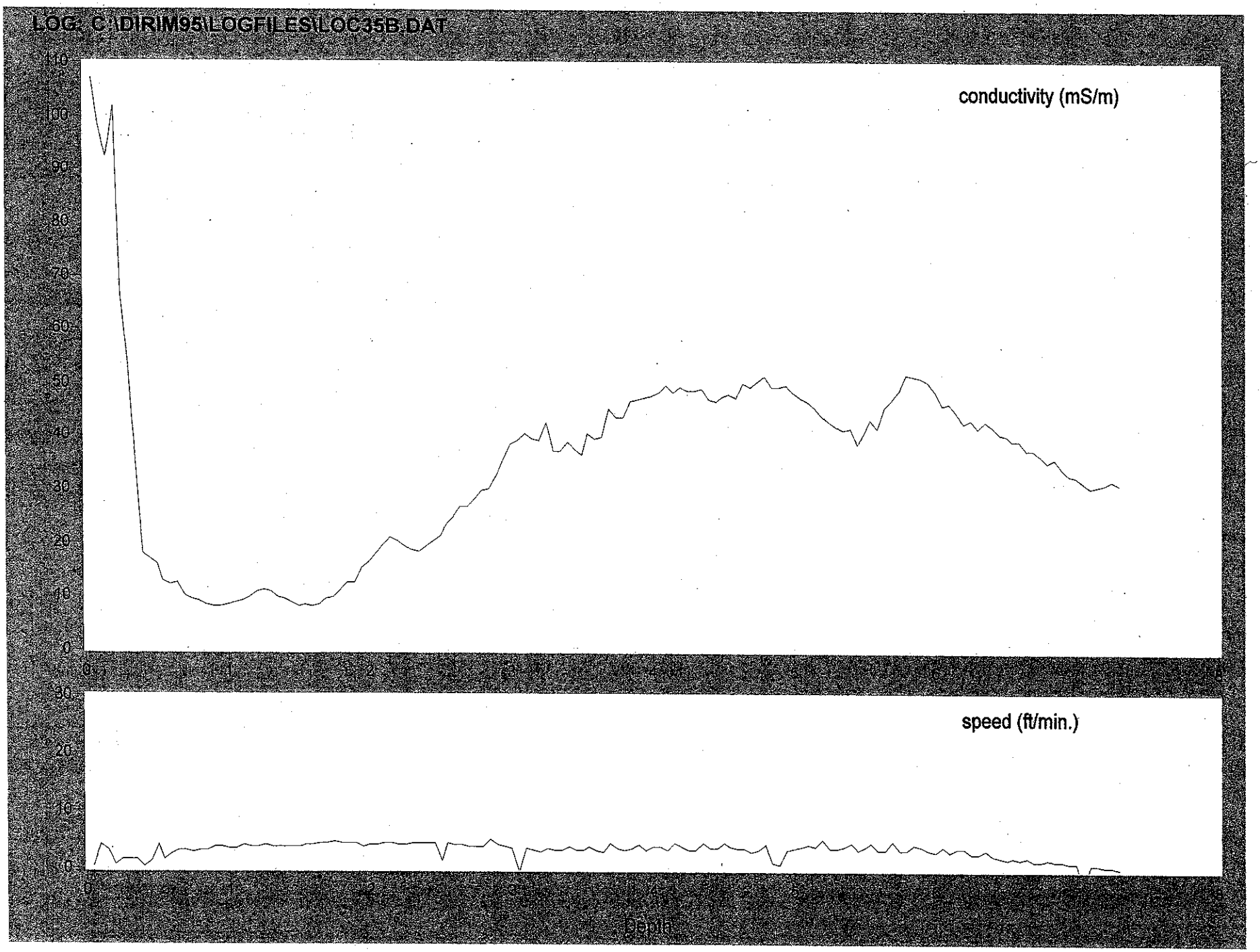

LOG: C:\DIR\M95\LOGFILES\LOC31.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

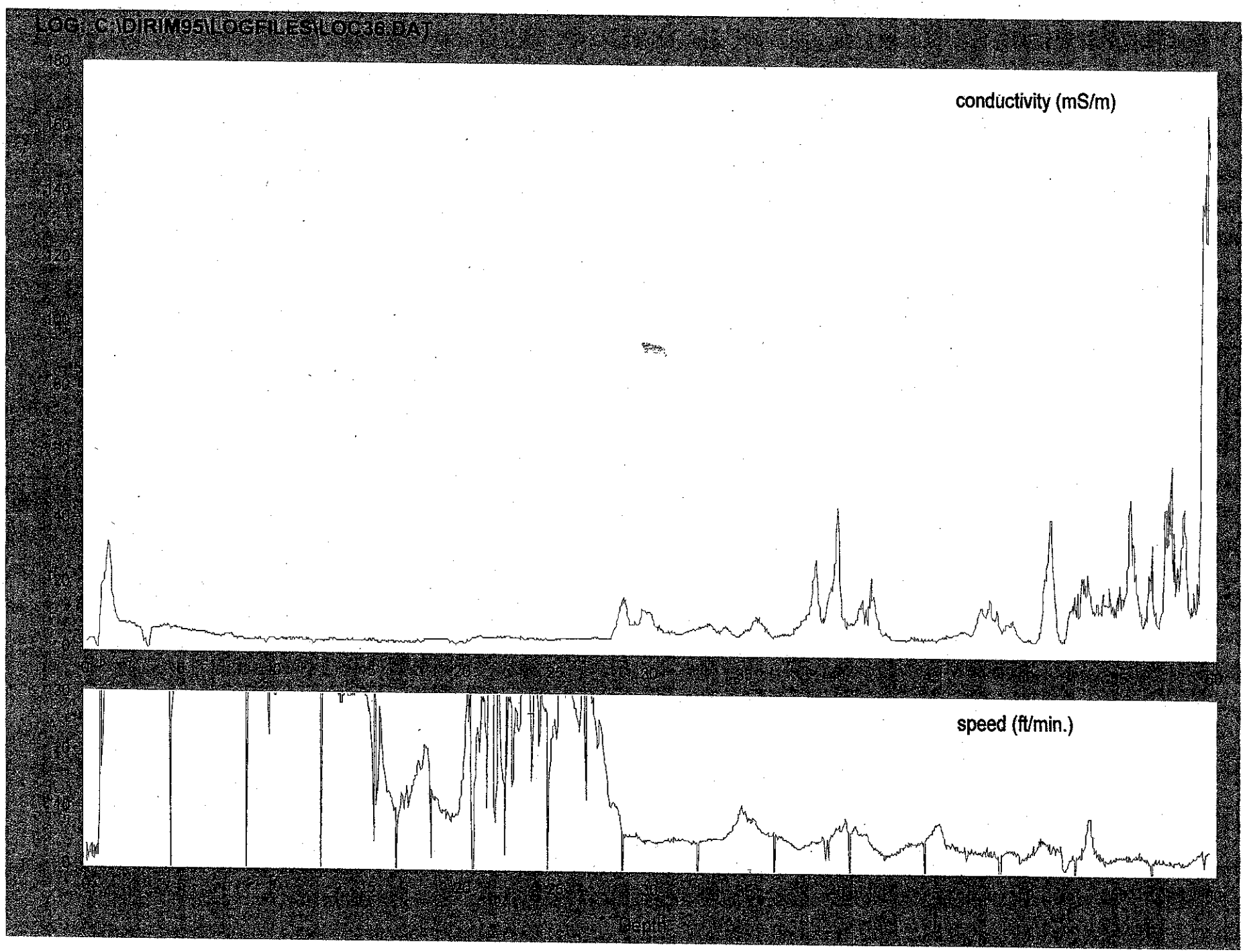

LOG: C:\DIRIM95\LOGFILES\LOC32.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

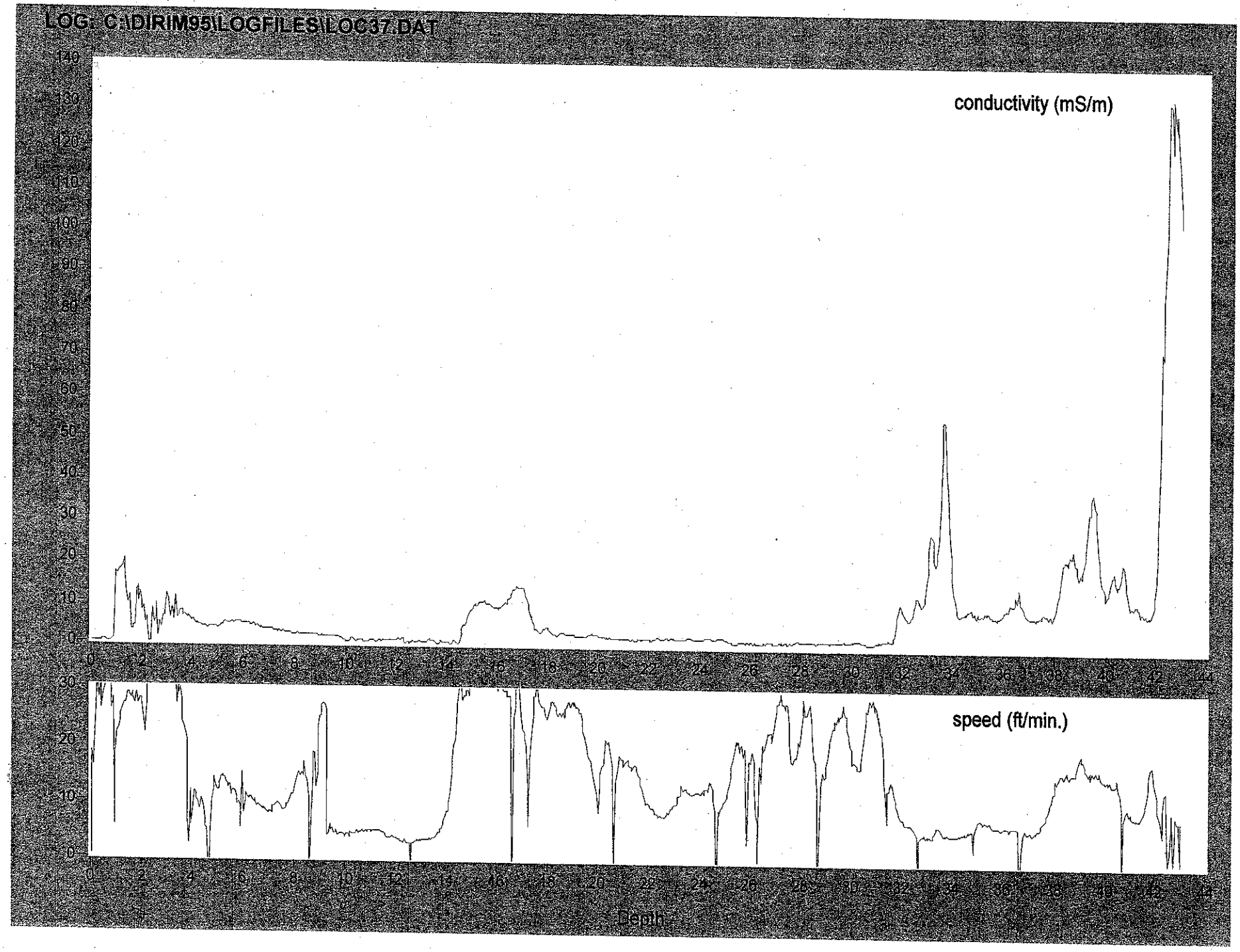

LOG: C:\DIRIM95\LOGFILES\LOG33.DAT
conductivity (mS/m)
speed (ft/min.)
depth (ft)

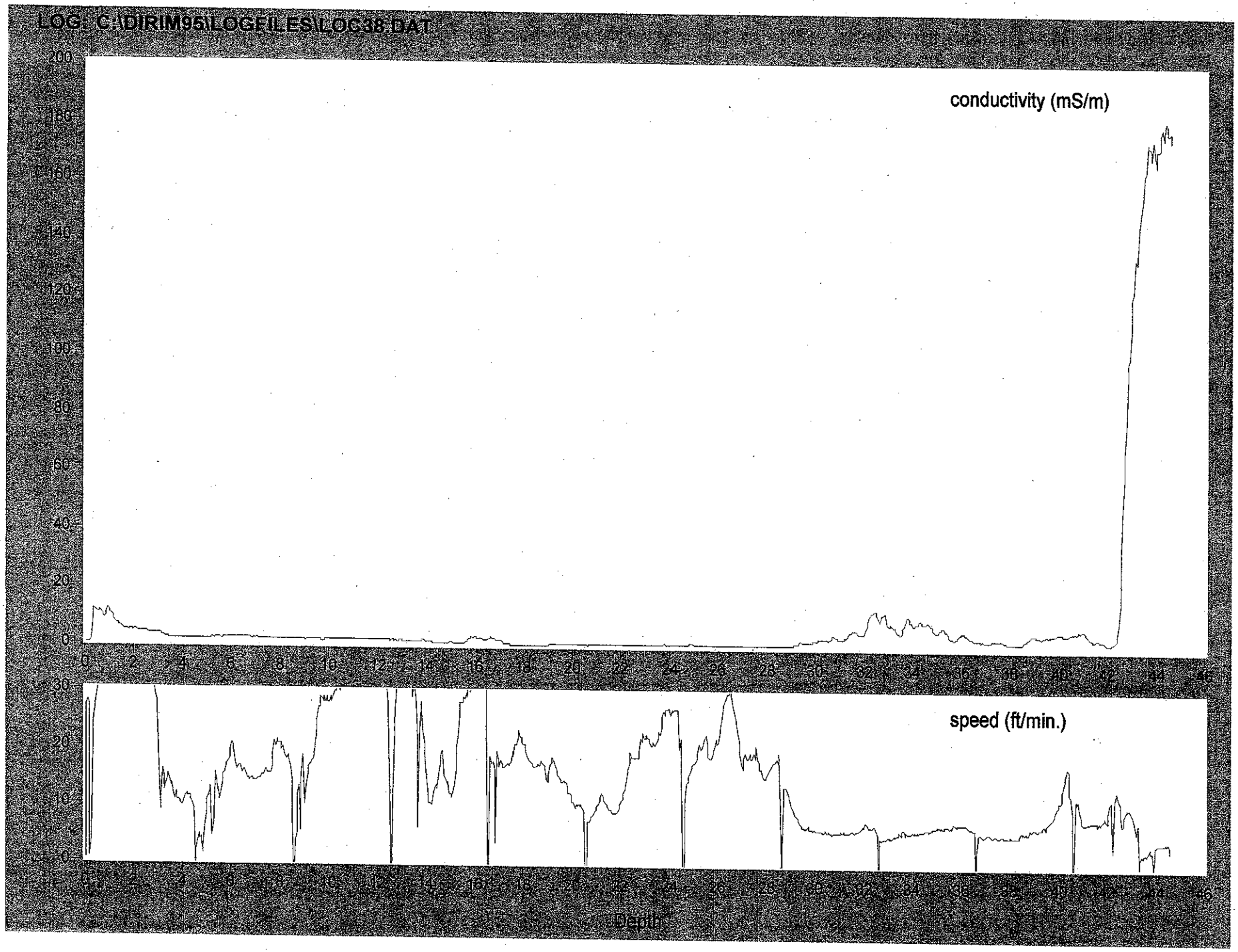

LOG: C:\DIRIM95\LOGFILES\LOG34.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

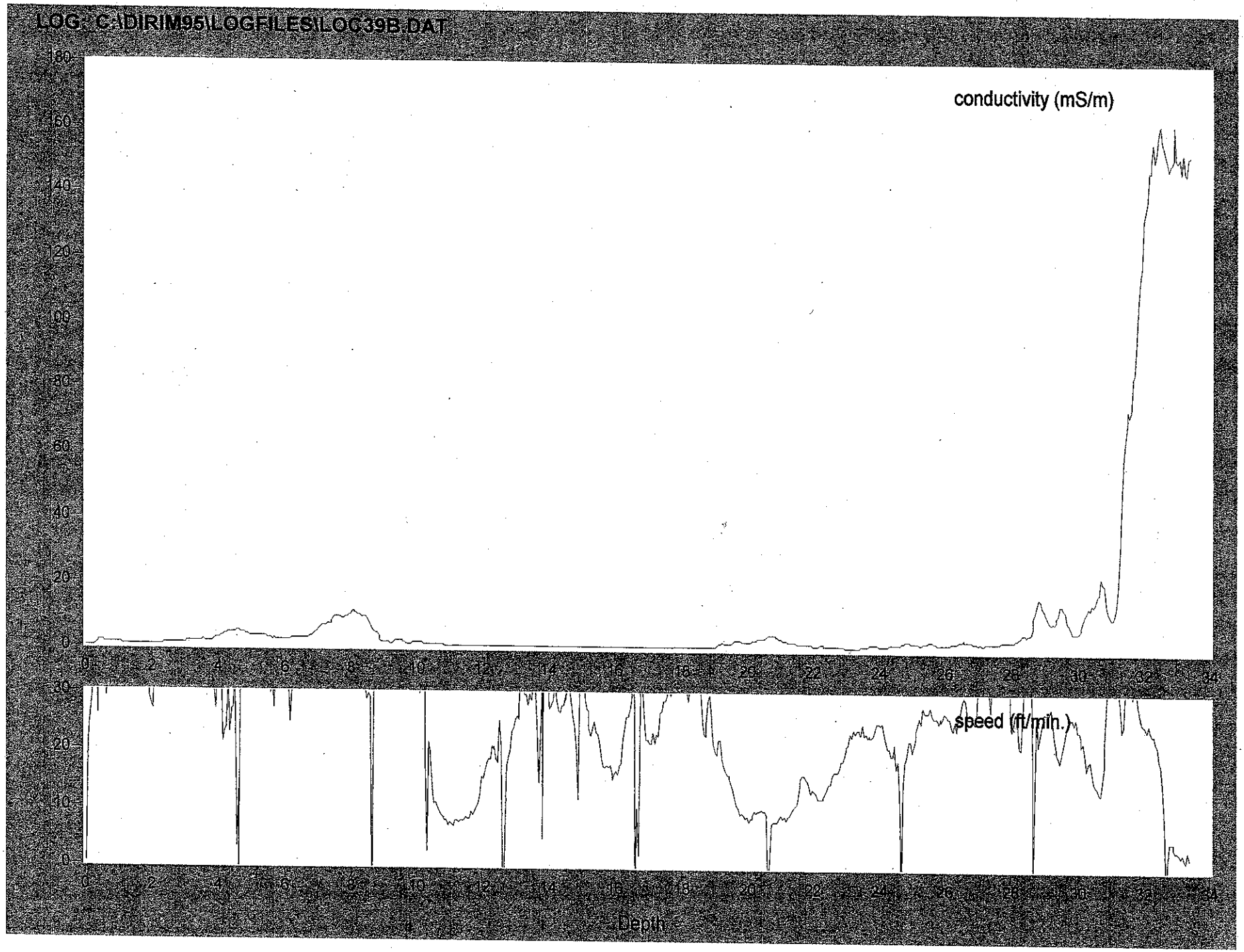

LOG: C:\DIRIM95\LOGFILES\LOC35.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

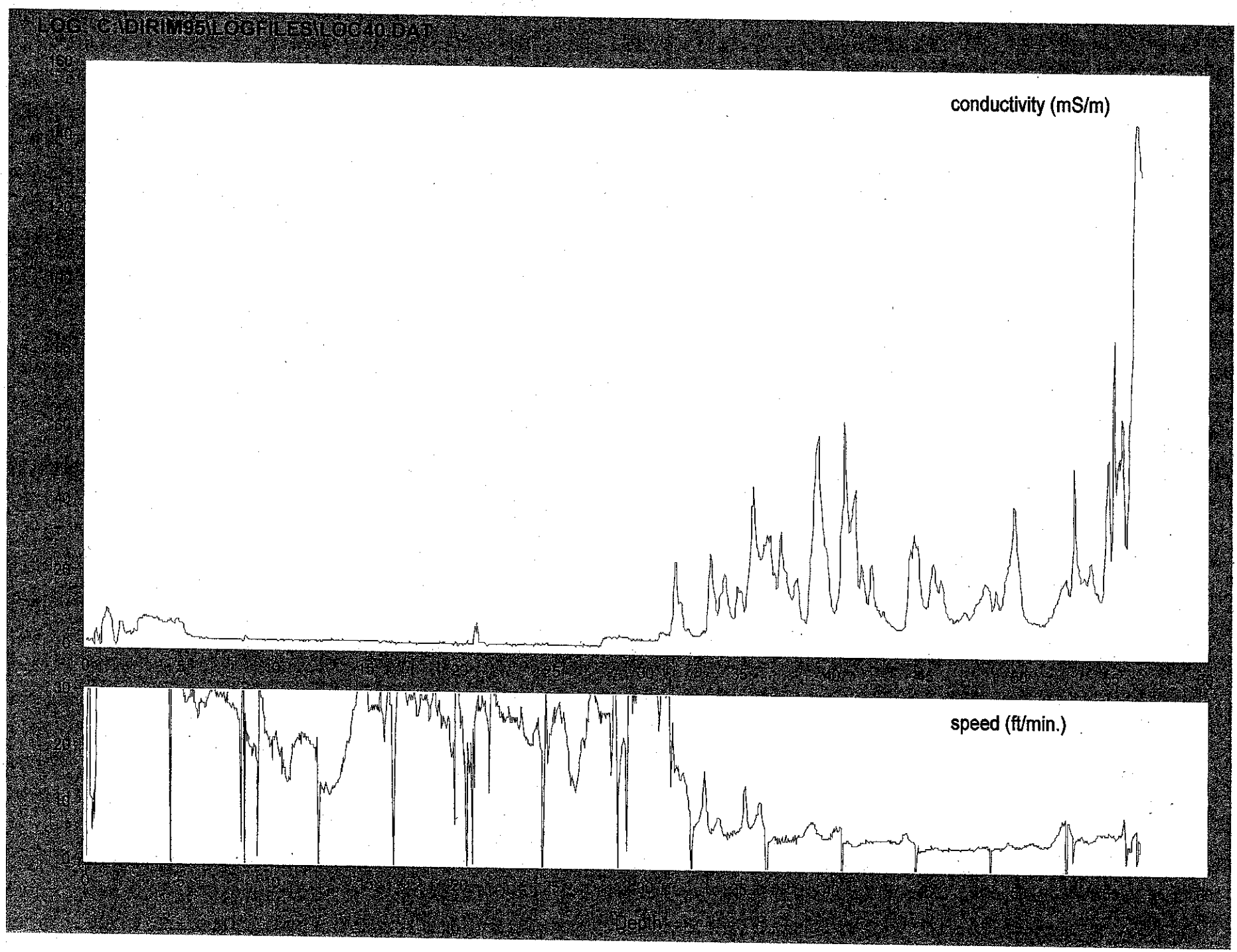

LOG: C:\DIRIM95\LOGFILES\LOC35B.DAT
conductivity (mS/m)
110
100
90
80
70
60
50
40
30
20
10
0
0
1
2
3
4
5
6
speed (ft/min.)
30
20
10
0
0
1
2
3
4
5
6
Depth

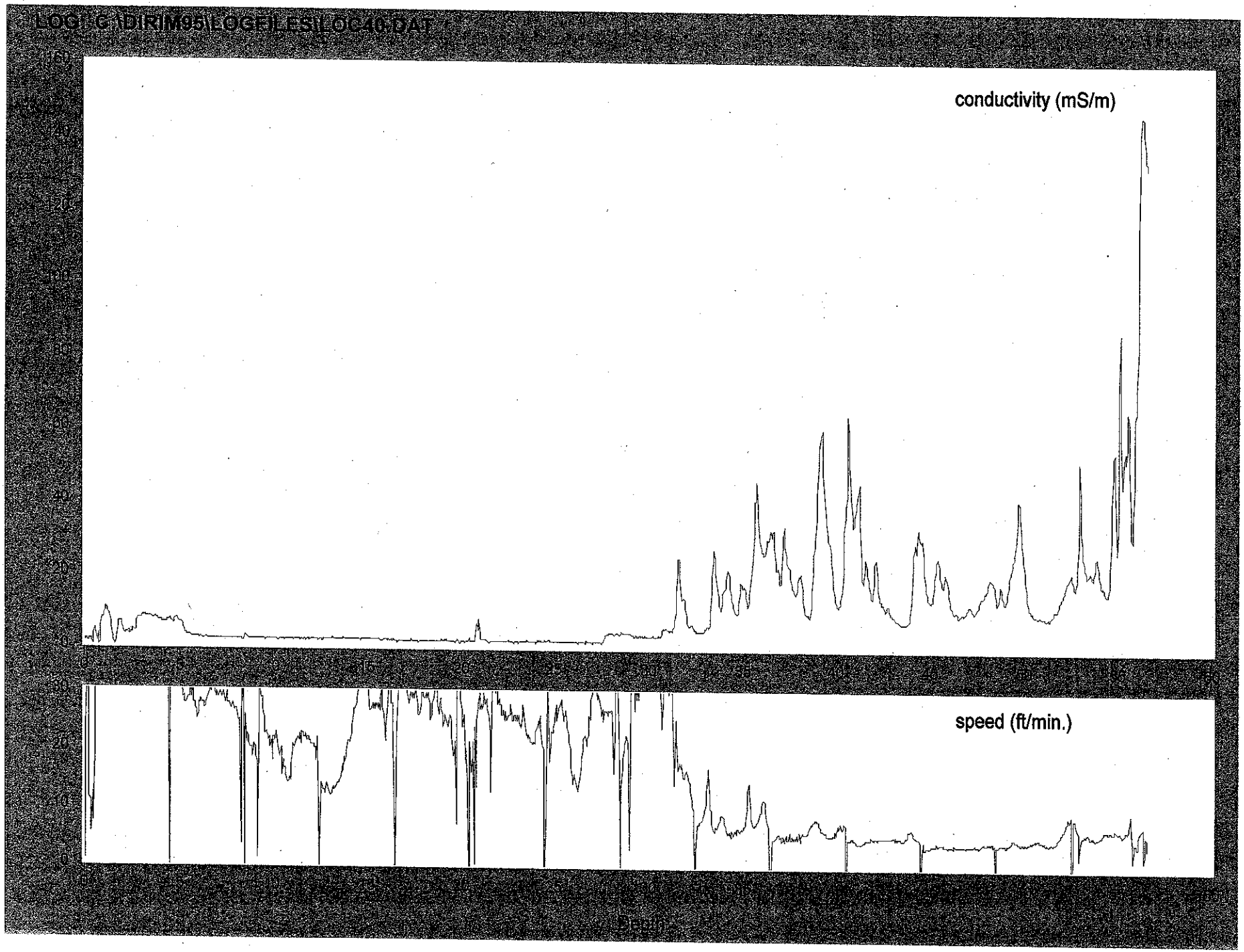

LOG: C:\DIRIM95\LOGFILES\LOC36.DAT
conductivity (mS/m)
speed (ft/min.)
depth

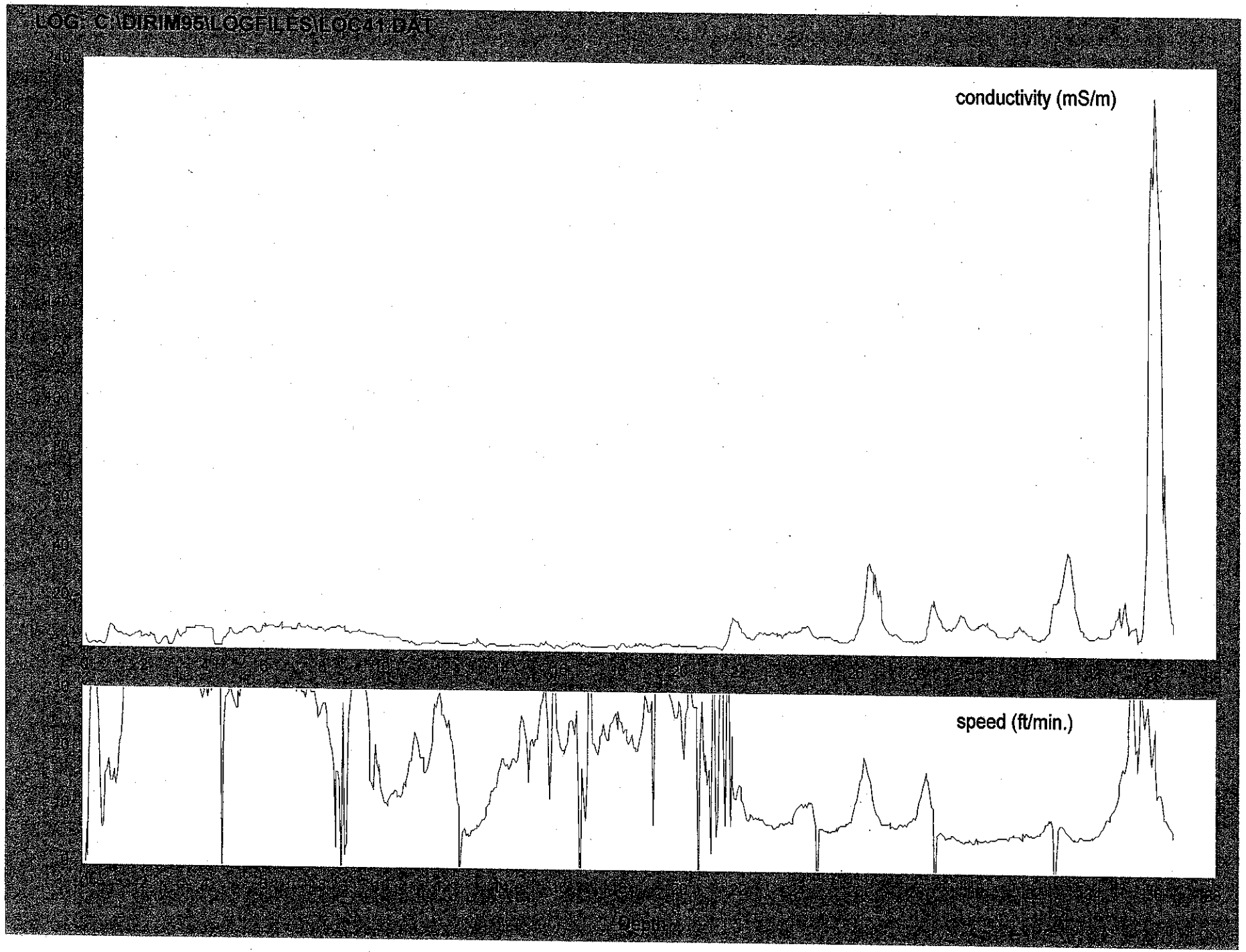

LOG: C:\DIRIM95\LOGFILES\LOC37.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

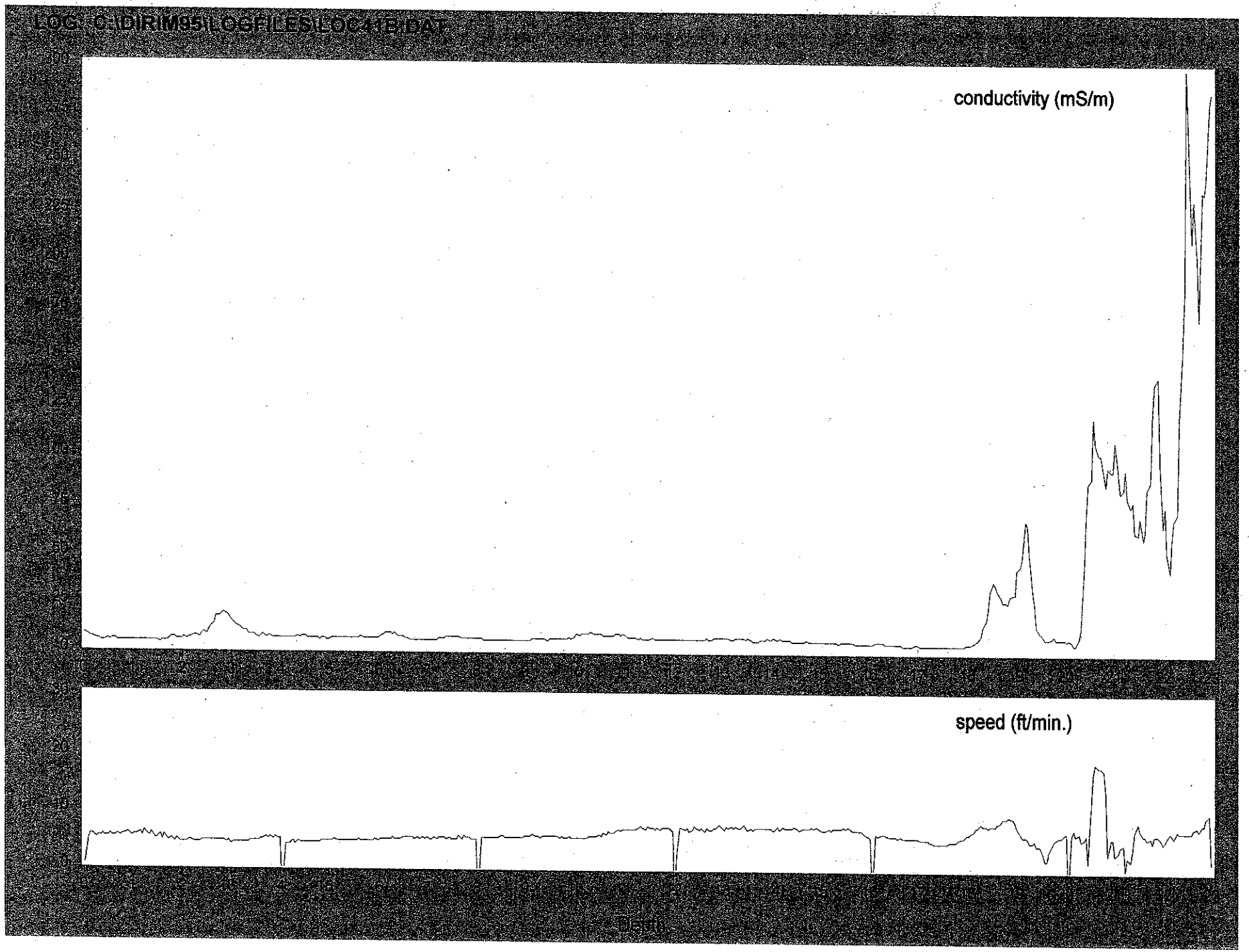

LOG: C:\DIRIM95\LOGFILES\LOG38.DAT
conductivity (mS/m)
200
180
160
140
120
100
80
60
40
20
0
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46
speed (ft/min.)
30
20
10
0
Depth


LOG: C:\DIRIM95\LOGFILES\LOG39B.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

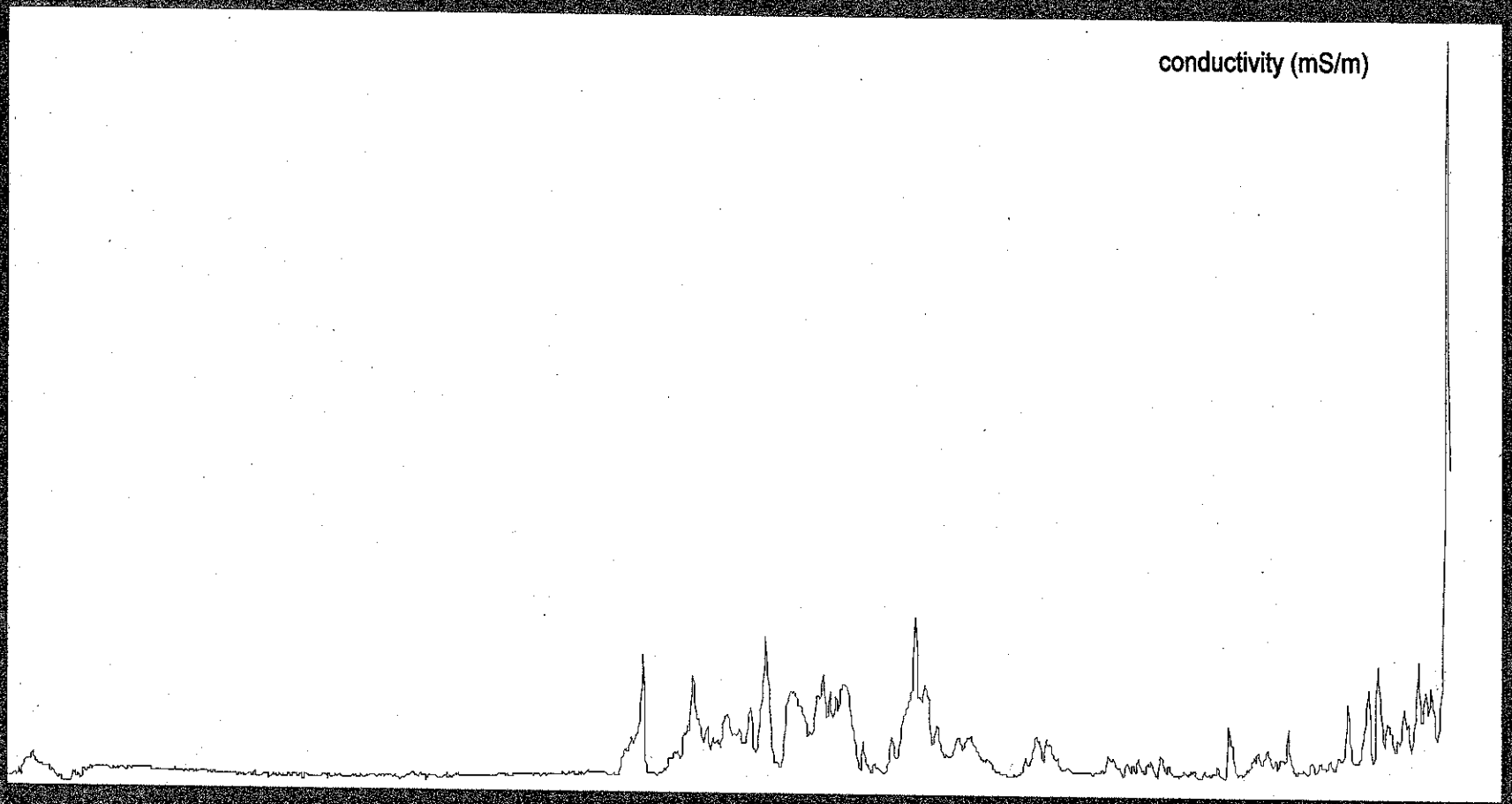

LOG: C:\DIRIM95\LOGFILES\LOG40.DAT
conductivity (mS/m)
speed (ft/min.)
Depth

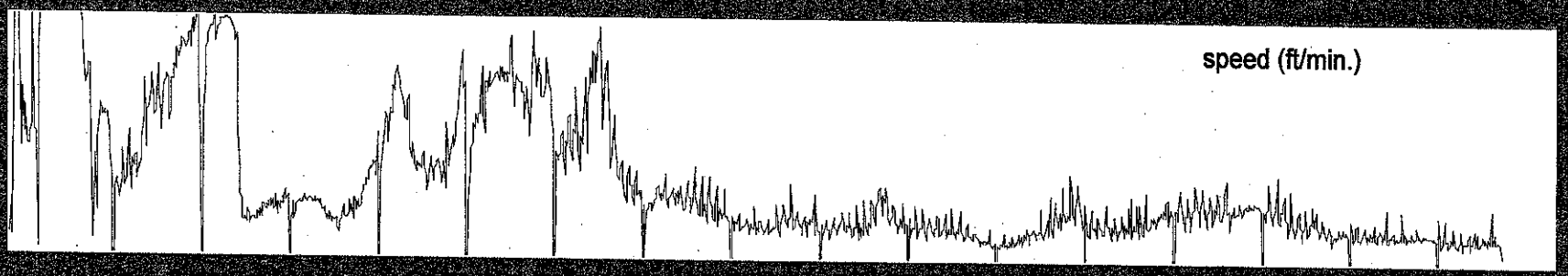

LOG: C:\DIRIM95\LOGFILES\LOC40.DAT
conductivity (mS/m)
speed (ft/min.)
Depth


LOG: C:\DIRIM95\LOGFILES\LOG41.DAT
conductivity (mS/m)
speed (ft/min.)

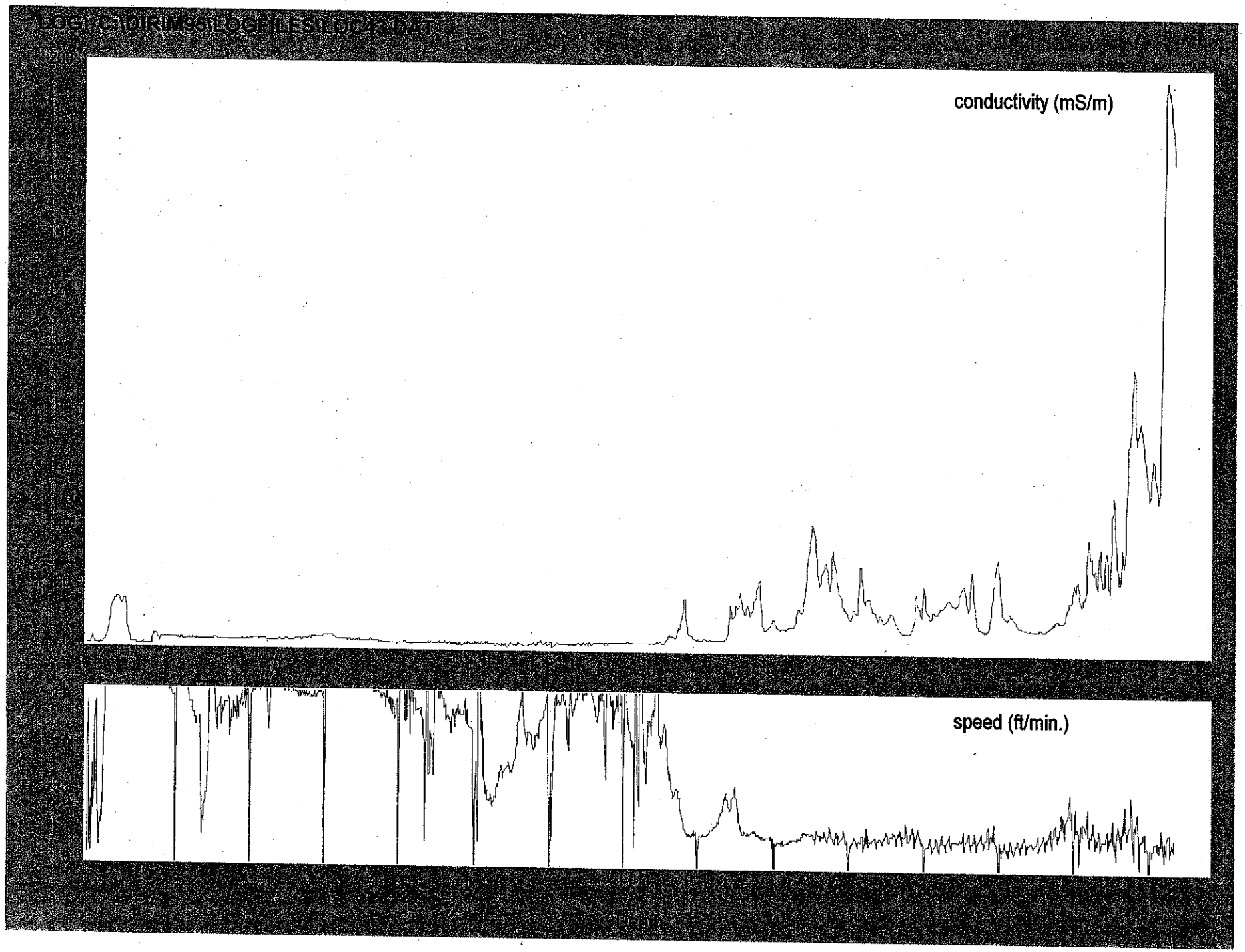

LOG: C:\DIRIM95\LOGFILES\LOC41B.DAT
conductivity (mS/m)
speed (ft/min.)

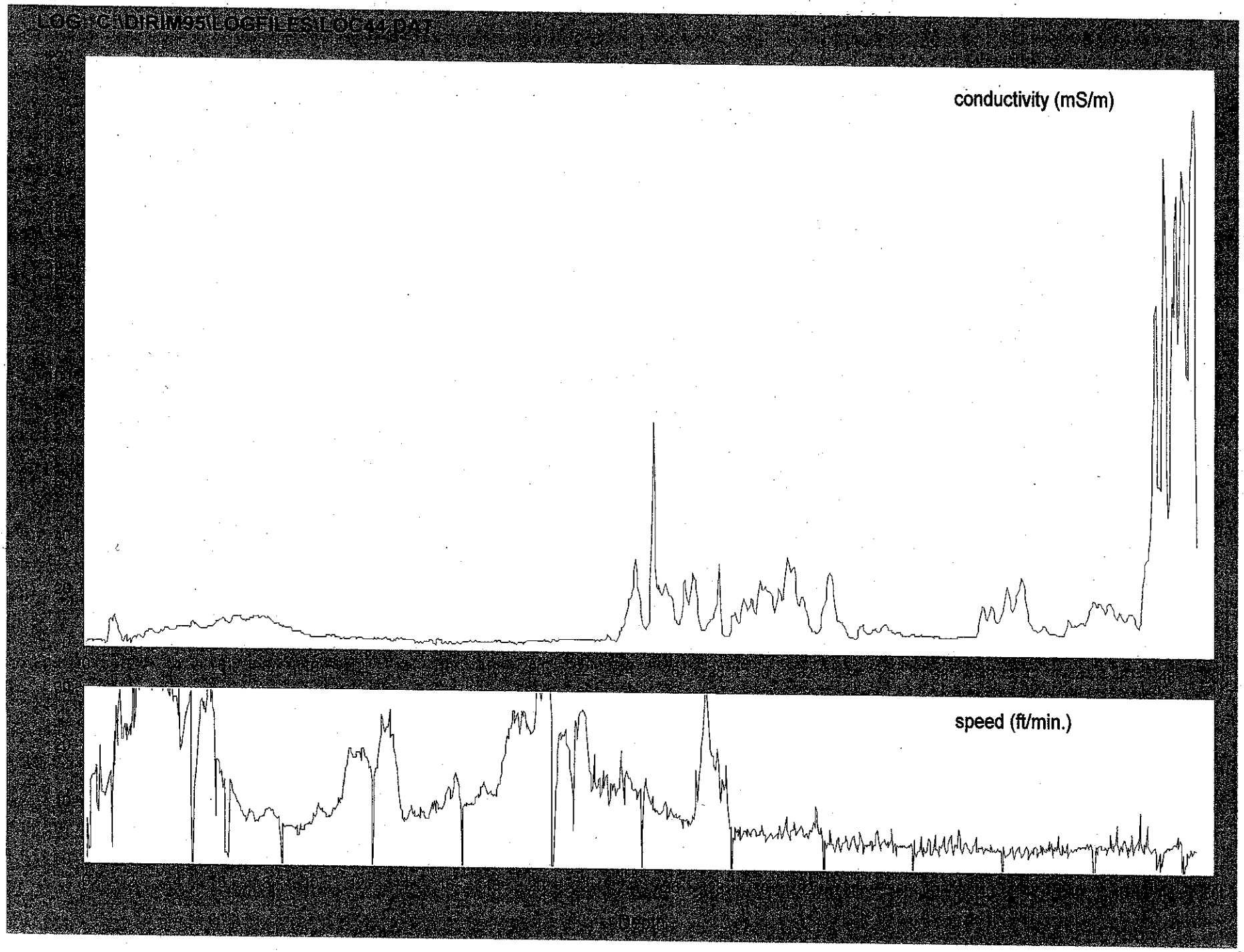
LOG: C:\DRM95\LOGFILES\LOG12.DAT



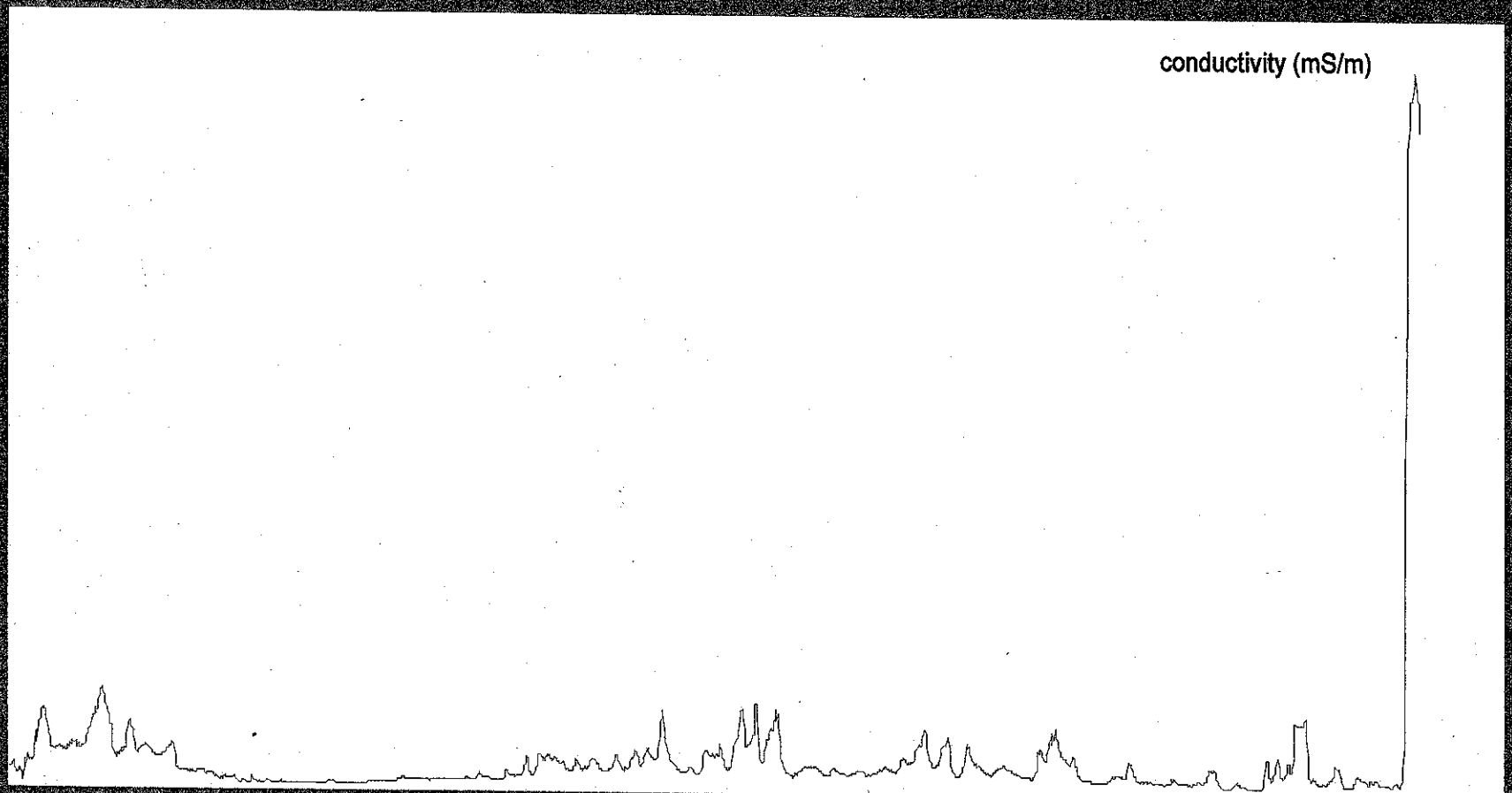


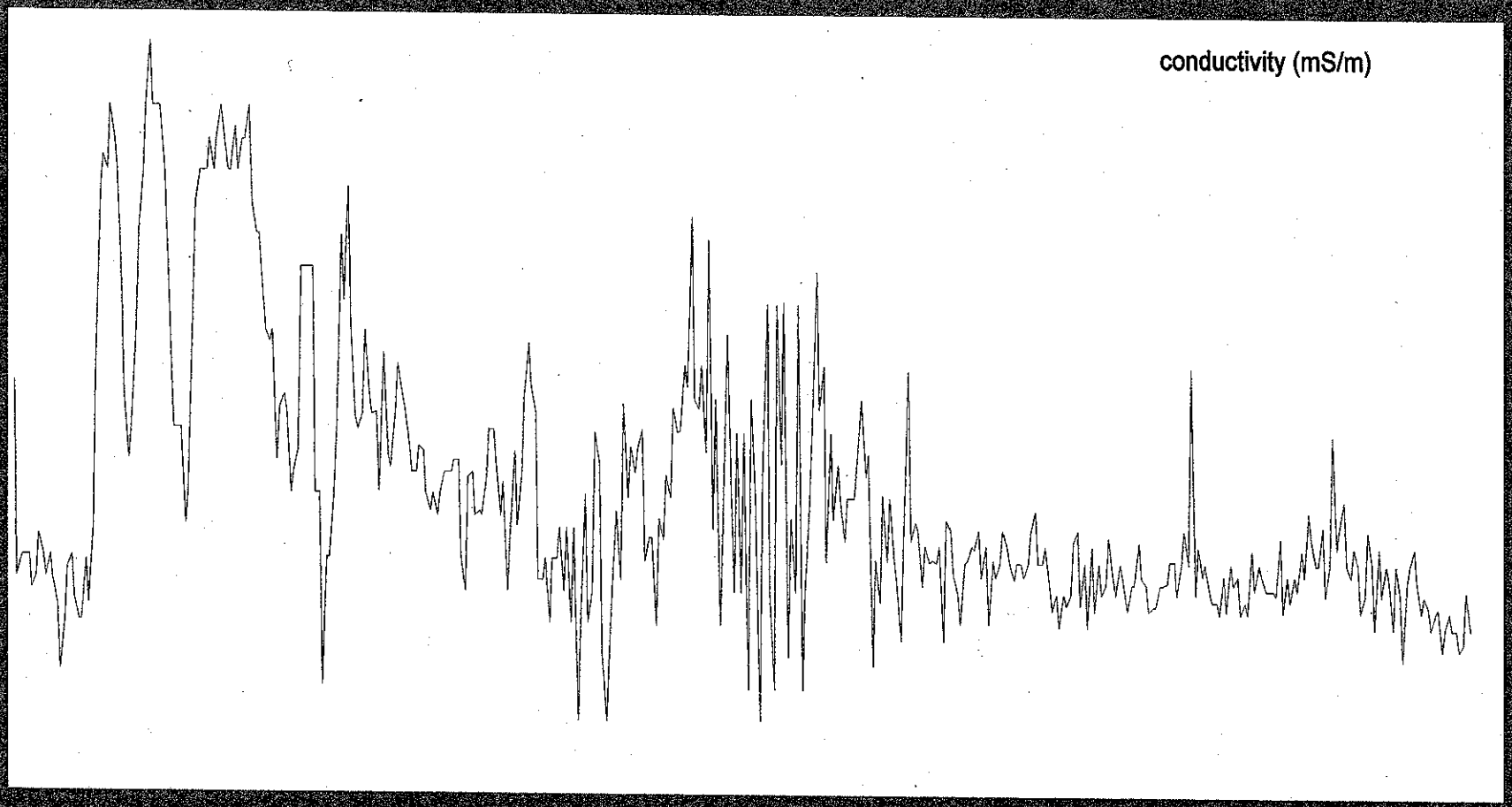
LOG: C:\DIRIM96\LOGFILES\LOG43.DAT

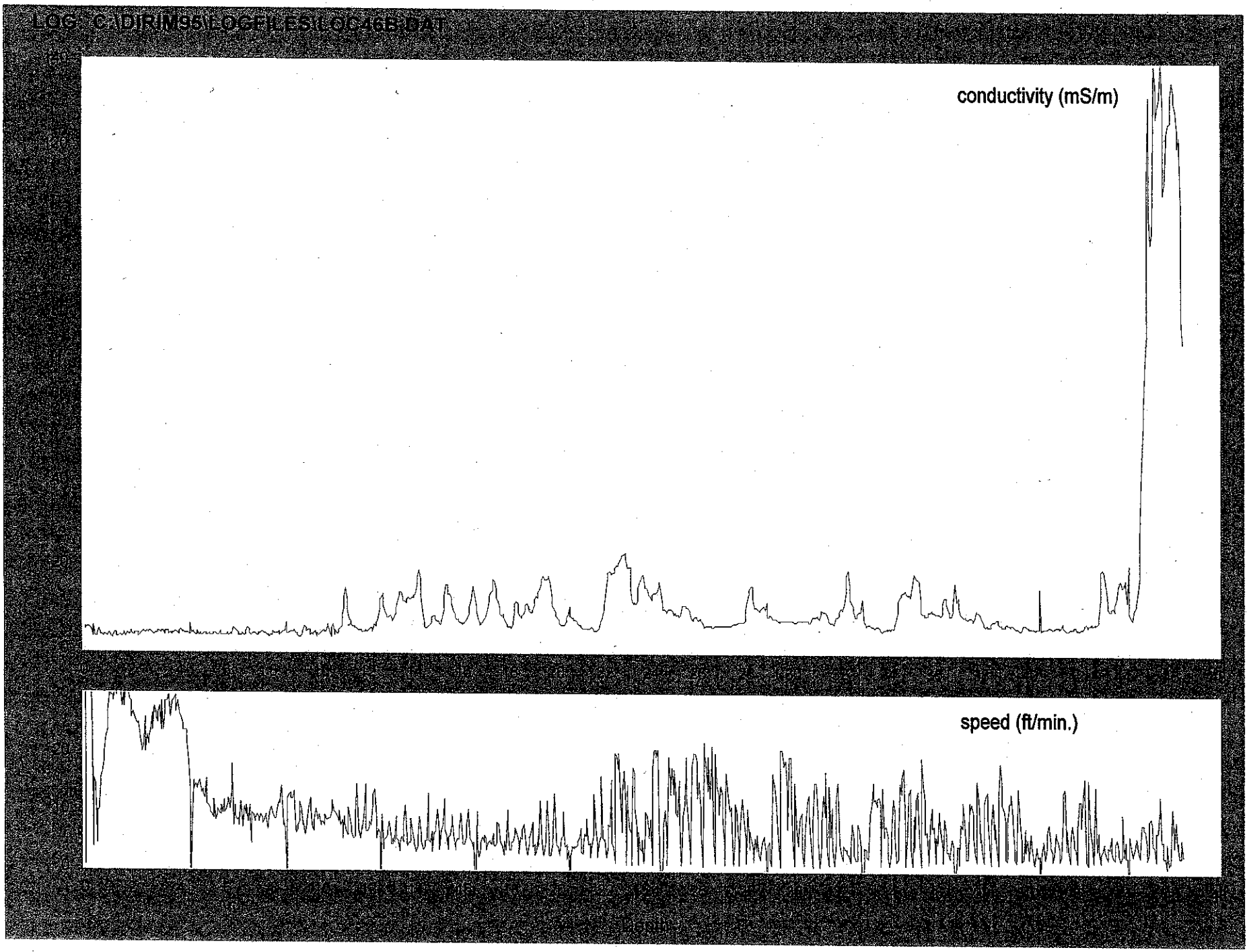



LOG: C:\DIRIM95\LOGFILES\LOG44.DAT
conductivity (mS/m)
speed (ft/min.)

LOG: C:\DIRIM95\LOGFILES\LOG76.DAT




conductivity (mS/m)
speed (ft/min.)


LOG: C:\DIRIM95\LOGFILES\LOG46B.DAT
conductivity (mS/m)
speed (ft/min.)

APPENDIX B

BORING LOGS

TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #1

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/03/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	218.57 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Gardendale Dr.

Continuously sampled to 39 feet; tagged clay during 49 to 51' interval. Sands prevented continuous sampling.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, red (2.5YR 4/6), sandy w/mica		
					0			
					0	Red & strong brown (7.5YR 5/6)		
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0			
					0			
		SM			0	Sand, yellowish-red (5YR 4/6), fine to med. grained w/mica		
					0	Sand, yellowish-red (5YR 5/8) and reddish-yellow (5YR 6/8), fine to very coarse w/approx. 40% fine to very coarse gravel		
15					0			
		SP SM			0			
					0	Approx. 50% gravel w/glauconite		
					0			
20					0			
		SM			0	Sand, reddish-yellow, pink (5YR 8/4), fine to med. grained, w/mica & glauconite		
					0			
					0			
25		SP SM				Sand, reddish-yellow & pink, fine to coarse grained w/approx. 20-25% fine to very coarse gravel w/mica & glauconite, saturated		
						Reddish-yellow & pink, fine to very coarse grained w/approx. 20-25% fine to very coarse gravel, w/mica & glauconite, silty/clayey		
						Sand, reddish-yellow (7.5YR 7/6), fine to med. grained, silty		
30						Sand, reddish-yellow & pink, fine to med. grained, silty, clayey		
		SM				Sand, reddish-yellow & pink, fine to med. grained, silty w/mica & glauconite		
35								

Continued Next Page

Coliseum Blvd. Plume
F:\SECRET-1\2000\0700\0024\PH34-52.GPJ 1/8/02 Report:TTL ENV LOG Template:TTLENV.GDT

TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #1

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/03/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40								
45								
50		CL				Clay, pale olive brown (5Y 7/3) & brownish-yellow (10YR 6/3), sandy w/mica		
						BORING TERMINATED AT 51 FEET.		

Coliseum Blvd. Plume

F:\SECRET~1\2000\0700\024\PH34 52.GPJ 1/8/02 Report:TTL ENV LOG Template:TTLENV.GDT

TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #2

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	11/04/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	219.73 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Gardendale Dr.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt (4 inches)		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0.7	Clay/sand/gravel fill		
					2.5	Clay, red (2.5YR 4/6), sandy		
					0	Red (2.5YR 4/6) & strong brown (7.5YR 5/6), sandy		
5		CL			2.1			
					3.4			
					2.4			
					3			
10					3.6			
					2.5			
					3.1			
					4.1	Sand, reddish-yellow (5YR 5/8), fine to med. grained		
					3.8			
					3.8			
15					3.7			
					4			
		SM			3.8	Very pale brown (10YR 8/4) & brownish-yellow (10YR 6/8), fine to med. grained w/mica		
					3.7			
					2.7			
20					3.3			
					3.7	Very pale brown, reddish-yellow & pink (5YR 8/4), fine to very coarse grained w/approx. 5-10% fine to coarse gravel w/mica & glauconite		
						Sand, very pale brown (10YR 8/4) & pink, fine to very coarse grained w/approx. 40% fine to coarse gravel		
25		SP SW						
						Brownish-yellow (10YR 6/6), fine to very coarse grained w/less than 5% fine to coarse gravel		
30		CL				Clay (approx. 4" thick), light yellowish-brown & dark yellowish-brown, very sandy		
						Sand, pale yellow (5Y 8/2), fine grained w/mica		
						Pale yellow (5Y 8/2) & olive yellow (5Y 6/8),		
35						*Continued Next Page*		

Coliseum Blvd. Plume
F:\SECRET~1\2000\0700\024\PH34 52.GPJ 1/8/02 Report:TTL ENV LOG Template:TTLENV.GDT

TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #2

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 11/04/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE: INTERVAL (feet)	SAMPLE: % RECOVERY	SAMPLE: PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						w/mica & glauconite		
40		SM						
45						More abundant glauconite & mica		
50						Strong brown (7.5YR 5/8), fine to coarse grained w/mica & glauconite		
		CL				Clay, strong brown & light gray (10YR 7/2)		
						BORING TERMINATED AT 54 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #3

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/05/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	217.00 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *East Gardendale Dr.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6) & dark yellowish-brown (10YR 4/6), sandy		
					0			
					0			
					0			
5		CL			0			
					0			
					0			
					0	Sandy		
					0	Sand, yellowish-brown (10YR 5/8) & yellowish-red (5YR 5/8), fine to med. grained w/mica		
10					0			
					0			
					0			
					0			
					0			
15					0	Reddish-yellow (5YR 6/8), fine to med. grained w/mica & glauconite		
					0			
					0			
		SM			0	Brownish-yellow (10YR 6/6) & pale yellow (2.5Y 7/5), fine to med. grained w/mica & glauconite		
20					0			
					0			
					0			
					0			
					0	Saturated		
25								
		SC				Sand, pale yellow (2.5Y 8/4) & brownish-yellow (10YR 6/6), fine to loose grained w/less than 5% fine to coarse gravel, clayey		
						Sand, pale yellow (5Y 8/3) (5Y 7/4), fine to med. grained w/mica & glauconite, silty		
30								
35						Pale yellow & olive yellow (2.5Y 6/8)		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #3

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 12/05/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Olive yellow (2.5Y 6/8)		
45						Strong brown & pale yellow, fine to coarse grained Reddish-yellow (7.5YR 7/8) Silty		
50		CL				Clay, yellowish-red (5YR 5/8) & light gray (10YR 7/1), sandy BORING TERMINATED AT 50 FEET.		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #4

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/07/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	213.82 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *East Park

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt (6")		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6) & dark yellowish-brown (10YR 4/6), sandy		
					0			
					0			
					0			
5					0			
					0			
		CL			0			
					0	Very pale brown (10YR 3/4)		
					0			
10					0	Light gray (5Y 7/1), dark olive gray (5Y 3/2) & strong brown (7.5Y 5/6)		
					0			
					0			
					0			
					0			
15					0	Sand, brownish-yellow (10YR 6/8), fine to med. grained, w/mica		
					0			
		SM			0	Saturated		
20		CL				Clay lense, light gray (5Y 7/1), sandy, less than ½" thick		
						Sand, brownish-yellow (10YR 6/8), fine to med. grained, w/mica		
		SM				Pale yellow (2.5Y 7/4), fine to coarse grained, w/mica		
						Sand, pale yellow, fine to very coarse grained w/less than 5% fine to coarse gravel w/mica		
25						Yellow (2.5Y 7/6)		
		SP SM				Sand, reddish-yellow (7.5YR 6/8), very pale brown (10YR 7/4), yellowish-red (5YR 4/6), black (5YR 2.5/1) & dark grayish-brown (10YR 4/2), fine to very coarse w/approx. 50% fine to very coarse gravel		
						Sand, pale yellow (2.5Y 7/4), reddish-yellow (7.5YR 6/8) & light gray (5Y 7/2), fine to med. grained w/mica & glauconite		
30								
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #4

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 12/07/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE: INTERVAL (feet)	SAMPLE: % RECOVERY	SAMPLE: PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Pale yellow (2.5Y 7/4), reddish-yellow & light gray, fine to coarse grained w/mica & glauconite		
		CL				Ferruginous Clay, brownish-yellow & light gray, sandy		
						BORING TERMINATED AT 43 FEET.		

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LOG OF PROBEHOLE
Location #5

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/10/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	214.73 Ft. AMSL
DRILLER	Chris	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *East Park

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, red (2.5YR 4/6), sandy		
					0			
					0			
		CL			0			
5					0			
					0			
					0			
					0	Sand, red (2.5YR 4/8) & strong brown (7.5YR 5/8), fine to med. grained, clayey		
					0			
10					0			
		SC			0	Red & strong brown, fine to coarse grained, clayey		
					0			
					0			
		SM			0	Sand, brownish-yellow (10YR 6/8), fine to coarse grained		
15		SP SM			0	Sand, brownish-yellow & very pale brown (10YR 7/4), fine to very coarse grained w/approx. 30% fine to coarse gravel		
		SM			0	Sand, brownish-yellow (10YR 6/8) & yellowish-red (5YR 5/8), fine to med. grained		
		CL			0	Clay, light gray (5Y 7/1), brownish-yellow (10YR 6/8) & red (2.5YR 5/6), sandy		
20					0	Sand, brownish-yellow & strong brown, fine to med. grained, saturated		
		SM				Pale yellow (2.5Y 7/6), fine to coarse grained w/mica		
25								
		SP SM				Sand, pale yellow & brownish-yellow (10YR 6/6), fine to very coarse w/approx. 40% fine to very coarse gravel		
						Sand, reddish-yellow, yellow (10YR 7/8) & pale yellow (5Y 8/3), fine to med. grained, w/mica & glauconite		
30								
		SM				Reddish-yellow, yellow & pale yellow, fine to		
35								

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Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #5

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/10/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						med. grained, silty w/mica & glauconite		
						Reddish-yellow, yellow, pale yellow & dark yellowish-brown (10YR 4/6), fine to coarse grained, w/mica & glauconite		
40								
		SC				Sand, dark yellowish-brown, fine to coarse grained, clayey w/mica & glauconite		
		CL				Clay, brownish-yellow (10YR 6/8) & light gray (10YR 7/6), sandy w/mica		
						BORING TERMINATED AT 43 FEET.		

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LOG OF PROBEHOLE
Location #6

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/10/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	223.23 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Chisholm St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark reddish-brown (5YR 3/4), sandy		
					0	Dark yellowish-brown (10YR 3/6)		
					0			
					0			
5					0			
		CL			0			
					0			
					0			
10					0			
					0			
					0			
					0			
					0			
15		SC			0	Sand, dark yellowish-brown, fine to med. grained, clayey		
					0	Sand, dark yellowish-brown (10YR 4/6), fine to med. grained, silty w/mica		
					0			
					0	Yellowish-brown (10YR 5/8) & very pale brown (10YR 8/4), fine to med. grained, w/mica & glauconite		
					0			
20					0			
		SM			0			
					0			
					0			
					0	Yellowish-brown, brownish-yellow (10YR 6/8) & very pale brown (10YR 8/4), fine to coarse grained w/less than 5% fine to coarse gravel, w/mica & glauconite		
25					0			
					0			
					0			
					0	Approx. 25-30% gravel		
						Saturated		
30		SP SM				Sand, yellowish-brown (10YR 5/8), brownish-yellow & very pale brown (10YR 8/4), fine to very coarse grained w/approx. 50% fine to coarse gravel w/mica & glauconite		
						Sand, brownish-yellow (10YR 6/6) & very pale brown (10YR 8/4), fine grained, silty w/mica &		
35						*Continued Next Page*		

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COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #6

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/10/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				glauconite		
		CL				Clay lense, approx. ½" thick		
		SC				Sand, brownish-yellow (10YR 6/6), very pale brown		
		CL				Clay, pale olive (5Y 6/4), 5" thick		
40		SM				Sand, brownish-yellow & very pale brown, fine grained, silty w/mica & glauconite		
		SC				Clay lense, ½" thick		
		CL				Sand, clayey, silty		
						Clay lense, ½" thick		
45						Sand, brownish-yellow & very pale brown, fine grained, silty, clayey w/mica & glauconite		
50		SM SC				Sand, brownish-yellow & very pale brown, fine to coarse grained, silty, clayey, w/mica & glauconite		
55		CL				Clay, yellowish-brown & gray, sandy		
						BORING TERMINATED AT 56 FEET.		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

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COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #7

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/11/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	224.93 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Chisholm St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, red (2.5YR 4/6), sandy		
					0			
					0			
					0			
		CL			0			
5					0			
					0			
					0			
					0	Sand, yellowish-red (5YR 4/6), fine to med. grained		
					0			
10					0			
					0			
					0			
					0			
					0			
		SM			0			
15					0	Strong brown (7.5YR 5/8) & brownish-yellow (10YR 6/8), fine to med. grained w/mica		
					0			
					0			
					0			
					0			
					0			
20					0			
					0			
					0	Sand, strong brown & yellow (2.5Y 7/6), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
		SP SM			0			
					0	Brownish-yellow (10YR 6/6), olive (5Y 5/6) & yellowish-brown (10YR 5/6)		
25					0			
		SM			0	Sand, yellow & brownish-yellow, fine to coarse grained		
					0	Sand, yellow, brownish-yellow & reddish-yellow (7.5YR 6/8), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
					0			
		SP SM			0			
30					0			
						Saturated		
		SM				Sand, brownish-yellow (10YR 6/6), fine to coarse grained w/mica		
		SC				Sand, pale yellow (5Y 7/3), brownish-yellow & light gray (10YR 7/1), fine to med. grained, clayey w/mica & glauconite		
35						*Continued Next Page*		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #7

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/11/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE: INTERVAL (feet)	SAMPLE: % RECOVERY	SAMPLE: PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Sand, pale yellow (5Y 7/3) & brownish-yellow, fine to med. grained, silty w/mica & glauconite Pale yellow & brownish-yellow, fine to med. grained w/mica & glauconite		
						Sand, pale yellow & brownish-yellow, fine to med. grained, clayey w/mica & glauconite Sand, pale yellow, brownish-yellow & red (2.5YR 4/6), fine to med. grained w/mica & glauconite		
45						Sand, pale yellow & brownish-yellow, fine to med. grained w/mica & glauconite, clayey Sand, pale yellow & brownish-yellow, fine to med. grained, silty w/mica & glauconite Sand, pale yellow & light gray (10YR 7/1), fine to med. grained, clayey w/mica & glauconite Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
50		SM SC				Sand, pale yellow, fine to med. grained, clayey w/mica & glauconite		
55						Sand, light yellowish-brown (2.5Y 6/4), fine to coarse grained w/mica & glauconite Sand, pale yellow, yellowish0brown & light gray, fine to med. grained w/mica & glauconite		
		CL				Clay lense, olive gray (5Y 5/2), ½" thick		
		SM				Sand, pale yellow, fine to med. grained w/mica & glauconite		
		SC				Sand, strong brown, fine to coarse grained, clayey w/mica & glauconite		
60		CL				Clay, strong brown, sandy w/mica BORING TERMINATED AT 60 FEET.		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #8

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/11/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	220.00 Ft. AMSL
DRILLER	L. Newcomer	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Chisholm St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt, 4"		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6), dark brown (7.5YR 3/4)		
					0	Sandy		
					0	Clay, strong brown (7.5YR 4/6) (7.5YR 5/8) & brownish-yellow (10YR 6/8), sandy		
5					0			
		CL			0			
					0			
					0			
					0	Clay, sandy, strong brown & brownish-yellow w/mica		
10					0			
					0			
					0			
					0	Sand, yellowish-brown (10YR 5/8) & olive yellow (2.5Y 6/8), fine to coarse grained, silty w/mica		
15		SM			0			
					0			
					0			
					0	Sand, yellowish-brown & very pale brown (10YR 8/4), fine to coarse grained w/approx. 15-20% fine to coarse gravel, w/mica & glauconite		
20					0			
					0			
					0			
		SP SM			0			
					0	Saturated		
25						Sand, yellow (10YR 7/6) & very pale brown (10YR 4/4) (10YR 8/3), fine to coarse grained w/approx. 40% fine to very coarse gravel, w/mica & glauconite		
						Sand, brownish-yellow, reddish-yellow (7.5YR 7/8) & very pale brown (10YR 8/2), fine to med. grained, silty w/mica & glauconite		
30		SM				Silty/clayey		
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #8

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/11/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		CL				Clay, reddish-yellow (7.5YR 6/6)		
						Sand, very pale brown (10YR 8/4) & brownish-yellow (10YR 6/6), fine to med. grained, silty w/mica & glauconite		
40		SM						
45								
50								
		SC				Sand, yellowish-brown (10YR 5/8), yellowish-red (5YR 4/6) & very pale brown (10YR 8/4), fine to med. grained w/interbedded clay lenses Greenish-gray (GLEY 6/1) & pale olive (5Y 6/4), w/mica & glauconite, clayey		
55						Sand, yellowish-brown & yellowish-red, fine to med. grained		
		CL				Clay, dark bluish-gray (GLEY2 4/1)		
						BORING TERMINATED AT 58.5 FEET.		

Coliseum Blvd. Plume

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TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #9

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/12/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.20 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Broadway St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		CL			0	Clay, red (2.5YR 4/6), sandy		
		SP SM			0 0 0 0	Sand, yellow (10YR 7/8), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
5		CL			0 0 0 0 0	Clay, red, sandy		
10		SC			0 0 0	Sand, red (2.5YR 4/8) & yellowish-red (5YR 4/6), fine to med. grained, clayey		
		SM			0 0 0 0	Sand, strong brown (7.5YR 5/8) & reddish-yellow (7.5YR 6/8), fine to med. grained		
15					0 0 0 0 0	Sand, brown (7.5YR 4/4), fine to very coarse w/approx. 10% fine to coarse gravel Sand, red (2.5YR 4/6) & reddish-yellow (7.5YR 6/8), fine to coarse grained w/approx. 5% fine to coarse gravel		
20					0 0 0 0 0	Sand, brownish-yellow (10YR 6/6), yellowish-red (5YR 4/6), light gray (5Y 7/2) & strong brown (7.5YR 5/8), fine to very coarse w/approx. 10% fine to very coarse gravel		
25		SP			0			

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TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #9

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/12/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM			0	Saturated		
						Sand, brownish-yellow (10YR 6/8), fine to very coarse w/approx. 5% fine to coarse gravel		
30								
		SM				Sand, pale yellow (5Y 7/3) & brownish-yellow (10YR 6/8), fine to med. grained w/mica & glauconite		
		SC				Sand, pale yellow, brownish-yellow & light gray (5Y 7/2), fine to med. grained, clayey w/mica & glauconite		
35		CL				Clay lense, light gray (5Y 7/2), ½" thick, sandy		
		SC				Sand, pale yellow, brownish-yellow, light gray & yellowish-red (5YR 5/8), fine to med. grained, clayey w/mica & glauconite		
		CL				Clay lense, light gray, ¼" thick, sandy		
		SC				Sand, pale yellow, brownish-yellow, light gray & yellowish-red, fine to med. grained, clayey w/mica & glauconite		
						Sand, pale yellow, fine to med. grained w/mica & glauconite		
40		SM				Sand, pale yellow, fine to med. grained, silty, w/mica & glauconite		
						Sand, pale yellow, fine to med. grained, clayey w/mica & glauconite		
45								
						Pale yellow, reddish-brown (2.5YR 4/4) & brownish-yellow (10YR 6/8), clayey		
50		SC						

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #9

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/12/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
55								
		SM				Sand, light yellowish-brown (2.5Y 6/3), olive (5Y 5/3) & yellowish-brown (10YR 5/4), fine to med. grained, silty w/mica & glauconite		
						Sand, brownish-yellow (10YR 6/8), fine to coarse grained w/mica & glauconite		
60		SC				Sand, pale yellow (5Y 7/3), fine to med. grained, silty w/mica & glauconite		
						Sand, brown (10YR 4/3), fine to med. grained, clayey		
		CL				Clay, yellowish-brown, sandy, 1" thick		
						Clay, very dark gray (5Y 3/1) & light gray (2.5Y 7/1), sandy		
						BORING TERMINATED AT 63 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #10

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/06/2001 - 12/12/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	219.83 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Broadway St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt, 6"		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		SC			0	Sand, dark yellowish-brown (10YR 3/6), fine to med. grained w/<5% fine to med. gravel, very clayey		
					0	Clay, strong brown (7.5YR 4/6) & yellowish-red (5YR 4/6), sandy		
5		CL			0			
					0	Very pale brown (10YR 8/4)		
10					0			
		SM			0	Sand, strong brown (7.5YR 5/6), yellowish-brown (10YR 5/8), fine to med. grained w/mica		
15					0			
					0	Sand, yellowish-brown, reddish-yellow (7.5YR 6/8), fine to med. grained w/approx. 20% fine to coarse gravel w/glauconite		
					0	Sand, yellowish-brown, reddish-yellow & pale yellow (2.5Y 7/4), fine to coarse grained w/approx. 30% fine to coarse gravel w/glauconite		
20		SP SM			0			
					0	Saturated		
25					0			
		SC				Sand, very pale brown (10YR 8/3), brownish-yellow (10YR 8/6), fine grained, silty, clayey		
30						Sand, very pale brown (10YR 8/2) & (10YR 8/3), fine to med. grained, silty, w/glauconite & mica		
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #10

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 12/06/2001 - 12/12/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM						
40		SM SC				Silty, clayey		
		CL				Clay lense <½" thick		
45		SM				Sand, very pale brown (10YR 8/2) (10YR 8/3), yellowish-brown (10YR 5/4), fine to med. grained, silty w/mica & glauconite		
		SM SC				Sand, light olive brown (2.5Y 5/4), dark olive brown (2.5Y 3/3), fine to med., silty, clayey w/mica & glauconite		
50		SM				Sand, very pale brown, fine to med., silty w/mica & glauconite		
55		SM SC				Sand, very pale brown, reddish-yellow, dark reddish-brown (5YR 3/4), fine to med., silty, clayey, w/mica & glauconite		
60		CL				Clay, yellowish-brown, sandy		
						BORING TERMINATED AT 61.5 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #11

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/12/2001 - 12/13/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.61 Ft. AMSL
DRILLER	L. Newcomer	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *ALDOT Materials & Test Lab

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark reddish-brown (5YR 3/4), slightly sandy		
					0	Clay, yellowish-red (5YR 4/6), sandy		
					0			
					0			
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0	Sand, yellowish-red, strong brown (7.5YR 5/8), fine grained, silty, w/mica & glauconite		
					0			
					0			
15					0			
					0			
		SM			0	Sand, brownish-yellow (10YR 6/8), very pale brown (10YR 8/4), fine grained w/mica & glauconite, silty		
					0			
					0			
20					0			
					0			
					0			
					0	Sand, brownish-yellow, very pale brown, fine to very coarse grained w/approx. 5-10% fine to coarse gravel, w/mica & glauconite Approx. 40% gravel		
					0			
25					0			
						Saturated		
		SP SW				Approx. 10-15% gravel		
30						Approx. 40% gravel		
						Dense sand, pale yellow (2.5Y 8/3), very pale brown (10YR 8/4), fine grained, silty, clayey w/mica & glauconite		
35		SM						

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Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #11

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 12/12/2001 - 12/13/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SC						
		CL				Clay lense, approx. ¼" thick		
		SM				Dense sand, very pale brown, pale yellow (2.5Y 8/3), fine to med. grained, silty, clayey, w/mica & glauconite		
		SC						
		CL				Clay lense, approx. ¼" thick		
40						Dense sand, very pale brown, pale yellow, fine grained w/mica & glauconite, clayey		
		SC						
45								
		CL				Clay lense, approx. 1" thick		
50						Sand, very pale brown, pale yellow, fine grained, clayey, w/mica & glauconite		
55						Sand, very pale brown, fine to coarse grained, clayey, w/mica & glauconite		
		SC						
60						Sand, brownish-yellow (10YR 6/6), fine to coarse grained, clayey		
65		CL				Clay, light yellowish-brown (2.5YR 6/3), sandy		
						BORING TERMINATED AT 65 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #12

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/13/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.75 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *ALDOT Materials & Test

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		
					0	Clay, red (10YR 4/6), sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
		CL			0			
5					0			
					0			
					0			
					0			
		SC			0	Sand, red, fine to med. grained, clayey w/mica		
10					0			
					0	Sand, yellowish-red (5YR 5/8), fine to med. grained, w/mica		
					0			
					0			
		SM			0			
					0			
15					0	Yellowish-red, red & strong brown (7.5YR 4/6)		
					0			
		SC			0	Sand, brown (7.5YR 4.4), fine to med. grained, clayey		
					0	Sand, reddish-yellow (7.5YR 6/8) & strong brown (7.5YR 5/8), fine to med. grained, w/mica		
20					0	Sand, strong brown & reddish-yellow, fine to med. grained, silty, w/mica		
		SM			0	Sand, brownish-yellow (10YR 6/8) & yellow (10YR 7/6), fine to coarse grained, w/mica		
					0			
					0			
					0			
25		SP SM			0	Sand, brownish-yellow, yellow (10YR 7/6) & yellowish-brown (10YR 5/8), fine to very coarse w/approx. 30% fine to very coarse gravel		
						Saturated		
						Sand, yellow & reddish-yellow (7.5YR 6/8), fine to very coarse grained		
30								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #12

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/13/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, reddish-yellow, fine to very coarse grained, w/approx. 5% fine to very coarse gravel		
						Sand, brownish-yellow, fine to very coarse grained		
						Sand, brownish-yellow, fine to very coarse grained, w/approx. 20% fine to very coarse gravel		
35		SP SM				Sand, yellow, pale yellow & yellowish-red, fine to med grained, silty, w/mica & glauconite		
		CL				Clay lense, light gray (5Y 7/2), sandy, ½" thick		
						Sand, pale yellow, fine to med. grained, w/mica & glauconite		
40		SM				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		CL				Clay lense, light gray (5Y 7/2), sandy, ¼" thick		
		SM				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
		CL				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
45		SC				Clay lense, light gray (5Y 7/2), sandy, ¼" thick		
		SM				Sand, pale yellow, fine to med. grained, clayey w/mica & glauconite		
						Sand, pale yellow, fine to med. grained w/mica & glauconite		
						Sand, pale yellow, light gray & reddish-yellow, fine to med. grained, clayey w/mica & glauconite		
50		SC				Sand, pale yellow, light gray & reddish-yellow, fine to med. grained, w/mica & glauconite, clayey		
		SC				Clay lense, light gray (5Y 7/2), ¼" thick		
55		CL				Sand, pale yellow, reddish-yellow, fine to med. grained w/interbedded clay lenses <¼" thick, w/mica & glauconite		
						BORING TERMINATED AT 55 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #13

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/14/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.79 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *ALDOT Materials & Test Bureau Parking Area

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark grayish-brown (10YR 4/2), sandy, w/20% gravel		
					0			
					0			
					0	Clay, yellowish-red (5YR 4/6), sandy		
5					0	Clay, strong brown (7.5YR 5/6), sandy		
					0	Clay, reddish-yellow (7.5YR 6/8), yellowish-red (5YR 5/8) & light gray (2.5Y 7/2), sandy, stiff		
		CL			0			
					0			
10					0			
					0			
					0			
					0			
					0			
15					0	Sand, brownish-yellow, strong brown & yellow (10YR 7/6), fine to coarse grained		
		SM			0			
					0			
					0	Sand, brownish-yellow & strong brown, fine to very coarse grained, w/approx. 5% fine to coarse gravel		
20					0			
					0			
					0	Sand, strong brown, yellow & light yellowish-brown (10YR 6/4), fine to very coarse w/approx. 30% fine to very coarse gravel		
					0			
25		SP SM			0			
					0			
						Saturated		
						Sand, strong brown, light yellowish-brown & yellow, fine to very coarse grained w/approx. 5% fine to coarse gravel		
30								
						Sand, yellow, pale yellow (5Y 7/3), & bluish-red (5YR 5/6), fine to med. grained, silty w/mica & glauconite		
35						*Continued Next Page*		

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Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #13

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/14/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, pale yellow, fine to very coarse w/approx. 5% fine to very coarse gravel		
40		SC				Sand, pale yellow, yellow & yellowish-red, fine to med. grained, clayey w/mica & glauconite		
		SM				Sand, yellow, pale yellow & yellowish-red, fine to med. grained, silty w/mica & glauconite		
		SC				Sand, pale yellow & yellowish-red, fine to med. grained, clayey		
45		SM				Sand, pale yellow, yellow & yellowish-red, fine to med. grained, w/mica & glauconite		
50		CL				Clay lense, light gray (2.5Y 7/2) & brownish-yellow, sandy, ¼" thick		
		SC				Sand, pale yellow & yellowish-red, fine to med. grained, clayey		
		SM				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
55						Sand, yellow, fine to med. grained, w/mica & glauconite		
		CL				Sand, yellow, pale yellow & brownish-yellow, fine to med. grained, silty, w/mica & glauconite		
						Clay, light gray & strong brown, sandy		
						BORING TERMINATED AT 56 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #14

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/17/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	219.41 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Houser Street

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6), sandy		
					0			
					0			
					0	Clay, red (2.5YR 4/8), yellowish-brown (10YR 5/8), sandy, stiff		
5					0			
		CL			0			
					0			
					0			
					0	Red (2.5YR 4/8), yellowish-brown & light gray (5Y 7/2)		
10					0			
					0			
					0			
					0	Sand, strong brown (7.5YR 5/8) & yellowish-brown, fine to med. grained, w/mica		
		SM			0			
15					0			
		SP			0	Sand, strong brown & reddish-yellow (7.5YR 6/8), fine to very coarse grained, w/approx. 30% fine to very coarse gravel		
		SM			0	Sand, yellowish-brown & dark yellowish-brown (10YR 4/6)		
					0	Sand, brownish-yellow, yellow & black (10YR 2/1), fine to very coarse grained w/approx. 30% fine to very coarse gravel		
					0			
20		SP SM			0			
					0			
					0			
					0			
		CL			0	Clay lense, yellow, sandy, ¼" thick		
25					0	Sand, reddish-yellow, strong brown, brownish-yellow, fine to very coarse grained w/approx. 30% fine to very coarse gravel, saturated		
		SP SM						
		CL				Clay lense, light gray (5Y 7/2), sandy, less than ¼" thick		
30								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #14

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/17/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, yellow, pale yellow & yellowish-red, fine to med. grained, silty w/mica & glauconite		
						Sand, yellowish-red, yellow & brownish-yellow (10YR 6/8), fine to very coarse grained, w/approx. 10% fine to very coarse gravel		
						Sand, yellow, pale yellow & yellowish-red, fine to med. grained, w/mica & glauconite		
						Sand, yellow, pale yellow & yellowish-red, fine to med. grained, silty, w/mica & glauconite		
35						Sand, yellow, pale yellow & yellowish-red, fine to med. grained, w/mica & glauconite		
		CL				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
						Clay lense, light gray (5Y 7/2), ~ ¼" thick		
		SM				Sand, pale yellow & yellowish-red, fine to med. grained, silty w/mica & glauconite		
						Sand, pale yellow, fine to med. grained, w/mica & glauconite		
40						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		CL				Clay lense, light gray (5Y 7/2), ~ ¼" thick		
		SM				Sand, pale yellow & brownish-yellow, fine to med. grained, silty, w/mica & glauconite		
		CL				Clay lense, light gray, ¼" thick, sandy		
		SM				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
45		CL				Clay lense, light gray & brownish-yellow, ¼" thick		
		SM				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
		CL				Clay lense, light gray, very thin, 1/8" thick		
		SM				Sand, pale yellow, brownish-yellow & light gray, fine to med. grained, w/mica & glauconite		
50		CL				Clay lense, light gray & brownish-yellow, <¼" thick, stiff		
		SM				Sand, pale yellow, brownish-yellow, fine to med. grained, w/mica & glauconite		
		CL				Clay lense, light gray, ¼" thick		
		SM				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
55						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		CL				Clay, pale yellow, light gray, brownish-yellow & very dark gray (5Y 3/1), sandy w/mica		
						BORING TERMINATED AT 57 FEET.		

Coliseum Blvd. Plume

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TTL, Inc.

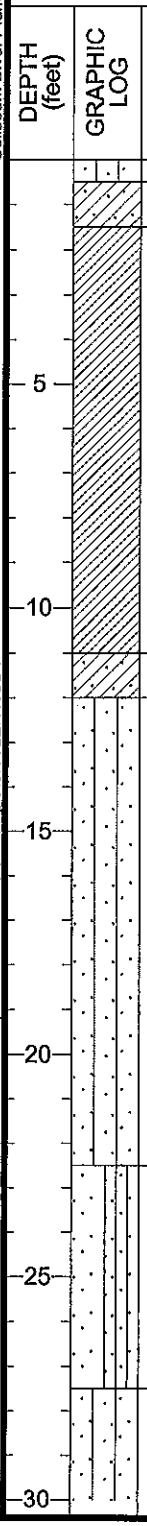
PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #15

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/19/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.71 Ft. AMSL
DRILLER	L. Newcomer	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Immediately east of ALDOT Materials & Test Bureau Bldg.



DEPTH (feet)	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
	SM			0	Sand, dark brown (7.5YR 3/4), w/organics		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
	SC			0	Sand, dark brown, dark yellowish-brown (10YR 3/6), fine to coarse grained w/approx. 15-20% fine to coarse gravel, clayey		
				0	Clay, dark yellowish-brown, sandy		
				0			
				0			
5				0			
	CL			0			
				0			
				0			
				0			
10				0			
	SC			0	Sand, yellowish-red (5YR 5/8), strong brown (7.5YR 5/8), yellowish-brown (10YR 5/6), fine grained, clayey		
				0	Sand, dark yellowish-brown, yellowish-brown, fine to med. grained w/mica & glauconite		
				0			
				0			
15				0			
	SM			0	Sand, brownish-yellow (10YR 6/8), very pale brown (10YR 8/3), olive yellow (2.5Y 3/8), fine to med. grained		
				0			
				0			
20				0			
				0	Sand, brownish-yellow, very pale brown, olive yellow, fine to very coarse grained, <5% fine to coarse gravel		
				0			
				0	Sand, brownish-yellow, very pale brown, olive yellow, fine to very coarse grained, w/approx. 40% fine to very coarse gravel		
				0			
25	SP SM			0			
				0			
				0			
				0	Sand, brownish-yellow, very pale brown, fine to med. grained w/mica & glauconite, saturated		
30							

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #15

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/19/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM						
		SM				Silty, clayey		
		SP				Sand, brownish-yellow, very pale brown, fine to very coarse grained, w/approx. 30% fine to coarse gravel		
		SC						
35						Sand, brownish-yellow, very pale brown, fine to med., clayey		
						Sand, very pale brown (10YR 8/2) (10YR 8/3), brownish-yellow, fine to med. grained, silty w/mica & glauconite		
40								
45		SM				Silty, clayey		
50						Sand, very pale brown, yellowish-brown, fine grained w/mica & glauconite		
55								
		SM				Silty/clayey		
		SC						
		CL				Clay, light gray		
						BORING TERMINATED AT 57.5 FEET.		

Coliseum Blvd. Plume

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #16

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/17/2001 - 12/18/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.28 Ft. AMSL
DRILLER	L. Newcomer	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Approx. 110 ft. east of ALDOT Materials & Test Bureau Bldg.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark reddish-brown (5YR 3/4), sandy		
					0	Clay, strong brown (7.5YR 4/6), dark yellowish-brown (10YR 4/6), very pale brown (10YR 7/4), sandy		
					0			
					0			
5					0			
					0			
		CL			0	Silty/sandy		
					0			
					0			
10					0			
					0			
					0			
					0			
					0	Light gray (10YR 7/1)		
15					0	Sand, yellowish-brown (10YR 5/8), fine to med. grained, silty		
		SM			0	Sand, yellowish-brown, very pale brown, reddish-yellow (7.5YR 6/8), fine to med. grained, silty, clayey, w/mica & glauconite		
					0	Sand, reddish-yellow, very pale brown, fine to med. grained, silty w/<5% fine gravel		
					0	Sand, yellowish-brown, strong brown (7.5YR 5/8), fine to med. grained, w/mica & glauconite		
20					0	Sand, brownish-yellow (10YR 6/6) (10YR 6/8), light olive brown (2.5Y 5/6), very pale brown, fine to very coarse grained w/approx. 40% fine to very coarse gravel, w/mica & glauconite		
					0	Approx. 20-30% gravel		
					0			
					0			
25		SP SM			0	Saturated		
						Approx. 10-15% gravel		
						Sand, very pale brown, reddish-yellow, fine to med. grained, w/<5% fine to med. gravel		
30						Sand, very pale brown, brownish-yellow, fine to very coarse grained w/approx. 5-10% fine to very coarse gravel		
						Sand, brownish-yellow, very pale brown, fine to med. grained w/mica & glauconite, silty		
		SM						
35								

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Coliseum Blvd. Plume
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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #16

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/17/2001 - 12/18/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE: INTERVAL (feet)	SAMPLE: % RECOVERY	SAMPLE: PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						Silty/clayey Silty		
		CL				Clay lense, light gray (10YR 7/1), <¼" thick		
40						Sand, very pale brown, fine to med. grained w/mica & glauconite		
						Silty/clayey Sand, very pale brown, fine to med. grained w/mica & glauconite		
45		SM SC				Silty/clayey Sand, very pale brown, fine to med. grained w/mica & glauconite		
50		CL				Clay lense, light gray (10YR 7/1), <¼" thick		
		SC				Sand, very pale brown, light brownish green (10YR 6/2), brownish-yellow, fine to med., clayey, w/mica & glauconite		
55						Strong brown (7.5YR 4/6)		
		CL				Clay lense, light brown, 2" thick		
60		SC				Sand, yellowish-red (5YR 4/5), fine to coarse grained w/mica & glauconite, clayey		
		CL				Clay, gray		
						BORING TERMINATED AT 63 FEET.		

Coliseum Blvd. Plume

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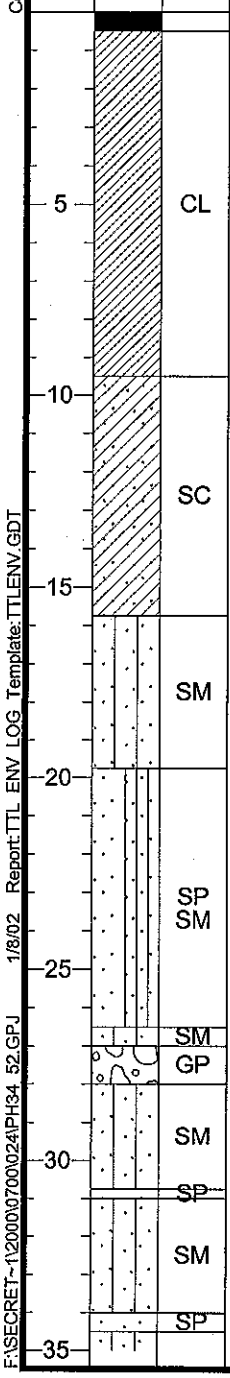
PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #17

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/18/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.86 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *ALDOT Equipment Yard



DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, yellowish-red (5YR 4/6) & brownish-yellow (10YR 6/6), sandy		
					0			
					0			
					0	Clay, red (2.5YR 5/8) & brownish-yellow (10YR 5/8), sandy & stiff		
5		CL			0			
					0			
					0			
					0			
					0	Red, brownish-yellow & light gray (5Y 7/2)		
10		SC			0	Sand, red, brownish-yellow & light gray, fine to med. grained, clayey		
					0			
					0			
					0			
					0			
15					0			
		SM			0	Sand, reddish-yellow (5YR 6/8), fine to med. grained, micaceous		
					0			
					0			
					0			
20					0	Sand, reddish-yellow, brownish-yellow (10YR 6/8), yellow (2.5Y 8/6) & pale yellow (2.5Y 7/3), fine to very coarse w/approx. 30-40% fine to very coarse gravel		
					0			
					0			
		SP SM			0			
					0			
25					0			
		SM				Sand, yellow (10YR 7/6), fine to med. grained, w/mica, saturated		
		GP				Gravels, brownish-yellow (10YR 6/6), approx. 50% fine to very coarse		
		SM				Sand, brownish-yellow, fine to very coarse w/mica		
30		SP				Sand, brownish-yellow, fine to coarse grained w/approx. 20% fine to coarse gravel w/mica		
		SM				Sand, reddish-yellow, fine to med. grained, w/mica		
		SP				Sand, pale yellow (2.5Y 8/4), fine to coarse grained, w/mica & glauconite		
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #17

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/18/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, pale yellow, fine to very coarse w/approx. 30% fine to very coarse gravel w/mica & glauconite		
		CL				Sand, pale yellow, brownish-yellow, fine to med. grained, w/mica & glauconite		
		SM				Clay lense, light gray, sandy, ¼" thick		
		CL				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
40		SC				Clay lense, light gray, sandy, 2" thick		
		CL				Sand, pale yellow & light gray, fine to med. grained, interbedded w/numerous very thin clay lenses, w/mica & glauconite		
		SM				Clay lense, light gray, sandy, ¼" thick		
		CL				Sand, pale yellow, fine to med. grained, w/mica & glauconite		
		SM				Clay lense, light gray, sandy, ¼" thick		
45						Sand, pale yellow, fine to med. grained, w/mica & glauconite		
		SC				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
						Sand, pale yellow & light gray, fine to med. grained, interbedded w/numerous very thin clay lenses, w/mica & glauconite		
50						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		SM				Sand, pale yellow, fine to very coarse grained, w/mica & glauconite		
55						Sand, pale yellow, fine to coarse grained, w/mica & glauconite		
						Light yellowish-brown (10YR 6/6) Strong brown (7.5YR 5/6) & dark brown (7.5YR 3/3)		
		CL				Clay lense, light gray, sandy, ¼" thick		
60		SC				Sand, strong brown, pale yellow & brownish-yellow, fine to med. grained, clayey		
		CL				Clay, strong brown & light gray, sandy, micaceous		
						Clay, greenish-gray, dark bluish-gray, sandy		
						BORING TERMINATED AT 63 FEET.		

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #18

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/19/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.51 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410/66DT	**WATER ELEVATION**	

REMARKS *ALDOT Materials & Test Lab Parking Area

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6)		
					0			
					0	Clay, red (2.5YR 4/8), reddish-yellow (7.5YR 6/6), sandy, stiff		
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0			
		SC			0	Sand, red, reddish-yellow & light gray (5Y 7/2), fine to med. grained, clayey w/mica		
					0	Sand, reddish-yellow & yellow (10YR 7/8), fine to med. grained w/mica		
15		SM			0			
					0			
					0			
		SP			0	Sand, brownish-yellow (10YR 6/8), fine to very coarse grained w/approx. 30% fine to very coarse gravel		
20		SM			0	Sand, brownish-yellow, fine to coarse grained w/mica		
					0			
					0	Sand, brownish-yellow & reddish-yellow, fine to very coarse grained w/approx. 40% fine to very coarse gravel		
					0			
25		SP			0			
						Saturated		
		SM				Sand, brownish-yellow, fine to med. grained w/mica		
30								
		SP				Sand, reddish-yellow & brownish-yellow, fine to very coarse grained w/approx. 20% fine to coarse gravel		
		SC				Sand, reddish-yellow, yellow (2.5Y 8/6), pale yellow (5Y 7/3) & light gray (5Y 7/2), fine to med. grained, clayey w/mica & glauconite		
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #18

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 12/19/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40						Sand, pale yellow, fine to med. grained w/mica & glauconite Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
						Sand, pale yellow, fine to med. grained w/mica & glauconite		
						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite Sand, pale yellow, fine to med. grained w/mica & glauconite		
45								
50		SM						
55						Sand, pale yellow, very pale brown (10YR 8/3), fine to very coarse grained w/mica & glauconite		
60								
65						Sand, pale yellow, very pale brown (10YR 8/3), fine to med. grained w/mica & glauconite		
		SM SC				Sand, pale yellow, very pale brown, yellowish-brown (10YR 5/4), silty, clayey		
						AUGER REFUSAL AT 67 FEET.		

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TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #19

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/19/2001 - 12/21/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.81 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *ALDOT Materials & Test Lab Parking Area

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, red (10R 4/6), sandy, stiff		
					0			
					0			
					0			
5		CL			0	Red, reddish-yellow (2.5YR 6/4) & light gray (5Y 7/2)		
					0			
					0			
					0			
					0			
10		SC			0	Sand, red, fine to med. grained w/mica, clayey		
					0			
					0			
		SM			0	Sand, yellowish-red (5YR 5/8) & reddish-yellow (5YR 6/8) & yellow (10YR 8/6), fine to med. grained, w/mica		
15					0			
					0			
					0			
					0			
					0			
20					0	Sand, yellowish-red, reddish-yellow & yellow, fine to coarse grained		
					0			
					0			
					0			
					0			
25		SP SM			0	Sand, yellow & pale yellow (2.5Y 7/4), fine to very coarse grained, w/approx. 40% fine to very coarse gravel		
					0	Sand, pale yellow, fine to med. grained		
						Sand, pale yellow, fine to coarse grained w/approx. 20% fine to coarse gravel		
		SM				Sand, pale yellow, fine to med. grained, saturated		
30								
		SC				Sand, light yellowish-brown (2.5Y 6/4), fine to med. grained, clayey		
						Sand, reddish-yellow (5YR 7/6) & light gray (5Y 7.2), fine to very coarse w/approx. 40-50% fine to very coarse gravel, clayey		
		SP SM				Brownish-yellow, yellowish-red		
35								

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PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #19

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/19/2001 - 12/21/2001

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
45						Sand, pale yellow, fine to med. grained, w/mica & glauconite		
50		SM						
55						Fine to coarse grained		
60						Fine to med. grained		
65		SM SC				Sand, yellowish-brown (10YR 5/4), pale yellow, very pale brown (10YR 5/3), fine to med. grained, silty/clayey w/mica & glauconite		
		SC				Sand, yellowish-red, dark yellowish-brown (10YR 4/6), fine to med. grained, clayey w/mica & glauconite		
						AUGER REFUSAL AT 68 FEET.		

Coliseum Blvd. Plume
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TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #20

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/20/2001
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	215.68 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Montclair Drive

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SM			0	Sand, fine grained w/organics		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark yellowish-brown (10YR 3/4) & yellowish-brown (10YR 5/8), sandy		
					0			
					0			
					0			
5		CL			0	Clay, yellow (10YR 7/8), light gray (5Y 7/2) & reddish-yellow (5YR 5/8), sandy		
					0			
					0			
					0			
					0			
10					0			
					0			
					0			
		SC			0	Sand, yellow, light gray & reddish-yellow, fine to med. grained, clayey		
					0			
15					0			
					0	Sand, yellow, light gray & reddish-yellow, fine to very coarse grained, w/approx. 40% fine to very coarse gravel		
					0	Sand, yellow, light gray, reddish-yellow & dark yellowish-brown (10YR 4/6), fine to very coarse grained, w/approx. 40-50% fine to very coarse gravel, clayey		
		SP SM			0			
20					0			
					0	Sand, brownish-yellow (10YR 6/8) & olive yellow (2.5Y 6/6), fine to very coarse grained w/approx. 10% fine to coarse gravel, saturated		
		SM				Sand, pale yellow (5Y 7/3), reddish-yellow & brownish-yellow, fine to med. grained, w/mica & glauconite		
25		SC				Sand, pale yellow, reddish-yellow & brownish-yellow, fine to med. grained, interbedded w/numerous clay lenses		
		CL				Clay lense, light gray (5Y 7/2), 3" thick		
		SC				Sand, pale yellow, reddish-yellow & brownish-yellow, fine to med. grained, w/interbedded clay lenses, w/mica & glauconite		
30		SM				Sand, pale yellow, reddish-yellow & brownish-yellow, fine to med. grained, w/mica & glauconite		
						Sand, pale yellow, reddish-yellow, fine to med. grained, silty, w/mica & glauconite		
		SC				Sand, pale yellow, reddish-yellow & brownish-yellow, fine to med. grained,		
35						*Continued Next Page*		

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TTL, Inc.

PRACTICING IN THE GEOSCIENCES
Tuscaloosa - Montgomery - Florence

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #20

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/20/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						w/interbedded clay lenses, w/mica & glauconite		
						Sand, yellow & brownish-yellow, fine to med. grained, w/mica & glauconite		
40		SM						
						Sand, yellow & brownish-yellow, fine to med. grained, silty w/mica & glauconite		
45						Sand, yellow & brownish-yellow, fine to coarse grained, w/mica & glauconite		
50		CL				Clay lense, light gray (5Y 7/2), ¼" thick, sandy		
		SM				Sand, yellow & brownish-yellow, fine to coarse grained, w/mica & glauconite		
						Sand, yellow & brownish-yellow, fine to coarse grained, interbedded w/clay lenses, w/mica & glauconite		
55		SC				Sand, brownish-yellow & light gray, fine to med. grained, numerous interbedded clay lenses w/mica		
		CL				Clay, light gray, sandy		
60						Bluish-gray (GLEY2 6/1)		
						BORING TERMINATED AT 60 FEET.		

Coliseum Blvd. Plume

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TTL Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #21

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/03/2002 - 01/07/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.00 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	
REMARKS	*Gardendale Dr.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt (3")		
					0	Clay, dark yellowish brown (10YR 3/6), w/approx. 30% fine to coarse gravel, sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, dark yellowish-brown, red (10R 4/8), sandy		
		CL			0			
					0			
5					0	Very sandy		
					0			
					0	Sand, red (10R 4/8) (2.5YR 4/8), fine grained, clayey		
		SC			0			
					0			
10					0			
					0	Sand, red (2.5YR 4/8), dark yellowish-brown (10YR 4/6), very pale brown (10YR 8/3), fine to med. grained, silty		
					0			
					0	Sand, olive yellow (5Y 6/6), very pale brown (10YR 4/3) (10YR 8/4), fine to med. grained, silty w/traces of mica		
15		SM			0			
					0			
					0			
					0	Sand, olive yellow, very pale brown, fine to very corse grained w/approx. 40% fine to very coarse gravel		
20					0			
					0			
					0			
					0			
					0	Traces of glauconite		
25		SP SM			0	Approx. 30% gravel		
						Sand, yellowish-brown (10YR 5/8), very pale brown, fine to very coarse grained w/approx. 40% fine to very coarse gravel, w/traces of glauconite		
30						Silty		
						Sand, very pale brown, brownish-yellow (10YR 6/8), fine to med. grained, silty, clayey w/mica & glauconite		
35						Sand, brownish-yellow, very pale brown,		

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #21

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 01/03/2002 - 01/07/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						strong brown (7.5YR 5/6), reddish-yellow (7.5YR 6/8), fine to med. grained w/mica & glauconite, silty, clayey		
40						Very pale brown		
45		SM				Sand, very pale brown, pink (5YR 8/6), fine grained w/mica & glauconite		
50						Sand, brownish-yellow, reddish-yellow, very pale brown, fine to coarse grained, silty w/mica & glauconite		
55						Sand, pale olive (5Y 6/4) & brownish-yellow, fine to med. grained w/mica & glauconite		
						Sand, brownish-yellow, fine grained, silty		
60		CL				Sand, pale olive, fine to med. grained w/mica & glauconite Clay, light gray (5Y 7/2), sandy, 3" thick BORING TERMINATED AT 60 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #22

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck/D. Carroll
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	01/07/2002
DRILLER	D. Mick	**GROUND ELEVATION**	224.41 Ft. AMSL
DRILLING METHOD	Geoprobe 5410	**DEPTH TO WATER**	N/A
		WATER ELEVATION	
REMARKS	*Chisholm St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt (4")		
		CL			0	Clay, dark reddish-brown (5YR 3/4), sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, strong brown (7.5YR 4/6), sandy		
					0	Clay, dark yellowish-brown (10YR 4/6) (10YR 3/6)		
5					0			
					0			
					0	Sand, dark yellowish-brown, fine to med. grained, clayey		
		SC			0			
					0			
10					0			
					0			
		SM SC			0	Silty, clayey		
					0			
					0	Sand, yellowish-brown (10YR 5/8), very pale brown (10YR 8/7), fine to med. grained w/mica & glauconite		
15					0			
					0			
		SM			0	Sand, brownish-yellow(10YR 6/8), olive yellow (7.5Y 6/6), very pale brown (10YR 8/3), fine grained w/glauconite & traces of mica		
					0			
20					0			
					0			
					0			
					0	Sand, brownish-yellow, olive yellow, very pale brown, yellowish-brown, fine to very coarse grained w/approx. 30% fine to very coarse gravel w/mica & glauconite		
25		SP SM			0			
						Approx. 15% gravel		
30								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #22

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck/D. Carroll
DATE(S) DRILLED 01/07/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		CL				Clay lense, gray, <¼" thick		
		SC SM				Sand, brownish-yellow, very pale brown, yellowish-brown, fine to med. grained, clayey, silty, w/mica & glauconite		
35		CL				Clay, grayish-brown (10YR 5/2), gray (2.5Y 6/1), 8" thick		
		SC SM				Sand, brownish-yellow, very pale brown, yellowish-brown, fine to med. grained, clayey, silty, traces of mica & glauconite		
40		SM				Sand, yellowish-brown, very pale brown, fine to med. grained, silty w/mica & glauconite		
						Sand, very pale brown & yellowish-brown, fine to med. grained, w/mica & glauconite		
45						Sand, very pale brown & yellowish-brown, fine to med. grained, silty, w/mica & glauconite		
						Sand, very pale brown & yellowish-brown, fine to med. grained, w/mica & glauconite		
50		SC				Sand, very pale brown, yellowish-brown & light gray (5Y 7/2), fine to med. grained, clayey, w/mica & glauconite		
55		CL SC CL				Clay, light gray (5Y 7/2), sandy, ½" thick Sand, strong brown (7.5YR 5/6), fine to coarse grained, clayey w/mica & glauconite Clay, light gray, sandy BORING TERMINATED AT 56 FEET.		

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #23

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/09/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	216.54 Ft. AMSL
DRILLER	J. Kalvig	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	
REMARKS	*Broadway St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
		SM			0	Sand, reddish-brown (2.5YR 4/4), fine to very coarse grained w/approx. 5% fine to coarse gravel		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
		SC			0	Sand, red (2.5YR 4/6), brownish-yellow (10YR 6/6) & light gray (5Y 7/2), fine to coarse grained, clayey		
5					0			
					0	Clay, red, brownish-yellow & light gray, sandy, stiff		
					0			
					0			
					0			
10		CL			0			
					0			
					0			
					0			
					0			
					0			
15					0			
		SC			0	Sand, red, brownish-yellow & light gray, fine to med. grained, clayey		
		SM			0	Sand, reddish-yellow (5YR 6/8), fine to coarse grained		
					0	Sand, reddish-yellow, strong brown (7.5YR 4/6), fine to very coarse grained, w/approx. 30% fine to very coarse gravel		
20					0			
					0			
		SP SM			0	Sand, reddish-yellow, brownish-yellow (10YR 6/8), fine to very coarse grained w/approx. 10% fine to coarse gravel		
					0			
					0			
25					0			
						Sand, pale yellow (5Y 7/3) & reddish-yellow (5YR 6/8), fine to med. grained w/mica & glauconite		
30								
						Silty		
		SM						
35								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #23

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/09/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		CL				Clay lense (~1"), light gray (5Y 7/2), sandy Sand, pale yellow (5Y 7/3) & reddish-yellow (5YR 6/8), fine to med. grained w/mica & glauconite		
		SM						
		CL						
45						Clay lense (~¼"), light gray (5Y 7/2), sandy Sand, pale yellow, reddish-yellow, fine to med. grained w/mica & glauconite		
		SM						
50								
		CL				Clay lense (<¼"), light gray (5Y 7/2), sandy Sand, pale yellow (5Y 7/3), reddish-yellow (5YR 6/8) & olive yellow (2.5Y 6/6), fine to med. grained w/mica & glauconite		
		SM						
		CL				Clay lense (~1"), light gray (5Y 7/2), sandy Sand, olive yellow (2.5Y 6/6), fine to med. grained, w/mica & glauconite		
55		SM						
		CL				Clay lense (<¼"), light gray (5Y 7/2), sandy Sand, olive yellow & reddish-yellow, fine to med. grained w/mica & glauconite		
		SM						
						AUGER REFUSAL AT 58 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #24

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	01/11/2002
DRILLER	J. Kalvig	**GROUND ELEVATION**	219.64 Ft. AMSL
DRILLING METHOD	Geoprobe 66DT	**DEPTH TO WATER**	N/A
		WATER ELEVATION	
REMARKS	*Houser St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0.8	Asphalt		
					0.6	Clay, yellowish-brown (10YR 5/8), sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0.7			
					0	Clay, red (2.5YR 4/6), brownish-yellow (10YR 6/6) & light gray (5Y 7/2), sandy, stiff		
5					0			
					0			
		CL			0			
					3.4			
					3.9			
10					3.8			
					2.5			
					2.8			
					2.4			
					2.6			
15		SM			0	Sand, reddish-yellow (7.5YR 6/8) & strong brown (7.5YR 5/8), fine to med. grained		
					0			
					0	Sand, reddish-yellow, fine to very coarse grained w/approx. 20% fine to coarse gravel		
					0			
		SP SM			0			
20					0			
					0			
					0			
					0			
		SM			0	Sand, reddish-yellow, fine to coarse gravel		
25					1.3			
						Sand, yellow (10YR 7/8), fine to very coarse w/approx. 30% fine to coarse gravel		
		SP						
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
30		SM				Sand, pale yellow (5Y 7/3), fine to med. grained, silty w/mica & glauconite		
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
35								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #24

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/11/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM						20 feet of rods (including sampler) broke off in probehole; threads broke at approx. 36 ft. BLS.
45		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy Sand, pale yellow, fine to med. grained, w/mica & glauconite		
50		SM						
55						AUGER REFUSAL AT 56 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #25

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	01/14/2002 - 01/16/2002
DRILLER	J. Kalvig	**GROUND ELEVATION**	220.05 Ft. AMSL
DRILLING METHOD	Geoprobe 66DT	**DEPTH TO WATER**	
		WATER ELEVATION	

REMARKS *Immediately west of Fairground Rd. about 300 ft. south of Houser St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SM			0	Silt w/organics		
					0	Clay, yellowish-red (5YR 4/6) & yellowish-brown (10YR 4/6), sandy, plastic		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
					0	Clay, red (2.5YR 4/6), brownish-yellow (10YR 6/6) & light gray (5Y 7/2), sandy, stiff		
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0			
					0			
					0	Sand, red & brownish-yellow, fine to med. grained, clayey		
					0			
15		SC			0			
					0			
					0			
					0			
					0	Sand, yellow (10YR 7/8) & very pale brown (10YR 7/4), fine to very coarse grained w/approx. 40% fine to coarse gravel		
					0			
20		SP SM			0			
					0			
					0			
		CL			0	Clay, red (2.5YR 7/8), sandy w/gravel		
					0	Sand, yellow & reddish-yellow (7.5YR 6/8), fine to very coarse grained w/approx. 15% fine to coarse gravel		
					0			
25								
						40% gravel		
		SP SM						
30								
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #25

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/14/2002 - 01/16/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						Note: Approx. 50% recovery at 32 to 36 ft. interval		24 feet of rods (including sampler) broke off; threads broke at approx. 24 feet.
40		SM				Sand, pale yellow (5Y 7/3), fine to med. grained, silty w/mica & glauconite		
		CL				Clay, light gray (5Y 7/2), sandy		
45						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
						Sand, pale yellow, fine to med. grained w/mica & glauconite		
50		SM						
55						Sand, pale yellow & reddish-yellow		
60		CL				Clay, light gray, sandy		
						BORING TERMINATED AT 62 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #26

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	01/04/2002 - 01/16/2002
DRILLER	D. Mick	**GROUND ELEVATION**	218.72 Ft. AMSL
DRILLING METHOD	Geoprobe 66DT	**DEPTH TO WATER**	N/A
		WATER ELEVATION	
REMARKS	*ALDOT Materials & Test Bureau parking lot		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SM			0	Asphalt		
					0	Sand, brown (7.5YR 4/4), fine to med. grained		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
5		CL			0	Clay, yellowish-brown (10YR 5/8) & yellow (10YR 7/8), sandy		
					0	Clay, red (10R 5/8), reddish-yellow (7.5YR 6/8) & light gray (5Y 7/2), sandy, stiff		
					0			
					0			
					0			
10		SC			0	Sand, red, reddish-yellow, & light gray, fine to med. grained, clayey, micaceous		
					0			
		SM			0	Sand, reddish-yellow, fine to med. grained w/mica		
					0			
15					0	Sand, brownish-yellow (10YR 6/8), fine grained, silty, w/mica		
		SP SM			0	Sand, reddish-yellow, brownish-yellow (10YR 6/8) & strong brown (7.5YR 5/6), fine to very coarse grained w/approx. 20% fine to coarse gravel		
					0			
					0	Sand, brownish-yellow & very pale brown (10YR 7/4), fine to very coarse grained, w/approx. 5% fine to very coarse gravel		
20		SC			0			
					0	Sand, red (10YR 5/8) & black (10YR 7/1), fine to very coarse, clayey w/mica		
					0	Sand, brownish-yellow & very pale brown, fine to very coarse grained w/approx. 20% fine to very coarse gravel		
					0	Sand, reddish-yellow, fine to very coarse grained w/approx. 5% fine to med. gravel, pea size		
25		SP SM			0			
						Clay lense, light gray (5Y 7/2), w/gravel		
30						Sand, pale yellow (5Y 7/3), brownish-yellow & reddish-yelllow, fine to med. grained, w/mica & glauconite		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #26

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/04/2002 - 01/16/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM						
		CL				Clay lense (<¼"), light gray (5Y 7/2), sandy		
40						Sand, pale yellow, fine to med. grained w/mica & glauconite		
		SM						
45						Pale yellow & reddish-yellow		
		CL				Clay lense (<¼"), light gray (5Y 7/2), sandy		
50		SC				Sand, pale yellow & reddish-yellow, fine to med. grained, clayey, w/mica & glauconite w/interbedded pale yellow, reddish-yellow & light gray (5Y 7/2) clay lenses		
55		CL ML				Clay/silt, greenish-gray (6/1 10BG) w/mica		
		CL				Clay, yellowish-brown (10YR 5/6) w/mica		
						BORING TERMINATED AT 58 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE Location #27

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/08/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.19 Ft. AMSL
DRILLER	J. Kalvig	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *About 50 ft. north of southeast corner of ALDOT Materials & Test Lab building

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		SC			0	Sand, red (2.5YR 4/6), fine grained, clayey		
					0			
					0			
					0	Clay, red (2.5 YR 4/6) & brownish-yellow (10YR 6/6), sandy, stiff		
5					0			
		CL			0			
					0			
					0			
10					0			
					0			
		SC			0	Sand, reddish-yellow (5YR 6/8), fine to coarse grained, clayey		
					0			
					0	Sand, reddish-yellow (5YR 6/8), fine to coarse grained, silty		
15					0			
		SM			0	Reddish-yellow & strong brown (7.5YR 5/8)		
					0			
					0			
20					0			
		CL			0	Clay (about 4" thick), black (2.5YR 4/6), sandy		
					0	Sand, reddish-yellow, fine to very coarse grained, w/approx. 10% fine to very coarse gravel		
					0			
25		SP SM				30% gravel		
						5% gravel		
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
						Sand, brownish-yellow, fine to med. grained, w/mica & glauconite		
30		SM						
		SC				w/4" of light gray (5Y 7/2) interbedded clay lenses		
						Sand, pale yellow (5Y 7/3), fine to med.		
35								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #27

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/08/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				grained, silty w/mica & glauconite		
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
40		SM				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
45		SC SM				Clayey & silty Sand, pale yellow, fine to med. grained w/mica & glauconite, interbedded w/very thin clay lenses		
50						Sand, pale yellow, fine to coarse grained w/mica & glauconite, interbedded w/very thin clay lenses Sand, pale yellow, fine to coarse grained, w/mica & glauconite		
55		SM				Pale yellow (5Y 7/3) & olive yellow (2.5Y 6/8)		
60		SC				Sand, olive yellow, strong brown (7.5YR 5/8), yellowish-red (5YR 5/8) & light gray (5Y 7/2), fine to coarse grained w/mica & glauconite Interbedded w/numerous clay lenses		
65		CL				Sand, light greenish-gray (Gley 1 7/1), fine to coarse grained, clayey w/mica & carbon deposits Clay, light greenish-gray, silty, w/mica		
						BORING TERMINATED AT 68 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #28

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/08/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	217.79 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *Chisholm St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, reddish-brown (5YR 4/4), red (2.5YR 4/6), brownish-yellow (10YR 6/8), slightly sandy		
					0			
					0			
5		CL			0			
					0			
					0	Clay, dark yellowish-brown (10YR 3/6), sandy		
					0			
					0			
					0			
10					0	Sand, dark yellowish-brown (10YR 4/6), fine grained, silty w/mica		
					0			
					0	Sand, yellowish-brown (10YR 5/6), very pale brown (10YR 8/4), fine grained, w/glauconite & mica		
					0			
15		SM			0	Sand, very pale brown (10YR 8/3) (10YR 8/4), olive yellow (2.5YR 6/6), fine to med. grained w/mica & glauconite		
					0			
					0			
					0			
					0			
20					0			
					0	Sand, very pale brown, olive yellow, fine to very coarse grained w/approx. 10% fine to very coarse gravel, w/mica & glauconite		
					0	Approx. 40% gravel		
		SP SM			0			
25					0	Sand, dark yellowish-brown, fine to very coarse grained w/approx. 30% fine to very coarse gravel		
						Sand, very pale brown, yellowish-brown, olive yellow, fine to med. grained w/mica & glauconite, silty		
30								
35								

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TTL Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #28

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST D. Carroll
DATE(S) DRILLED 01/08/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, very pale brown, fine to med. grained, w/mica & glauconite		
40						Silty, more glauconitic		
45								
50		SC SM				Sandy, yellowish-red (5YR 5/4), very pale brown, fine to coarse grained w/mica & glauconite, silty/clayey		
		CL				Clay lense (~½"), light gray (10YR 7/2)		
55		SC				Sand, yellowish-red, very pale brown, fine grained w/mica & glauconite, silty, clayey		
		CL				Clay, dark reddish-gray (10R 4/1), light gray (10YR 7/1)		
						BORING TERMINATED AT 56 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #29

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/15/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	219.85 Ft. AMSL
DRILLER	J. Kalvig	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Gardendale Dr.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		CL			0	Clay, red (2.5YR 4/6), sandy		
					0	Sand, red, fine to med. grained, clayey		
					0	silt, clayey, sandy		
5		SC			0			
					0			
					0			
					0			
					0			
10					0	Sand, yellowish-red (5YR 5/8), fine to coarse grained		
					0			
					0	Sand, pale yellow (2.5Y 8/3) & yellow (10YR 8/8), fine to med. grained		
15		SM			0			
					0			
					0			
					0	Sand, reddish-yellow (7.5YR 6/8), fine to coarse grained		
20					0			
					0			
					0	Sand, reddish-yellow (7.5YR 6/8), pale yellow (2.5Y 8/3) & yellow, fine to very coarse grained, w/approx. 30% fine to very coarse gravel		
					0			
25		SP SM			0	Gravel, yellow (10YR 7/6) & white (2.5Y 8/1), fine to very coarse grained w/approx. 50% fine to very coarse gravels, w/clay		
30								
		SM				Sand, brownish-yellow (10YR 6/8), fine grained, silty		
		CL				Sand, pale yellow (5Y 7/3) & strong brown (7.5YR 5/6), fine to med. grained, w/mica & glauconite		
		SM				Clay lense (~½"), light gray (5Y 7/2), sandy		
		CL				Sand, pale yellow, fine to med. grained w/mica & glauconite		
35		SM				Clay lense (~¼"), light gray (5Y 7/2), sandy		
		CL				Sand, pale yellow, fine to med. grained w/mica & glauconite		
						Clay lense (~¼"), light gray (5Y 7/2), sandy		
		SM						
40								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #29

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/15/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		CL				Clay (~2"), light gray (5Y 7/2), sandy		
						Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
45						Pale yellow (5Y 7/3) & yellow (10YR 7/8)		
						Yellow		
						Pale yellow & reddish-yellow (7.5YR 6/8)		
50		SM				Sand, pale yellow, yellow (10YR 7/8), reddish-yellow & black (10YR 2/1), fine to coarse grained, w/mica & glauconite		
55								
		SC				Interbedded w/clay lenses		
		CL				Clay (~1½"), light gray (5Y 7/2), sandy		
60		SC				Sand, reddish-yellow & pale yellow, fine grained, clayey w/mica		
		CL				Clay, light gray (5Y 7/2), sandy		
						BORING TERMINATED AT 62.5 FEET.		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #30

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/15/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	213.19 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 5410	**WATER ELEVATION**	

REMARKS *East Park Ave.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		CL			0	Clay, red (2.5YR 4/6), sandy		
					0			
					0			
					0			
5					0			
		SC			0	Sand, red, strong brown (7.5YR 5/8), fine to med. grained, clayey		
					0			
					0	Red, strong brown, dark yellowish-brown (10YR 4/6)		
10					0			
		SM			0	Sand, brownish-yellow (10YR 6/8), very pale brown (10YR 8/3), fine to very coarse grained		
					0	Sand, brownish-yellow, very pale brown, fine to very coarse grained w/approx. 30% fine to very coarse gravel w/traces of glauconite		
					0	Yellowish-brown (10YR 5/8)		
15		SP SM			0			
					0	Sand, yellowish-brown, light olive brown (2.5Y 5/6), fine to coarse grained w/approx. 30% fine to very coarse gravel w/traces of glauconite		
					0	Sand, pale yellow (2.5Y 7/6), light olive brown, fine to med. grained w/mica & glauconite		
20		SM			0			
					0			
					0			
		SP SM			0	Sand, pale yellow, brownish-yellow, fine to very coarse grained w/approx. 40% fine to very coarse gravel		
25						Sand, reddish-yellow (7.5YR 6/8), yellow (10YR 7/8), very pale brown (10YR 8/3), fine to med. grained, silty w/mica & glauconite		
		SM						
30								

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #30

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll

LOCATION Montgomery, AL* **DATE(S) DRILLED** 01/15/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SC				Silty, clayey		
		SM						
		CL				Clay lense (~¼"), light olive gray (5Y 6/2)		
		SC				Sand, reddish-yellow, yellow, very pale brown		
		CL				Clay lense (~¼"), light olive gray (5Y 6/2)		
		SC				Sand, reddish-yellow, yellow, very pale brown, fine to med. grained, silty, clayey w/mica & glauconite		
		SM						
35						Sand, reddish-yellow, yellow, very pale brown, fine to med. grained, silty, w/mica & glauconite		
						Sand, very pale brown (10YR 8/3) (10YR 8/4), fine to med. grained w/mica & glauconite		
		SM						
40								
						Sand, yellowish-brown, yellowish-red, very pale brown, fine to med. grained w/mica & glauconite		
		SC				Sand, yellowish-brown, yellowish-red, dark brown (7.5YR 3/4), fine to coarse grained, clayey		
		CL				Clay, dark grayish-brown (10YR 4/2), gray (10YR 6/1)		
						~~BORING TERMINATED AT 44.5 FEET.~~		

Coliseum Blvd. Plume

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #31

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/18/2002 - 01/22/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	214.08 Ft. AMSL
DRILLER	J.Kalvig/C.Sturgeon	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Chisholm St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, reddish-brown (5YR 4/4), red (7.5YR 4/6) & brownish-yellow (10YR 6/8), sandy		
					0			
					0			
					0			
5					0			
		CL			0	Red, brownish-yellow & light gray (5Y 7/2)		
					0			
					0			
					16			
10					0			
					0			
		SM			0	Sand, dark yellowish-brown (10YR 4/6), fine to med. grained, w/mica		
					0			
		CL			20.5	Clay, light gray & dark yellowish-brown, sandy		
15		SM			863	Sand, very pale brown (10YR 8/3), fine to med. grained, w/mica		
		CL			0	Clay, light gray & dark yellowish-brown, sandy		
					0	Sand, very pale brown & olive yellow (2.5Y 6/6), fine to med. grained w/mica		
					0			
		SM			0			
20					0			
						Sand, very pale brown & olive yellow, fine to very coarse grained, w/approx. 40% fine to very coarse gravel		
25		SP SW						
						Sand, very pale brown, yellowish-brown (10YR 6/8) & olive yellow, fine to med. grained w/mica & glauconite, silty		
30								
						Sand, very pale brown, yellowish-brown &		
35						Continued Next Page		

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TTL Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #31

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/18/2002 - 01/22/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						olive yellow, fine to med. grained w/mica & glauconite		
		SM				Silty		
40						Sand, very pale brown & yellowish-brown, fine to coarse grained w/mica & glauconite		
45								
50		CL				Clay, yellowish-brown & light gray, sandy		
						BORING TERMINATED AT 51 FEET.		

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #32

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/21/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.87 Ft. AMSL
DRILLER	J.Kalvig/C.Sturgeon	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *ALDOT Parking Lot (East of District Engineering Office)

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SP			0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Sand, strong brown (7.5YR 5/6), fine to coarse grained w/approx. 20% fine to coarse gravel		
					0	Clay, red (2.5YR 4/6), sandy w/approx. 20% fine to coarse gravel		
					0	Clay, yellowish-brown (10YR 5/6), sandy		
					0	Clay, red & yellowish-brown, sandy, stiff		
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0			
		SC			0	Sand, red & yellowish-brown, fine to med. grained, clayey w/mica		
					0			
		SM			0	Sand, yellowish-red (5YR 5/8), fine to med. grained w/mica		
15		CL			0	Clay, red & yellowish-brown, sandy w/mica		
					0	Sand, yellowish-red (5YR 5/8) & brownish-yellow (10YR 6/8), fine to med. grained w/mica		
		SM			0			
					0			
						Sand, pale yellow (2.5Y 8/2) & yellow (10YR 7/8), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
20						5% gravel		
						40% gravel; brownish-yellow (10YR 6/8)		
		SP SM						
25								
30								
		SM				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
35								

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TTL Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #32

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/21/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
		SM				Sand, pale yellow, fine to med. grained, silty w/mica & glauconite		
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
		SP				Sand, pale yellow, fine to very coarse grained w/approx. 30% fine to very coarse gravel, w/mica & glauconite, clayey		
		CL				Clay lense (~¼"), light gray (5Y 7/2), sandy		
40		SM				Sand, pale yellow & brownish-yellow (10YR 6/8), fine to med. grained, w/mica & glauconite		
						Silty		
45		CL				Clay lense (~½"), light gray (5Y 7/2), sandy		
		SM				Sand, pale yellow & brownish-yellow (10YR 6/8), fine to med. grained, silty w/mica & glauconite		
50								
55		CL				Clay lense (~1"), light gray (5Y 7/2), sandy		
		SM				Sand, pale yellow (5Y 7/3), fine to coarse grained w/mica & glauconite		
						Yellow (10YR 7/8)		
60						Sand, pale yellow (5Y 7/3), fine to med. grained w/mica & glauconite		
65		SC				Sand, strong brown (7.5YR 5/6), brownish-yellow (10YR 6/8), & light gray, fine grained w/mica & glauconite, clayey		
		CL				Clay, light gray & very dark gray (5Y 3/1), sandy		
						BORING TERMINATED AT 66 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #33

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/22/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	211.50 Ft. AMSL
DRILLER	C.Sturgeon	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *East Park St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
		SC			0	Sand, yellowish-red (5YR 5/8), fine to med. grained, clayey		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
		CL			2.9	Clay, red (2.5YR 5/8), sandy		
5		SC			0	Sand, reddish-yellow (7.5YR 6/8), fine to med. grained, clayey		
					0			
					2.1			
		SM			0	Sand, pale yellow (2.5Y 8/2), fine to coarse grained		
10					0			
					0			
					0	Sand, brownish-yellow (10YR 6/8), fine to very coarse grained w/approx. 40% fine to very coarse gravel		
					0			
					0	Yellowish-brown (10YR 5/8)		
15		SP SM			0			
					0			
					0	Yellow (10YR 7/8)		
					0			
20		SC				Sand, white (2.5Y 8/1), fine to very coarse grained w/approx. 50% fine to very coarse gravel, clayey		
						Sand, pale yellow (5Y 7/3), reddish-yellow (7.5YR 6/8) & yellow (10YR 7/8), fine to med. grained w/mica & glauconite		
25								
		SM				Silty		
30								
						Sand, pale yellow, reddish-yellow & yellow, fine to med. grained w/mica & glauconite		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #33

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/22/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Olive yellow (2.5Y 6/6)		
						Sand, olive yellow, fine to coarse grained w/mica & glauconite		
45		CL				Ferruginous Clay, light gray (5Y 7/2), sandy		
						BORING TERMINATED AT 46 FEET.		

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #34

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/23/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	204.54 Ft. AMSL
DRILLER	C.Sturgeon	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Keating Dr.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SC			0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Sand, red (2.5YR 5/8), fine to very coarse grained w/approx. 20% fine to coarse gravel, clayey		
					0	Clay, light gray (5Y 7/2), red (2.5YR 5/8) & brownish-yellow (10YR 6/8), sandy, stiff		
5		CL			0			
					0			
					0			
					0			
					0			
10					0			
					0			
		SC			0	Sand, light gray, fine to med. grained, clayey		
						Brownish-yellow		
		SM				Sand, brownish-yellow, fine to very coarse grained		
15								
						Sand, brownish-yellow & olive yellow (2.5Y 6/4), fine to very coarse grained w/approx. 40% fine to coarse gravel		
20								
						Sand, olive yellow (2.5Y 6/8), fine to very coarse gravel w/approx. 50% fine to coarse gravel		
		SP SM						
25								
						Sand, brownish-yellow (10YR 6/8), fine to very coarse grained w/fine to very coarse gravel		
30								
35								

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TTL Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #34

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/23/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SC				Sand, light gray & brownish-yellow, silty/clayey, w/mica & glauconite		
40		SM				Sand, light gray & brownish-yellow, fine grained, silty w/mica & glauconite		
45		SC				Sand, light gray & brownish-yellow, fine to coarse grained, clayey		
50		CL ML				Clay, greenish-gray (Gley 1 6/1-56Y), silty		
						BORING TERMINATED AT 50.5 FEET.		

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #35

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	01/25/2002
DRILLER	C.Sturgeon	**GROUND ELEVATION**	211.03 Ft. AMSL
DRILLING METHOD	Geoprobe 66DT	**DEPTH TO WATER**	N/A
		WATER ELEVATION	
REMARKS	*Chelsea St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
					0	Clay, red (2.5YR 4/6), sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
					0			
5		CL			0			
					0	Red, strong brown (7.5YR 5/8) & light gray (5Y 7/2), stiff		
					0			
					0			
					0			
					0	Sand, red, strong brown & light gray, fine to coarse grained w/approx. 20% fine to very coarse gravel, clayey		
10		SC			0			
					0	Sand, strong brown, fine to med. grained		
					0			
					0			
					0			
15		SM			0			
					0			
					0			
					0	Sand, strong brown, fine to very coarse grained w/approx. 30% fine to coarse gravel		
20		SP SM						
						Sand, pale yellow (5Y 8/3), fine to very coarse grained w/approx. 50% fine to coarse gravel		
25								
		CL				Clay lense, ~4" thick, light gray (5Y 7/2), w/gravel		
		SP SM				Sand, pale yellow (5Y 8/3), fine to very coarse grained w/approx 50% fine to coarse gravel		
		CL				Clay lense, ~2" thick, light gray (5Y 7/2), sandy		
30		SP SM				Sand, pale yellow, fine to very coarse grained w/approx. 50% fine to coarse gravel		
		SM				Sand, reddish-yellow (7.5YR 6/8), fine to med. grained, silty		
35								

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COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #35

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/25/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM						
						Sand, pale yellow, fine to med. grained w/mica & glauconite		
45		SP						
		CL				Sand, pale yellow, fine to coarse grained w/approx. 20% fine to coarse gravel w/mica & glauconite		
		SC				Clay, brownish-yellow, sandy, w/mica		
50						Sand, pale yellow, fine to med. grained, clayey, w/mica & glauconite		
						BORING TERMINATED AT 50 FEET.		

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Technology and Tradition

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #36

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	01/24/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	213.65 Ft. AMSL
DRILLER	C.Sturgeon	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	
REMARKS	*Gardendale St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
		CL			0	Clay, red (2.5YR 5/8), strong brown (7.5YR 5/8) & light gray (5Y 7/2), sandy, stiff		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
5					0			
					0			
					0			
					0			
					0			
					0			
		SC			0	Sand, reddish-yellow (7.5YR 6/8), fine to med. grained, clayey w/mica		
10					0			
					0			
					0	Sand, yellow (10YR 7/8) & pale yellow (2.5Y 8/3), fine to med. grained w/mica		
		SM			0			
15					0			
					0			
					0			
					0			
					0	Sand, light yellowish-brown (2.5Y 6/4), fine to very coarse grained, w/approx. 40% fine to coarse gravel		
20					0			
						Approx. 5% gravel		
		SP SM						
25								
						Sand, pale yellow (5Y 7/3) & reddish-yellow, fine to med. grained w/mica & glauconite		
30		SM						
35								

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MAYNARD, COOPER & GALE
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LOG OF PROBEHOLE
Location #36

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 01/24/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Sand, olive yellow (2.5Y 6/6), fine to coarse grained w/mica & glauconite		
						Silty		
						Sand, pale yellow (5Y 7/3), fine to med. grained w/mica & glauconite		
45								
50						Yellowish-red (5YR 4/6)		
		SC				Sand, pale yellow, fine grained, silty/clayey w/mica		
		SM				Sand, reddish-yellow, fine to med. grained, w/mica		
55								
		CL ML				Clay, greenish-gray (Gley 1 5/1-5G), silty		
60								
						BORING TERMINATED AT 62 FEET.		

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #37

PROJECT NUMBER	0700-024		
LOCATION	Montgomery, AL*	**GEOLOGIST**	C. Krafcheck
DRILLING COMPANY	Plains Env. Services	**DATE(S) DRILLED**	02/22/2002
DRILLER	D. Mick	**GROUND ELEVATION**	214.44 Ft. AMSL
DRILLING METHOD	Geoprobe 66DT	**DEPTH TO WATER**	N/A
		WATER ELEVATION	
REMARKS	*East Park Ave.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		SC			0	Asphalt (4")		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Sand, red (2.5YR 4/8), fine to loose grained, clayey		
					0	Clay, red & yellowish-red (5YR 4/6), sandy		
5		CL			0	Red, yellowish-red & light yellowish-brown (10YR 6/4)		
					0			
					0			
					0			
					0	Sand, red, yellow & light yellowish-brown, fine to coarse grained, clayey		
10		SC			0	Red, dark yellowish-brown (10YR 4/6), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
					0	Yellowish-brown (10YR 5/6)		
					0			
					0			
15		CL			0	Clay, yellowish-brown & light gray (10YR 7/2), slightly sandy, micaceous		
					0			
					0			
					0	Sand, light yellowish-brown (10YR 6/4) & very pale brown (10YR 7/4), fine grained, silty, traces of glauconite & mica		
20		SM						
25		SP SM				Sand, light yellowish-brown & very pale brown, fine to very coarse grained w/approx. 20% fine to very coarse gravel		
						Approx. 40% gravel		
30		SM				Sand, very pale brown (10YR 8/2) (10YR 8/3) & brownish-yellow (10YR 6/8), fine grained w/mica & glauconite		
		CL				Clay, light gray (10YR 7/2), ½" thick		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #37

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 02/22/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Sand, very pale brown, fine grained, w/mica & glauconite		
40		SC SM				Sand, very pale brown, fine to coarse grained w/less than 5% fine gravel, very glauconite, micaceous, clayey		
						Brownish-yellow		
						Ferruginous		
		CL				Clay, gray (10YR 6/1)		
						BORING TERMINATED AT 43 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #38

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	02/26/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	215.15 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *East of Fairground Rd. between East Park Ave. & Gardendale Dr.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0		CL			0	Clay, yellowish-red (5YR 5/8) (5YR 4/6), sandy w/organics		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, yellowish-red, sandy		
					0			
					0			
					0			
5					0	Yellowish-red, pinkish-gray (5YR 7/2)		
					0			
					0			
					0			
					0			
					0			
10					0			
					0			
					0			
					0			
					0			
					0			
					0			
15					0	Sand, brownish-yellow (10YR 6/8), yellowish-brown (10YR 5/8) & very pale brown (10YR 8/3), fine grained w/traces of mica & glauconite		
		SM			0	Very pale brown (10YR 8/3) (10YR 8/4), fine to med. grained, traces of mica & glauconite		
					0			
20					0	Less than 5% fine to coarse gravel		
						Sand, brownish-yellow, fine to very coarse grained w/approx. 30% fine to very coarse gravel & traces of glauconite		
						Sand, very pale brown, fine grained w/mica & glauconite		
25		SP SM				Very pale brown, fine to coarse grained w/less than 5% fine to coarse gravel, w/glauconite		
						Sand, dark yellowish-brown (10YR 3/6), fine to very coarse grained w/approx. 30% fine to very coarse gravel		
						Sand, very pale brown, fine grained w/mica & glauconite		
30						Very pale brown, brownish-yellow (10YR 6/8)		
						Fine to coarse grained		
35						Continued Next Page		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #38

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 02/26/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Yellowish-brown (10YR 5/6) & dark yellowish-brown (10YR 4/6), fine to coarse grained w/mica & glauconite		
		CL				Clay, light yellowish-brown (10YR 6/4) & brownish-yellow		
						BORING TERMINATED AT 44 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #39

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	02/22/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	205.46 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *ALFA Property/Eastern Meadows Subdivision

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Clay, olive brown (2.5Y 4/3), w/organics		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, olive brown, olive (5Y 5/4) & light gray (10YR 7/2)		
					0			
					0			
		CL			0			
5					0			
					0			
					0			
					0			
					0			
10		SC			0	Sand, olive, light gray, fine grained, clayey		
					0			
		SM			0	Sand, olive brown, light gray, fine to med. grained		
					0	Light brownish-gray (2.5Y 6/2) & light olive brown (2.5Y 5/6), fine to med. grained		
15		SP SM				Sand, yellowish-brown (10YR 5/6), fine to coarse grained, w/less than 5% fine to coarse gravel		
						Approx. 30% fine to very coarse gravel		
						Sand, brownish-yellow (10YR 6/8) & very pale brown (10YR 8/3) (10YR 8/4), fine grained w/mica & glauconite		
20		SM						
25						Brownish-yellow, very pale brown, fine to med. grained w/mica & glauconite		
30		SC				Sand, brownish-yellow, very pale brown, fine to med. grained, clayey w/mica & glauconite		
		CL				Clay, brownish-yellow (10YR 6/8)		
						BORING TERMINATED AT 32 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #40

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/11/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	222.94 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	
REMARKS	*Chisholm St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
		CL			0	Clay, yellowish-red (5YR 4/6) and red (2.5YR 4/6), sandy		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
5					0			
		SC			0	Sand, red (2.5YR 4/8), fine to med. grained, clayey		
10					0	Sand, reddish-yellow (7.5YR 6/8), fine to med. grained, w/mica		
15		SM			0			
20					0	Sand, brownish-yellow (10YR 6/8) and yellowish-brown (10YR 5/8), fine to coarse grained, w/mica		
25		SP SM			0	Sand, brownish-yellow, yellowish-brown, and white (10YR8/1), fine to very coarse grained w/approx. 5% fine to coarse gravel		
30		SC SM CL			0	Sand, pale yellow (5Y 8/3), fine to very coarse grained w/approx. 5% fine to very coarse gravels, downward coarsing of gravel w/mica & glauconite		
35						Sand, pale yellow (5Y 7/3) and brownish-yellow (10YR 6/8), fine to med. grained w/intermittant clay nodules, w/mica & glauconite		

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Coliseum Blvd. Plume
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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #40

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 03/11/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SC SM				Clay, light gray (5Y 7/3), sandy Sand, pale yellow (5Y 7/3), brownish-yellow (10YR 6/8), and light gray (5Y 7/2) fine to med. grained, w/occ. very thin clay lenses w/mica & glauconite		
40		CL						
		SM				Clay lens (¼"), light gray (5Y 7/2), sandy Sand, pale yellow and brownish-yellow, fine to med. grained, w/mica & glauconite		
		CL				Clay lens (¼"), light gray (5Y 7/2), sandy Sand, pale yellow and brownish-yellow, fine to med. grained, w/mica & glauconite		
45								
		SM						
50						Brownish-yellow		
55		SC				Sand, brownish-yellow, fine to med. grained, clayey		
		CL				Clay, light gray, sandy, ferruginous		
						BORING TERMINATED AT 56 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #41

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/12/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.67 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	
REMARKS	*Broadway St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, gray (7.5YR 6/1), sandy		
					0			
					0			
					0	Reddish-yellow (7.5YR 6/8), gray (7.5YR 6/1) and red (2.5YR 4/8), sandy, stiff		
5		CL			0			
					0			
					0			
					0			
					0			
					0			
10		SC			0	Sand, brownish-yellow (10YR 6/8), fine to coarse grained, clayey		
		SM			0	Sand, yellow (10YR 7/8) and strong brown (7.5YR 5/6), fine to very coarse grained		
					0			
15		SP SM			0	Sand, strong brown (7.5YR 5/6) and yellow (2.5Y 7/6), fine to very coarse grained w/approx. 40% fine to very coarse gravel		
					0			
					0			
					0			
					0			
20					0	Sand, strong brown, fine to very coarse grained w/approx. 50% fine to coarse gravels		
		SM				Sand, pale yellow (5Y 7/3), brownish-yellow (10YR 6/8) and reddish-yellow, fine to med. grained w/mica & glauconite		
25								
		SC SM				Sand, pale yellow, brownish-yellow, reddish-yellow and light gray (5Y 7/2), fine to med. grained, interbedded w/very thin to ½" clay lenses, w/mica & glauconite		
		CL				Clay, light gray, sandy (3")		
30		SM				Sand, pale yellow, brownish-yellow and reddish-yellow, fine grained, silty w/mica & glauconite		
		SC				Sand, pale yellow, brownish-yellow, reddish-yellow, dark yellowish-brown (10YR 4/4) and light gray, fine grained, silty w/very		
35						Continued Next Page		

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #41

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 03/12/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				thin to ¼" clay lenses w/mica & glauconite		
		CL				Clay, gray (5Y 6/1)		
		SC				Sand, reddish-yellow, fine grained, silty, w/light gray clay lenses, w/mica & glauconite		
						Sand, pale yellow and brownish-yellow, fine to med. grained, w/mica & glauconite		
40								
						Pale yellow		
45		SM						
						Pale yellow and brownish-yellow, fine to coarse grained, w/mica & glauconite		
50								
						Brownish-yellow		
						Strong brown (7.5YR 4/6)		
55		CL				Clay, light gray, sandy (2")		
		SM				Sand, strong brown and olive yellow (2.5Y 5/4), fine to coarse grained, w/mica & glauconite		
		SC				Sand, grayish-green (Gley 1 5/2), greenish-gray (Gley 1 5/1) and dark greenish-gray (Gley 1 4/1 5GY), fine to coarse grained, clayey, mica is prominent		
		CL ML				Clay, dark greenish-gray (Gley 1 4/1 5GY), silty		
						BORING TERMINATED AT 59.7 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #42

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/18/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	215.82 Ft. AMSL
DRILLER	B. Couch	**DEPTH TO WATER**	21.50 Ft. BMP
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	194.32 Ft. AMSL

REMARKS *Houser St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, yellowish-brown (10YR 5/4), sandy		
					0	Clay, brownish-yellow (10YR 6/8), red (2.5YR 4/8) & light gray (5Y 7/1), sandy & stiff		
5		CL			0			
					0			
					0			
					0			
					0			
					0			
10					0			
					0			
		SC			0	Sand, brownish-yellow, fine to very coarse grained w/approx. 10% fine to coarse gravel, clayey		
		SP SM			0	Sand, brownish-yellow, reddish-yellow (7.5YR 6/8) & strong brown (7.5YR 5/8), fine to very coarse grained w/approx. 10% fine to coarse gravel		
15					0			
		SM			0	Sand, strong brown & reddish-yellow, fine to coarse grained		
					0			
					0	Sand, red (2.5YR 4/8), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
					0	Brownish-yellow (10YR 6/8), ~5% gravel		
20					0		▽ 03/18/2002	
		SP SM				Sand, brownish-yellow, fine to very coarse grained w/approx. 50% fine to coarse gravel		
25								
		SC				Sand, yellowish-brown (10YR 5/8), fine to very coarse grained w//approx. 50% fine to coarse gravel, clayey		
		SM				Sand, yellowish-brown (10YR 5/8), fine to very coarse gravel w/approx. 30% fine to coarse gravel		
30		CL				Sand, pale yellow (5Y 7/3), yellow (10YR 7/8), fine to med. grained w/mica & glauconite		
						Clay, 2" lens, light gray (5Y 7/2), sandy		
						Sand, reddish-yellow (5YR 6/8), pale yellow & yellow (10YR 7/8), fine to med. grained w/mica & glauconite		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #42

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 03/18/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Sand, pale yellow, fine grained, silty w/mica & glauconite Fine to med. grained		
45								
50		SC				Sand, pale yellow (5Y 7/3), fine to coarse grained w/mica & glauconite Sand, pale yellow (5Y 7/3), fine to coarse grained w/mica & glauconite w/occ. clay nodules Sand, pale yellow, fine to coarse grained w/mica & glauconite		
55		SM						
60		CL SM CL				Clay lens, ¼", light gray, sandy Sand, pale yellow, fine to coarse grained w/mica & glauconite Pale yellow & brownish-yellow (10YR 6/6)		
65		SM				Clay lens, ¼", light gray, sandy Sand, pale yellow (5Y 7/3) & brownish-yellow (10YR 6/6), fine to coarse grained w/mica & glauconite Brownish-yellow (10YR 6/8)		
		SC CL				Sand, brownish-yellow (10YR 6/8), brown (10YR 4/3), yellowish-brown (10YR 5/6), fine to coarse grained w/numerous light gray (5Y 7/2) clay lenses, thicken w/depth Clay, light gray, sandy		

BORING TERMINATED AT 68 FEET.

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #43

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/14/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	221.79 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	
REMARKS	*Chisholm St.		

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		
					0	Sand, red (2.5YR 4/6), fine to coarse grained, clayey		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0			
					0			
					0			
5					0			
					0			
		SC			0			
					0			
					0	Yellowish-red (5YR 5/8)		
10					0			
					0			
					0			
					0			
					0			
15					0	Sand, strong brown (7.5YR 5/8), fine to med. grained, w/mica		
		SM			0			
					0			
					0	Sand, strong brown (7.5YR 5/8), fine to coarse grained w/approx. 5% fine to coarse gravel, w/mica		
					0			
20					0			
					0			
		SP SM			0			
					0	Sand, strong brown (7.5YR 5/8) & reddish-yellow (7.5YR 6/8), fine to very coarse grained w/approx. 50% fine to very coarse sand		
					0			
25					0			
					0			
					0			
					0	Sand, pale yellow (5Y 7/3), fine to coarse grained w/mica & glauconite		
		SM			0			
30								
		SP SC				Sand, pale yellow, fine to coarse grained w/approx. 20% fine to coarse gravel, clayey w/mica & glauconite		
						Sand, pale yellow, fine to med. grained,		
35								

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Coliseum Blvd. Plume
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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #43

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 03/14/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
						w/mica & glauconite		
40		SM				Pale yellow & brownish-yellow (10YR 6/8), fine grained, silty w/mica & glauconite		
45						Brownish-yellow, fine to med. grained w/mica & glauconite		
50						Note: 50-56 ft. not recovered due to difficulty in retrieving 48-50 ft. interval. Retrieved 56- to 58-foot interval.		
55		CL				Clay, dark gray (5Y 4/7), sandy		
						BORING TERMINATED AT 58 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #44

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/21/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	216.66 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Broadway St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Clay, red (7.5YR 4/6), stiff		
					0			
					0	Gray (7.5YR 6/1) & reddish-yellow (7.5YR 6/8)		
					0			
5		CL			0			
					0			
					0			
					0			
					0			
					0	Sand, reddish-yellow & gray, fine to very coarse grained w/approx. 10% fine to coarse gravel		
10					0			
					0			
					0			
					0			
					0			
		SP SM			0			
15					0	Sand, very pale brown (10YR 7/4), fine to very coarse grained w/appprox. 40% fine to very coarse gravel		
					0			
					0			
					0			
					0			
20					0	Sand, pale yellow (5Y 7/3), yellow (10YR 7/8) & reddish-yellow (7.5YR 6/8), w/mica & glauconite		
		SM						
25								
		CL				Clay, light gray (5Y 7/2), sandy, 4"		
						Sand, pale yellow (5Y 7/3), yellow (10YR 7/8) & reddish-yellow, w/mica & glauconite		
30								
						Silty		
35								

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Coliseum Blvd. Plume
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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE Location #44

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 03/21/2002

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SM				Strong brown (5YR 5/8) & pale yellow		
40						Yellow (2.5Y 7/8), fine to med. grained w/mica & glauconite		
						Strong brown		
45		SC				Sand, strong brown (7.5YR 4/6) & light gray (5Y 7/2), fine grained, clayey w/mica		
		CL				Clay, light gray, sandy		
						BORING TERMINATED AT 49 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #45

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	03/26/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	216.83 Ft. AMSL
DRILLER	D. Mick	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Houser St.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
		SC			0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
					0	Sand, olive brown (2.5Y 4/4), fine to very coarse grained w/approx. 20% fine to very coarse gravel, w/clay		
					0	Clay, gray (5Y 7/1), sandy		
					0			
					0			
5		CL			0			
					0			
					0			
					0			
					0			
10		SC			0	Sand, dark yellowish-brown (10YR 4/6), fine to very coarse, clayey		
					0	Sand, very pale brown (10YR 8/2) & light yellowish-brown (10YR 6/6)		
		SP SM			0	Sand, white (10YR 8/1), fine to very coarse grained, w/approx. 40% fine to very coarse gravel		
					0			
15		SM			0	Sand, brownish-yellow (10YR 6/8), fine to coarse grained		
					0			
					0	Pale yellow (5Y 7/4)		
					0			
20		SP SM			0	Sand, pale yellow & brownish-yellow, fine to very coarse grained, w/approx. 20% fine to coarse gravel		
					0			
25						Sand, brownish-yellow, fine to very coarse grained, w/approx. 40% fine to coarse gravel		
						Sand, pale yellow, brownish-yellow & reddish-yellow (7.5YR 6/8), w/mica & glauconite		
30		SM				Silty		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #45

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 03/26/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		CL				Clay, light gray (5Y 7/2), sandy		
		SC				Sand, pale yellow, brownish-yellow & light gray, fine to med. grained w/mica & glauconite, clayey		
						Sand, pale yellow, fine to coarse grained, w/mica & glauconite		
45		SM				Pale yellow & brownish-yellow		
						BORING TERMINATED AT 48 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #46

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	04/02/2002
DRILLING COMPANY	Plains Env. Services	**GROUND ELEVATION**	216.44 Ft. AMSL
DRILLER	B. Couch	**DEPTH TO WATER**	N/A
DRILLING METHOD	Geoprobe 66DT	**WATER ELEVATION**	

REMARKS *Flintstone Ct. & Powell Ln.

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
0					0	Asphalt		Probehole was pressure grouted to land surface with a Pure Gold bentonite grout.
		SC			0	Sand, red (2.5YR 4/6) & brownish-yellow (10YR 6/8), fine grained, clayey w/mica		
5					0			
					0			
					0			
					0			
					0			
					0			
		SM			0	Sand, red (2.5YR 4/6) & brownish-yellow (10YR 6/8), fine to med. grained w/mica		
10					0			
					0			
					0			
					0			
					0			
15					0	Sand, reddish-yellow (7.5YR 6/8), fine to coarse grained, w/mica		
		SP SM			0	Sand, brownish-yellow (10YR 6/8) & pale yellow (5Y 7/4), fine to very coarse grained w/approx. 10% fine to coarse gravel		
					0			
					0			
20					0			
					0			
					0			
					0			
					0	Sand, brownish-yellow, fine to very coarse grained w/approx. 40% fine to coarse gravel		
25		GP				Gravels, brownish-yellow, approx. 75% fine to very coarse gravel, poorly sorted w/interbedded clay nodules		
30						Sand, pale yellow (5Y 7/3), brownish-yellow & reddish-yellow, w/mica & glauconite		
						Silty		
35								

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE
Location #46

PROJECT NUMBER 0700-024
LOCATION Montgomery, AL*
GEOLOGIST C. Krafcheck
DATE(S) DRILLED 04/02/2002

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DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	REMARKS
40		SM				Sand, pale yellow, brownish-yellow & reddish-yellow, fine grained w/mica & glauconite w/occ. thin clay lenses		
45						Silty		
50						Sand, pale yellow, very pale brown (10YR 8/8), fine grained w/mica & glauconite		
						Due to difficulty retrieving 50- to 52-foot interval, the next interval retrieved was clay at 67.5 feet.		
55								
60								
65		CL				Clay, light gray (5Y 7/2), sandy		
						BORING TERMINATED AT 67.5 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE 2 & CONSTRUCTION DIAGRAM OF CMT WELL #1

PROJECT NUMBER	0700-024	**GEOLOGIST**	D. Carroll
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	11/04/2001; 2/13/02**
DRILLING COMPANY	Plains Env. Services	**CASING DIA./TYPE**	1"/PVC
DRILLER	D. Mick	**SCREEN SLOT/TYPE**	3.5" 100 Wire Mesh
DRILLING METHOD	Geoprobe 5410	**FILTER PACK TYPE**	Graded Sand
		TOP OF CASING	219.50 Ft. AMSL
REMARKS	*Gardendale Dr. **Drilled boring for CMT well using Versa Sonic. Note: Log of CMT well #1 taken from log of adjacent probehole at location #2.	**GROUND ELEVATION**	219.70 Ft. AMSL
		DEPTH TO WATER	24.15 Ft. BMP
		WATER ELEVATION	195.35 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
								Well Cover
					0	Asphalt (4 inches)		
					0.7	Clay/sand/gravel fill		
					2.5	Clay, red (2.5YR 4/6), sandy		
5		CL			0	Red (2.5YR 4/6) & strong brown (7.5YR 5/6), sandy		
					2.1			
					3.4			
					2.4			
					3			
10					3.6			
					2.5			
					3.1			
					4.1	Sand, reddish-yellow (5YR 5/8), fine to med. grained		Grout
					3.8			
15					3.8			
					3.7			
					4			
		SM			3.8	Very pale brown (10YR 8/4) & brownish-yellow (10YR 6/8), fine to med. grained w/mica		
					3.7			
20					2.7			
					3.3			
					3.7	Very pale brown, reddish-yellow & pink (5YR 8/4), fine to very coarse grained w/approx. 5-10% fine to coarse gravel w/mica & glauconite		
						Sand, very pale brown (10YR 8/4) & pink, fine to very coarse grained w/approx. 40% fine to coarse gravel	2/21/02	
25		SP SW						
						Brownish-yellow (10YR 6/6), fine to very coarse grained w/less than 5% fine to coarse gravel		Bentonite
30		CL				Clay (approx. 4" thick), light yellowish-brown & dark yellowish-brown, very sandy		Sample port #5
						Sand, pale yellow (5Y 8/2), fine grained w/mica		Bentonite
								Sample port #4
						Pale yellow (5Y 8/2) & olive yellow (5Y 6/8),		Bentonite

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Coliseum Blvd. Plume
F:\SECRETARY\2000\0700\024\PH34 52.GPJ 3/13/02 Report:TTL WELL LOG Template:TTLENV.GDT

MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE 2 & CONSTRUCTION DIAGRAM OF CMT WELL #1

PROJECT NUMBER 0700-024 **GEOLOGIST** D. Carroll
LOCATION Montgomery, AL* **DATE(S) DRILLED** 11/04/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE: INTERVAL (feet)	SAMPLE: % RECOVERY	SAMPLE: PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
						w/mica & glauconite		Sample port #3
								Bentonite
								Sample port #2
40		SM						Bentonite
								Sample port #1
45								Bentonite
						More abundant glauconite & mica		Sample port #6
50								Bentonite
						Strong brown (7.5YR 5/8), fine to coarse grained w/mica & glauconite		Guide point w/Sample port #7
		CL				Clay, strong brown & light gray (10YR 7/2)		Filter pack
						BORING TERMINATED AT 54 FEET.		

Coliseum Blvd. Plume

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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE 9 & CONSTRUCTION DIAGRAM OF CMT WELL #2

PROJECT NUMBER	0700-024	**GEOLOGIST**	C. Krafcheck
LOCATION	Montgomery, AL*	**DATE(S) DRILLED**	12/12/2001; 2/14/02**
DRILLING COMPANY	Plains Env. Services	**CASING DIA./TYPE**	1"/PVC
DRILLER	D. Mick	**SCREEN SLOT/TYPE**	3.5" 100 Wire Mesh
DRILLING METHOD	Geoprobe 5410	**FILTER PACK TYPE**	Graded Sand
		TOP OF CASING	221.85 Ft. AMSL
REMARKS	*Broadway St. **Drilled boring for CMT well using Versa Sonic. Note: Log of CMT well #2 taken from log of adjacent probehole at location #9.	**GROUND ELEVATION**	222.18 Ft. AMSL
		DEPTH TO WATER	26.69 Ft. BMP
		WATER ELEVATION	195.16 Ft. AMSL

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
					0	Asphalt		Well Cover
		CL			0	Clay, red (2.5YR 4/6), sandy		
		SP SM			0	Sand, yellow (10YR 7/8), fine to very coarse grained w/approx. 20% fine to very coarse gravel		
5		CL			0	Clay, red, sandy		
10		SC			0	Sand, red (2.5YR 4/8) & yellowish-red (5YR 4/6), fine to med. grained, clayey		
		SM			0	Sand, strong brown (7.5YR 5/8) & reddish-yellow (7.5YR 6/8), fine to med. grained		Grout
15					0			
					0	Sand, brown (7.5YR 4/4), fine to very coarse w/approx. 10% fine to coarse gravel		
					0	Sand, red (2.5YR 4/6) & reddish-yellow (7.5YR 6/8), fine to coarse grained w/approx. 5% fine to coarse gravel		
20					0			
					0	Sand, brownish-yellow (10YR 6/6), yellowish-red (5YR 4/6), light gray (5Y 7/2) & strong brown (7.5YR 5/8), fine to very coarse w/approx. 10% fine to very coarse gravel		
25		SP SM			0			
						Saturated		
						Sand, brownish-yellow (10YR 6/8), fine to very coarse w/approx. 5% fine to coarse gravel	2/21/02	
30								Bentonite

Continued Next Page

Coliseum Blvd. Plume
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MAYNARD, COOPER & GALE
COLISEUM BLVD. PLUME

LOG OF PROBEHOLE 9 & CONSTRUCTION DIAGRAM OF CMT WELL #2

PROJECT NUMBER 0700-024 **GEOLOGIST** C. Krafcheck
LOCATION Montgomery, AL* **DATE(S) DRILLED** 12/12/2001

Continued from Previous Page

DEPTH (feet)	GRAPHIC LOG	U.S.C.S.	SAMPLE INTERVAL (feet)	SAMPLE % RECOVERY	SAMPLE PID (ppm)	LITHOLOGIC DESCRIPTION	WATER LEVEL & DATE	WELL DIAGRAM
35		SM				Sand, pale yellow (5Y 7/3) & brownish-yellow (10YR 6/8), fine to med. grained w/mica & glauconite		Sample port #1
		SC				Sand, pale yellow, brownish-yellow & light gray (5Y 7/2), fine to med. grained, clayey w/mica & glauconite		Bentonite
		CL				Clay lense, light gray (5Y 7/2), ½" thick, sandy		
		SC				Sand, pale yellow, brownish-yellow, light gray & yellowish-red (5YR 5/8), fine to med. grained, clayey w/mica & glauconite		Bentonite
		CL				Clay lense, light gray, ¼" thick, sandy		
		SC				Sand, pale yellow, brownish-yellow, light gray & yellowish-red, fine to med. grained, clayey w/mica & glauconite		Sample port #2
40		SM				Sand, pale yellow, fine to med. grained w/mica & glauconite		Bentonite
						Sand, pale yellow, fine to med. grained, silty, w/mica & glauconite		
						Sand, pale yellow, fine to med. grained, clayey w/mica & glauconite		Sample port #3
45								Bentonite
						Pale yellow, reddish-brown (2.5YR 4/4) & brownish-yellow (10YR 6/8), clayey		Sample port #4
								Bentonite
50		SC						Sample port #5
								Bentonite
55								Sample port #6
								Bentonite
		SM				Sand, light yellowish-brown (2.5Y 6/3), olive (5Y 5/3) & yellowish-brown (10YR 5/4), fine to med. grained, silty w/mica & glauconite		Guide point w/Sample port #7
60						Sand, brownish-yellow (10YR 6/8), fine to coarse grained w/mica & glauconite		Filter pack
		SC				Sand, pale yellow (5Y 7/3), fine to med. grained, silty w/mica & glauconite		
						Sand, brown (10YR 4/3), fine to med. grained, clayey		
		CL				Clay, yellowish-brown, sandy, 1" thick		
						Clay, very dark gray (5Y 3/1) & light gray (2.5Y 7/1), sandy		
						BORING TERMINATED AT 63 FEET.		

Coliseum Blvd. Plume

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APPENDIX C

FIELD ANALYSES

P·E·S

Environmental Consulting & Mobile Laboratory Services

Laboratory Report

Plains Environmental Services
P.O. Box 6288 • Salina, KS 67401-0288 • (785) 827-4545
Fax (785) 827-4582 • www.plainsenv.com

Client: TTL, Inc.
4154 Lomac Street
Montgomery, AL 36106

Date Reported: 2/22/02

Project Location: Montgomery, AL
Project: Coliseum Boulevard Plume
ALDOT

Attn: Sheryl Reeves

Sample ID	Date	Depth (feet)	TCE	1,1-DCE R.L.=	1,1-DCA 1 ug/L	c-DCE	TCA	BEN	TOL	EBZ	XYL
LOC 1 24-28	12/3/01	24-28	23	ND	ND	ND	ND	ND	ND	ND	ND
LOC 1 46-50	12/3/01	46-50	170	ND	ND	ND	ND	ND	ND	ND	ND
LOC 2 24-27	12/4/01	24-27	70	ND	ND	ND	ND	ND	ND	ND	ND
LOC 2 29-31	12/4/01	29-31	400	100 J	ND	ND	ND	ND	ND	ND	ND
LOC 2 51-54	12/4/01	51-54	10000 J	1700 J	ND	ND	ND	ND	ND	ND	ND
LOC 2 51-54 DUP	12/5/01	51-54	10000 J	1500 J	ND	ND	ND	ND	ND	ND	ND
LOC 2R 24-27	1/16/02	24-27	480	44	ND	ND	ND	ND	ND	ND	ND
LOC 2R 27-29	1/16/02	27-29	720	59	ND	ND	ND	ND	ND	ND	ND
LOC 2R 29-31	1/16/02	29-31	540	20	ND	ND	ND	ND	ND	ND	ND
LOC 2R 31-34	1/16/02	31-34	1400	49	ND	ND	ND	ND	ND	ND	ND
LOC 2R 34-38	1/16/02	34-38	5200	ND	ND	ND	ND	ND	ND	ND	ND
LOC 2R 34-38 DUP	1/16/02	34-38	4200	ND	ND	ND	ND	ND	ND	ND	ND
LOC 2R 38-42	1/16/02	38-42	20000 J	590	ND	ND	ND	ND	ND	ND	ND
LOC 2R 42-46	1/16/02	42-46	20000 J	2000 J	ND	ND	ND	ND	ND	ND	ND
LOC 2R 46-50	1/16/02	46-50	20000 J	3000 J	ND	ND	ND	ND	ND	ND	ND
LOC 2R 50-54	1/16/02	50-54	20000 J	3000 J	ND	ND	ND	ND	ND	ND	ND
LOC 3 24-28	12/5/01	24-28	380	9	ND	ND	ND	ND	ND	ND	ND
LOC 3 44.5-48.5	12/5/01	44.5-48.5	460	300 J	ND	ND	ND	ND	ND	ND	ND
LOC 4 18-21	12/7/01	18-21	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 4 25-28	12/7/01	25-28	240	7	ND	ND	ND	ND	ND	ND	ND
LOC 4 39-43	12/7/01	39-43	1100	500 J	ND	ND	ND	ND	ND	ND	ND
LOC 4 39-43 DUP	12/7/01	39-43	1500	500 J	ND	ND	ND	ND	ND	ND	ND
LOC 5 21-24	12/10/01	21-24	7	ND	ND	ND	ND	ND	ND	ND	ND
LOC 5 26-28	12/10/01	26-28	130	46	ND	ND	ND	ND	ND	ND	ND
LOC 5 38-42	12/10/01	38-42	430	500 J	ND	ND	ND	ND	ND	ND	ND
LOC 6 28-32	12/10/01	28-32	690	54	ND	ND	ND	ND	ND	ND	ND
LOC 6 36.5-38.5	12/10/01	36.5-38.5	10000 J	300 J	ND	ND	ND	ND	ND	ND	ND
LOC 6 52-56	12/10/01	52-56	10000 J	500 J	ND	ND	ND	ND	ND	ND	ND
LOC 7 31-34	12/11/01	31-34	280	ND	ND	ND	ND	ND	ND	ND	ND
LOC 7 31-34 DUP	12/11/01	31-34	490	ND	ND	ND	ND	ND	ND	ND	ND
LOC 7 44-48	12/11/01	44-48	10000 J	2000 J	ND	ND	ND	ND	ND	ND	ND
LOC 7 56-60	12/11/01	56-60	7	74	ND	ND	ND	ND	ND	ND	ND
LOC 8 24.5-28.5	12/11/01	24.5-28.5	260	ND	ND	ND	ND	ND	ND	ND	ND
LOC 8 34-38	12/11/01	34-38	4100	100 J	ND	ND	ND	ND	ND	ND	ND
LOC 8 46-50	12/11/01	46-50	3700	500 J	ND	ND	ND	ND	ND	ND	ND
LOC 8 54-58	12/11/01	54-58	3	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 9 26-30	12/12/01	26-30	200	ND	ND	ND	ND	ND	ND	ND	ND
LOC 9 34-37	12/12/01	34-37	10000 J	440	ND	ND	ND	ND	ND	ND	ND
LOC 9 34-37 DUP	12/12/01	34-37	10000 J	250	ND	ND	ND	ND	ND	ND	ND
[illegible]-48	12/12/01	44-48	10000 J	360	ND	ND	ND	ND	ND	ND	ND

Sample ID	Date	Depth (feet)	TCE	1,1-DCE R.L.=	1,1-DCA 1 ug/L	c-DCE	TCA	BEN	TOL	EBZ	XYL
LOC 9 58.5-62.5	12/12/01	58.5-62.5	8	5	ND	ND	ND	ND	ND	ND	ND
LOC 9R 26-30	1/17/02	26-30	350	4	ND	ND	ND	ND	ND	ND	ND
LOC 9R 30-34	1/17/02	30-34	2900	17	ND	4	ND	ND	ND	ND	ND
LOC 9R 34-38	1/17/02	34-38	10000 J	150	ND	4	ND	ND	ND	ND	ND
LOC 9R 38-42	1/17/02	38-42	10000 J	110	ND	ND	ND	ND	ND	ND	ND
LOC 9R 42-46	1/17/02	42-46	10000 J	390	ND	ND	7	ND	ND	ND	ND
LOC 9R 46-50	1/17/02	46-50	20000 J	340	ND	ND	ND	ND	ND	ND	ND
LOC 9R 50-54	1/17/02	50-54	280	20	ND	ND	ND	ND	ND	ND	ND
LOC 9R 54-58	1/17/02	54-58	9300	80 J	ND	ND	ND	ND	ND	ND	ND
LOC 9R 58-62	1/17/02	58-62	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 10 25-28	12/6/01	25-28	150	ND	ND	ND	ND	ND	ND	ND	ND
LOC 10 40-43	12/12/01	40-43	10000 J	1000 J	ND	ND	ND	ND	ND	ND	ND
LOC 10 57-61	12/12/01	57-61	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 11 26.5-30.5	12/12/01	26.5-30.5	280	ND	ND	ND	ND	ND	ND	ND	ND
LOC 11 34-38	12/12/01	34-38	3000	200 J	ND	ND	ND	ND	ND	ND	ND
LOC 11 44-48	12/12/01	44-48	1600	4000 J	ND	ND	ND	ND	ND	ND	ND
LOC 11 61-65	12/12/01	61-65	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 12 27-31	12/13/01	27-31	1300	13	ND	7	ND	ND	ND	ND	ND
LOC 12 27-31 DUP	12/13/01	27-31	1300	14	ND	10	ND	ND	ND	ND	ND
LOC 12 36-40	12/13/01	36-40	430	100 J	ND	ND	ND	ND	ND	ND	ND
LOC 12 51-55	12/14/01	51-55	ND	3	ND	ND	ND	ND	ND	ND	ND
LOC 13 27-31	12/14/01	27-31	5800	20 J	ND	10	22	ND	ND	ND	ND
LOC 13 36-39	12/14/01	36-39	41	10	ND	ND	ND	ND	ND	ND	ND
LOC 13 46-50	12/14/01	46-50	7	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 13 52-56	12/14/01	52-56	9	1	ND	ND	6	ND	ND	ND	ND
LOC 14 25-28	12/17/01	25-28	6200	20 J	ND	6	20 J	ND	ND	ND	ND
LOC 14 25-28 DUP	12/17/01	25-28	5800	20 J	ND	7	20 J	ND	ND	ND	ND
LOC 14 25-28	12/21/01	25-28	2800	6	ND	4	4	ND	ND	ND	ND
LOC 14 25-28 DUP	12/21/01	25-28	2900	10	ND	6	7	ND	ND	ND	ND
LOC 14 42-46	12/17/01	42-46	8	ND	ND	ND	ND	ND	ND	ND	ND
LOC 14 52-56	12/17/01	52-56	ND	30 J	ND	ND	ND	ND	ND	ND	ND
LOC 15 28-32	12/19/01	28-32	3400	ND	ND	30 J	ND	ND	ND	ND	ND
LOC 15 44-48	12/19/01	44-48	120	100 J	ND	ND	ND	ND	ND	ND	ND
LOC 15 53.5-57.5	12/19/01	53.5-57.5	ND	6	ND	ND	ND	ND	ND	ND	ND
LOC 15 53.5-57.5 DUP	12/19/01	53.5-57.5	ND	8	ND	ND	ND	ND	ND	ND	ND
LOC 16 25.5-29.5	12/17/01	25.5-29.5	190	ND	ND	ND	ND	ND	ND	ND	ND
LOC 16 47-51	12/18/01	47-51	ND	30 J	ND	ND	ND	ND	ND	ND	ND
LOC 16 53-57	12/18/01	53-57	ND	10	ND	ND	ND	ND	ND	ND	ND
LOC 16 53-57 DUP	12/18/01	53-57	ND	8	ND	ND	ND	ND	ND	ND	ND
LOC 16 59-63	12/18/01	59-63	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 17 27-31	12/18/01	27-31	150	ND	ND	24	ND	ND	ND	ND	ND
LOC 17 38-42	12/18/01	38-42	180	ND	ND	4	ND	ND	ND	ND	ND
LOC 17 56.5-60.5	12/18/01	56.5-60.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 18 28-32	12/19/01	28-32	120	ND	ND	ND	ND	ND	ND	ND	ND
LOC 18 48-52	12/19/01	48-52	760	5	ND	ND	ND	ND	ND	ND	ND
LOC 18 63-67	12/20/01	63-67	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 19 28-32	12/19/01	28-32	460	8	ND	ND	ND	ND	ND	ND	ND
LOC 19 52-56	12/21/01	52-56	360	20 J	ND	9	ND	ND	ND	ND	ND
LOC 19 66-70	12/21/01	66-70	6	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Date	Depth (feet)	TCE	1,1-DCE R.L.=	1,1-DCA 1 ug/L	c-DCE	TCA	BEN	TOL	EBZ	XYL
LOC 20 22.5-26.5	12/20/01	22.5-26.5	13	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 20 32-36	12/20/01	32-36	21	9	ND	ND	ND	ND	ND	ND	ND
LOC 20 46-50	12/20/01	46-50	220	24	ND	ND	ND	ND	ND	ND	ND
LOC 20 54-58	12/20/01	54-58	22	6	ND	ND	ND	ND	ND	ND	ND
LOC 21 26-30	1/3/02	26-30	200 J	ND	ND	ND	ND	ND	ND	ND	ND
LOC 21 44-48	1/3/02	44-48	1500	6000 J	ND	ND	ND	ND	ND	ND	ND
LOC 21 44-48	1/7/02	44-48	9700	1000 J	ND	ND	ND	ND	ND	ND	ND
LOC 21 56-60	1/7/02	56-60	4900	1000 J	ND	ND	ND	ND	ND	ND	ND
LOC 22 28-32	1/7/02	28-32	31	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 22 33-36	1/7/02	33-36	540	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 22 56-60	1/7/02	56-60	1000 J	400 J	ND	ND	ND	ND	ND	ND	ND
LOC 23 23-27	1/9/02	23-27	1000	5	ND	ND	ND	ND	ND	ND	ND
LOC 23 37-41	1/9/02	37-41	54	3	ND	ND	ND	ND	ND	ND	ND
LOC 23 50-54	1/10/02	50-54	33	7	ND	ND	ND	ND	ND	ND	ND
LOC 23 60-64	1/10/02	60-64	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 24 26.5-30.5	1/11/02	26.5-30.5	1000	4	ND	ND	ND	ND	ND	ND	ND
LOC 24 42-46	1/11/02	42-46	20	ND	ND	ND	ND	ND	ND	ND	ND
LOC 24 59-63	1/11/02	59-63	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 25 28-32	1/14/02	28-32	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 25 39.5-43.5	1/14/02	39.5-43.5	8	ND	ND	ND	ND	ND	ND	ND	ND
LOC 25 39.5-43.5 DUP	1/14/02	39.5-43.5	8	ND	ND	ND	ND	ND	ND	ND	ND
LOC 25 58-62	1/16/02	58-62	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 26 23.5-27.5	1/4/02	23.5-27.5	50	ND	ND	ND	ND	ND	ND	ND	ND
LOC 26 23.5-27.5 DUP	1/4/02	23.5-27.5	49	ND	ND	ND	ND	ND	ND	ND	ND
LOC 26 34-38	1/4/02	34-38	200 J	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 26 45-49	1/4/02	45-49	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 27 27.5-31.5	1/8/02	27.5-31.5	210	100 J	ND	8	ND	ND	ND	ND	ND
LOC 27 35-39	1/8/02	35-39	250	ND	ND	ND	ND	ND	ND	ND	ND
LOC 27 60-64	1/8/02	60-64	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 28 24-28	1/8/02	24-28	320	ND	ND	ND	ND	ND	ND	ND	ND
LOC 28 24-28 DUP	1/8/02	24-28	270	ND	ND	ND	ND	ND	ND	ND	ND
LOC 28 40-44	1/8/02	40-44	6200	70 J	ND	7	ND	ND	ND	ND	ND
LOC 28 51-55	1/8/02	51-55	580	70 J	ND	ND	ND	ND	ND	ND	ND
LOC 29 25.5-29.5	1/15/02	25.5-29.5	230	3	ND	ND	ND	ND	ND	ND	ND
LOC 29 38.5-42.5	1/15/02	38.5-42.5	220	200 J	ND	ND	ND	ND	ND	ND	ND
LOC 29 56.5-60.5	1/15/02	56.5-60.5	ND	70 J	ND	ND	ND	ND	ND	ND	ND
LOC 30 18-22	1/15/02	18-22	90	ND	ND	ND	ND	ND	ND	ND	ND
LOC 30 24-25.5	1/15/02	24-25.5	270	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 30 27.5-31.5	1/15/02	27.5-31.5	3500	300 J	ND	ND	7	ND	ND	ND	ND
LOC 30 40-44	1/15/02	40-44	390	400 J	ND	ND	ND	ND	ND	ND	ND
LOC 31 22-26	1/18/02	22-26	540	40 J	52	90	ND	21	ND	ND	ND
LOC 31 26-30	1/18/02	26-30	500	5	ND	ND	ND	ND	ND	ND	ND
LOC 31 30-34	1/18/02	30-34	220	ND	ND	ND	ND	ND	ND	ND	ND
LOC 31 34-38	1/18/02	34-38	14	ND	ND	ND	ND	ND	ND	ND	ND
LOC 31 38-42	1/18/02	38-42	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 32 26-30	1/21/02	26-30	190	ND	ND	ND	ND	ND	ND	ND	ND
LOC 32 26-30 DUP	1/21/02	26-30	250	ND	ND	ND	ND	ND	ND	ND	ND
LOC 32 30-34	1/21/02	30-34	590	4	ND	ND	ND	ND	ND	ND	ND
LOC 32 34-38	1/21/02	34-38	820	20 J	ND	ND	ND	ND	ND	ND	ND

Sample ID	Date	Depth (feet)	TCE	1,1-DCE R.L.=	1,1-DCA 1 ug/L	c-DCE	TCA	BEN	TOL	EBZ	XYL
LOC 32 38-42	1/21/02	38-42	580	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 32 42-46	1/21/02	42-46	45	3	ND	ND	ND	ND	ND	ND	ND
LOC 32 46-50	1/21/02	46-50	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 32 50-54	1/21/02	50-54	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 32 54-58	1/21/02	54-58	7	3	ND	ND	ND	ND	ND	ND	ND
LOC 32 58-62	1/21/02	58-62	22	3	ND	ND	ND	ND	ND	ND	ND
LOC 32 62-66	1/21/02	62-66	11	2	ND	ND	ND	ND	ND	ND	ND
LOC 33 18-22	1/22/02	18-22	6	ND	ND	ND	ND	ND	ND	ND	ND
LOC 33 22-26	1/22/02	22-26	51	ND	ND	ND	ND	ND	ND	ND	ND
LOC 33 26-30	1/22/02	26-30	280	12	ND	ND	ND	ND	ND	ND	ND
LOC 33 30-34	1/22/02	30-34	800	100 J	ND	ND	ND	ND	ND	ND	ND
LOC 33 34-38	1/22/02	34-38	130	70 J	ND	ND	ND	ND	ND	ND	ND
LOC 33 38-42	1/22/02	38-42	13	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 33 38-42 DUP	1/22/02	38-42	9	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 33 42-46	1/22/02	42-46	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 34 12-16	1/23/02	12-16	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 34 16-20	1/23/02	16-20	11	ND	ND	ND	ND	ND	ND	ND	ND
LOC 34 20-24	1/23/02	20-24	280 J	40 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 24-28	1/23/02	24-28	310	50 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 28-32	1/23/02	28-32	360	50 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 32-36	1/23/02	32-36	410	70 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 32-36 DUP	1/23/02	32-36	430	70 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 36-40	1/23/02	36-40	56	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 34 40-44	1/23/02	40-44	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 34 44-48	1/23/02	44-48	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 35 16-20	1/25/02	16-20	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 35 20-24	1/25/02	20-24	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 35 24-28	1/25/02	24-28	50	ND	ND	ND	ND	ND	ND	ND	ND
LOC 35 28-32	1/25/02	28-32	130	8	ND	ND	ND	ND	ND	ND	ND
LOC 35 32-36	1/25/02	32-36	240	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 35 36-40	1/25/02	36-40	340	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 35 40-44	1/25/02	40-44	380	40 J	ND	ND	ND	ND	ND	ND	ND
LOC 35 44-48	1/25/02	44-48	410	60 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 18-22	1/24/02	18-22	89	ND	ND	ND	ND	ND	ND	ND	ND
LOC 36 22-26	1/24/02	22-26	220	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 26-30	1/24/02	26-30	480	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 30-34	1/24/02	30-34	390	50 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 34-38	1/24/02	34-38	270	30 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 38-42	1/24/02	38-42	80	30 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 42-46	1/24/02	42-46	220	60 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 46-50	1/24/02	46-50	19	10 J	ND	ND	ND	ND	ND	ND	ND
LOC 36 46-50 DUP	1/24/02	46-50	2	1	ND	ND	ND	ND	ND	ND	ND
LOC 36 50-54	1/24/02	50-54	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 36 56-60	1/24/02	56-60	ND	ND	ND	ND	ND	ND	ND	ND	ND

Sample ID	Date	Depth (feet)	TCE	1,1-DCE R.L.=	1,1-DCA 10 ug/Kg	c-DCE	TCA	BEN	TOL	EBZ	XYL
LOC 1 15-16	12/3/01	15-16	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 2 12.5	12/4/01	12.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 3 9	12/5/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 4 9	12/7/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 5 9	12/10/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 6 27.5	12/10/01	27.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 7 9	12/11/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 8 2	12/11/01	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 8 15	12/11/01	15	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 8 23.5	12/11/01	23.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 9 1.5	12/12/01	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 9 9	12/12/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 9 26	12/12/01	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 10 2	12/6/01	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 10 9	12/6/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 10 24	12/6/01	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 11 1.5	12/12/01	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 11 8	12/12/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 11 25.5	12/12/01	25.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 12 1.5	12/13/01	1.5	ND	200	ND	ND	ND	ND	ND	ND	ND
LOC 12 9	12/13/01	9	ND	530	ND	ND	ND	ND	ND	ND	ND
LOC 12 26	12/13/01	26	ND	63	ND	ND	ND	ND	ND	ND	ND
LOC 12R 1.5	1/9/02	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 12R 9	1/9/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 12R 26	1/9/02	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 13 1.5	12/14/01	1.5	ND	800	ND	720	ND	ND	ND	ND	ND
LOC 13 20.5	12/14/01	20.5	ND	250	ND	ND	ND	ND	ND	ND	ND
LOC 13 26	12/14/01	26	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 13R 1.5	1/9/02	1.5	ND	1000 J	ND	1000 J	ND	ND	ND	ND	ND
LOC 13R 20.5	1/9/02	20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 14 1.5	12/17/01	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 14 9	12/17/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 14 24	12/17/01	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 15 16	12/19/01	16	ND	6000 J	ND	ND	ND	ND	ND	ND	ND
LOC 15R 16	1/9/02	16	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 16 9	12/17/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 16 20	12/17/01	20	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 17 9	12/18/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 18 19.5	12/19/01	19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 19 3	12/19/01	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 20 9	12/20/01	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 21 9	1/3/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 22 9	1/7/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 23 9	1/9/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 24 10	1/11/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 25 9	1/14/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 26 1.5	1/4/02	1.5	ND	20 J	ND	ND	ND	ND	ND	ND	ND
LOC 26 9	1/4/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 26 22.5	1/4/02	22.5	ND	ND	ND	ND	ND	ND	ND	ND	ND

Laboratory Report

Sample ID	Date	Depth (feet)	TCE	1,1-DCE	1,1-DCA	c-DCE	TCA	BEN	TOL	EBZ	XYL
			R.L.=		10 ug/Kg						
LOC 27 3	1/8/02	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 28 9	1/8/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 29 9	1/15/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 30 9	1/15/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 31 15.5	1/18/02	15.5	ND	ND	ND	ND	ND	3600	5900	800 J	4000 J
LOC 32 18.5	1/21/02	18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 33 3.5	1/22/02	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 34 9	1/23/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 35 9	1/25/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND
LOC 36 9	1/24/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations:

TCE = trichloroethene
PCE = tetrachloroethene
c-DCE = cis-1,2-dichloroethene
BEN = benzene
EBZ = ethyl-benzene
R.L. = Reporting Limit
ug/L = micrograms per Liter
1,1-DCE = 1,1-dichloroethene
1,1-DCA = 1,1-dichloroethane
TCA = 1,1,1-trichloroethane
TOL = toluene
XYL = total xylenes
ND = not detected
ug/Kg = micrograms per Kilogram

Results for 1,1-DCE are estimates due to the coelution of 1,1-DCE and isopropyl alcohol.
Results for 1,2-DCA and benzene are estimates due to the coelution of 1,2-DCA and benzene.

In addition to the above listed compounds, all of the samples were analyzed for 1,2-dichloroethane and tetrachloroethene. None of these compounds were detected in any of the samples.

All samples reported in ug/L represent groundwater samples that were analyzed by headspace analysis. A 40-mL VOC vial was half-filled with sample and tightly capped. The vial was heated at 80 C for at least 30 minutes. This technique drives the volatile components from the aqueous material into the headspace. A 1-cc sample of the headspace was then injected into the gas chromatograph for analysis.

All samples reported in ug/Kg represent soil samples that were analyzed by headspace analysis. Approximately four grams of sample was accurately weighed into a 40-mL VOC vial and tightly capped. The vial was heated at 80 C for at least 30 minutes. This technique drives the volatile components from the soil into the headspace. A 1-cc sample of the headspace was then injected into the gas chromatograph for analysis.

All analysis were performed on-site by Plains Environmental Services using GC/FID.

Lynn R Newcomer

Lynn R. Newcomer
President

Laboratory Results

P • E • S

Environmental Consulting & Mobile Laboratory Services

Plains Environmental Services
P.O. Box 6288 • Salina, KS 67401-0288 • (785) 827-4545
Fax (785) 827-4582 • www.plainsenv.com

Client: TTL, Inc.
4154 Lomac Street
Montgomery, AL 36106

Date Reported: April 19, 2002

Project Location: Montgomery, AL
Project: Coliseum Boulevard Plume
ALDOT

Attn: Sheryl Reaves

Sample ID Reporting Limit	Depth (ft)	Date Analyzed	TCE 1 ug/L	1,1-DCE 1 ug/L	PCE 1 ug/L	1,1-DCA 1 ug/L	cis-DCE 1 ug/L	1,2-DCA 1 ug/L	Chloroform 1 ug/L	1,1,1-TCA 1 ug/L
Loc 14R	24-28	2/21/2002	3700	8	ND	ND	7	ND	ND	15
Loc 14R	28-32	2/21/2002	4200	13	ND	ND	6	ND	ND	14
Loc 14R	32-36	2/21/2002	4300	ND	ND	ND	ND	ND	ND	ND
Loc 14R	36-40	2/21/2002	11	ND	ND	ND	ND	ND	ND	ND
Loc 14R	40-44	2/21/2002	12	ND	ND	ND	ND	ND	ND	ND
Loc 14R	44-48	2/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 14R	48-52	2/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 14R	52-56	2/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 23R	23-27	2/21/2002	1200	10J	ND	ND	ND	ND	ND	9
Loc 23R	27-31	2/21/2002	4900	30J	ND	ND	ND	ND	ND	ND
Loc 23R dup	27-31	2/21/2002	5400	30J	ND	ND	ND	ND	ND	ND
Loc 23R	31-35	2/21/2002	4100	ND	ND	ND	ND	ND	ND	ND
Loc 23R	36-39	2/21/2002	30	2	ND	ND	ND	ND	ND	ND
Loc 23R	40-44	2/26/2002	46	7	ND	ND	ND	ND	ND	ND
Loc 23R	44-48	2/26/2002	5	10J	ND	ND	ND	ND	ND	ND
Loc 23R	48-52	2/26/2002	49	9J	ND	ND	ND	ND	ND	ND
Loc 23R	52-56	2/26/2002	13	2	ND	ND	ND	ND	ND	ND
Loc 23R	56-60	2/26/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 23R	60-64	2/26/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24R	26-30	3/6/2002	3500	10J	ND	ND	6	ND	ND	5
Loc 24R	30-34	3/6/2002	9	ND	ND	ND	ND	ND	ND	ND
Loc 24R	34-38	3/6/2002	21	ND	ND	ND	ND	ND	ND	ND
Loc 24R	38-42	3/6/2002	23	ND	ND	ND	ND	ND	ND	ND
Loc 24R	42-46	3/6/2002	30	ND	ND	ND	ND	ND	ND	ND
Loc 24R	46-50	3/6/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24R	54-58	3/6/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24R	58-62	3/6/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 24R	50-54	3/6/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 25R	28-32	3/5/2002	5	ND	ND	ND	ND	ND	ND	ND
Loc 25R	32-36	3/5/2002	33	ND	ND	ND	ND	ND	ND	ND
Loc 25R	36-40	3/5/2002	10	ND	ND	ND	ND	ND	ND	ND
Loc 25R	40-44	3/5/2002	6	ND	ND	ND	ND	ND	ND	ND
Loc 25R	44-48	3/5/2002	5	ND	ND	ND	ND	ND	ND	ND
Loc 25R	58-62	3/5/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 25R	52-56	3/5/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 25R	48-52	3/5/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 29R	25-29	2/27/2002	98	ND	ND	ND	ND	ND	ND	ND
Loc 29R	29-33	2/27/2002	110	2	ND	ND	ND	ND	ND	ND
Loc 29R	33-37	2/27/2002	440	100J	ND	ND	ND	ND	ND	ND
Loc 29R	37-41	2/27/2002	400	100J	ND	ND	ND	ND	ND	ND
Loc 29R	41-45	2/27/2002	13	63	ND	ND	ND	ND	ND	ND
Loc 29R	45-49	2/27/2002	20	360	ND	ND	ND	ND	ND	ND
Loc 29R dup	45-49	2/27/2002	20	330	ND	ND	ND	ND	ND	ND
Loc 29R	49-53	2/27/2002	7	200J	ND	ND	ND	ND	ND	ND
Loc 29R	53-57	2/27/2002	2	100J	ND	ND	ND	ND	ND	ND
Loc 29R	56-60	2/27/2002	ND	4	ND	ND	ND	ND	ND	ND
Loc 30R	18-22	2/26/2002	38	2	ND	ND	ND	ND	ND	ND
Loc 30R	22-26	2/26/2002	300	23	ND	ND	ND	ND	ND	ND
Loc 30R	26-28	2/26/2002	330	28	ND	ND	ND	ND	ND	ND
Loc 30R	32-36	2/26/2002	340	200J	ND	ND	ND	ND	ND	ND
Loc 30R	36-40	2/26/2002	1200	300J	ND	ND	ND	ND	ND	ND
Loc 30R dup	36-40	2/26/2002	1500	400J	ND	ND	ND	ND	ND	ND
Loc 30R	40-44	2/26/2002	150	100J	ND	ND	ND	ND	ND	ND
Loc 37	18-22	2/26/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 37	22-26	2/26/2002	31	ND	ND	ND	ND	ND	ND	ND
Loc 37	26-30	2/27/2002	200	6	ND	ND	ND	ND	ND	ND
Loc 37	30-34	2/27/2002	270	30	ND	ND	ND	ND	ND	ND
Loc 37	34-38	2/27/2002	160	200J	ND	ND	ND	ND	ND	ND

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Laboratory Results

Sample ID Reporting Limit	Depth (ft)	Date Analyzed	TCE 1 ug/L	1,1-DCE 1 ug/L	PCE 1 ug/L	1,1-DCA 1 ug/L	cis-DCE 1 ug/L	1,2-DCA 1 ug/L	Chloroform 1 ug/L	1,1,1-TCA 1 ug/L
Loc 37	38-42	2/27/2002	100	100J	ND	ND	ND	ND	ND	ND
Loc 39	12-16'	2/27/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 39	16-20	2/27/2002	250	ND	ND	ND	ND	ND	ND	ND
Loc 39	20-24	2/27/2002	700	3	ND	ND	ND	ND	ND	ND
Loc 39	24-28	2/27/2002	720	4	ND	ND	ND	ND	ND	ND
Loc 40	28-32	3/8/2002	12	ND	ND	ND	ND	ND	ND	ND
Loc 40	32-36	3/8/2002	220	7	ND	ND	ND	ND	ND	ND
Loc 40 dup	28-32	3/8/2002	16	ND	ND	ND	ND	ND	ND	ND
Loc 40	36-40	3/8/2002	2700	90J	ND	ND	ND	10J	ND	ND
Loc 40	40-44	3/8/2002	4400	270	ND	ND	ND	30J	ND	ND
Loc 40	44-48	3/8/2002	370	100J	ND	ND	ND	10J	ND	ND
Loc 40	52-56	3/8/2002	ND	42	ND	ND	ND	ND	ND	ND
Loc 40	48-52	3/8/2002	29	100J	ND	ND	ND	7	ND	ND
Loc 41	20-24	3/13/2002	10	ND	ND	ND	ND	ND	ND	ND
Loc 41	24-28	3/13/2002	29	ND	ND	ND	ND	ND	ND	ND
Loc 41	28-32	3/13/2002	240	ND	ND	ND	ND	ND	ND	ND
Loc 41	32-36	3/13/2002	610	10J	ND	ND	ND	ND	ND	ND
Loc 41 dup	28-32	3/13/2002	200	ND	ND	ND	ND	ND	ND	ND
Loc 41	36-40	3/13/2002	780	10J	ND	ND	ND	ND	ND	ND
Loc 41	40-44	3/13/2002	2600	30J	ND	ND	3	4	ND	ND
Loc 41	44-48	3/13/2002	3400	40J	ND	ND	4	5	ND	ND
Loc 41	48-52	3/13/2002	740	27	ND	ND	ND	5	ND	ND
Loc 41	52-56	3/13/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 41	56-60	3/13/2002	6	ND	ND	ND	ND	ND	ND	ND
Loc 42	20-24	3/21/2002	400	3	ND	ND	ND	ND	ND	ND
Loc 42	24-28	3/21/2002	2100	8	ND	ND	ND	ND	ND	ND
Loc 42	28-32	3/21/2002	530	2	ND	ND	ND	ND	ND	ND
Loc 42	32-36	3/21/2002	110	2	ND	ND	5	ND	ND	ND
Loc 42	36-40	3/21/2002	150	2	ND	ND	6	ND	ND	ND
Loc 42	40-44	3/21/2002	120	ND	ND	ND	8	ND	ND	ND
Loc 42	44-48	3/21/2002	85	ND	ND	ND	6	ND	ND	ND
Loc 42 dup	44-48	3/21/2002	72	ND	ND	ND	6	ND	ND	ND
Loc 42	48-52	3/21/2002	250	ND	ND	ND	8	ND	ND	ND
Loc 42	52-56	3/21/2002	320	5	ND	ND	10J	ND	ND	ND
Loc 42	56-60	3/21/2002	200	3	ND	ND	4	ND	ND	ND
Loc 42	60-64	3/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 42	64-68	3/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 43	28-32	3/15/2002	75	4	ND	ND	ND	ND	ND	ND
Loc 43	32-36	3/15/2002	180	18	ND	ND	ND	ND	ND	ND
Loc 43	36-40	3/15/2002	140	36	ND	ND	ND	5	ND	ND
Loc 43 dup	32-36	3/15/2002	190	15	ND	ND	ND	ND	ND	ND
Loc 43	40-44	3/15/2002	160	60J	ND	ND	ND	9J	ND	ND
Loc 43	44-48	3/15/2002	55	70J	ND	ND	ND	5	ND	ND
Loc 43	46-50	3/15/2002	42	90J	ND	ND	ND	6	ND	ND
Loc 43	54-58	3/15/2002	8	24	ND	ND	ND	ND	ND	ND
Loc 43	50-54	3/15/2002	7	6	ND	ND	ND	ND	ND	ND
Loc 44	20-24	3/22/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 44	24-28	3/22/2002	8	ND	ND	ND	ND	ND	ND	ND
Loc 44	28-32	3/22/2002	29	ND	ND	ND	ND	ND	ND	ND
Loc 44	32-36	3/22/2002	110	ND	ND	ND	ND	ND	ND	ND
Loc 44	36-40	3/22/2002	240	7	ND	ND	ND	ND	ND	ND
Loc 44	40-44	3/22/2002	450	15	ND	ND	ND	ND	ND	ND
Loc 44	45-49	3/22/2002	900J	20J	ND	ND	2	2	ND	ND
Loc 45	20-24	4/1/2002	220	ND	ND	ND	ND	ND	ND	ND
Loc 45	24-28	4/1/2002	560	3	ND	ND	ND	ND	ND	ND
Loc 45	28-32	4/1/2002	230	ND	ND	ND	3	ND	ND	ND
Loc 45	32-36	4/1/2002	980	8	ND	ND	3	ND	ND	ND
Loc 45	36-40	4/1/2002	1100	16	ND	ND	3	ND	ND	ND
Loc 45	40-44	4/2/2002	1000	10J	ND	ND	3	ND	ND	ND
Loc 45	44-48	4/2/2002	510	7	ND	ND	2	ND	ND	ND
Loc 45	48-52	4/2/2002	660	5	ND	ND	2	ND	ND	ND
Loc 45	52-56	4/2/2002	12	ND	ND	ND	ND	ND	ND	ND
Loc 45 dup	52-56	4/2/2002	10	ND	ND	ND	ND	ND	ND	ND
Loc 45	56-60	4/2/2002	45	ND	ND	ND	ND	ND	ND	ND
Loc 45	60-64	4/2/2002	7	ND	ND	ND	ND	ND	ND	ND
Loc 45	64-68	4/2/2002	4	ND	ND	ND	ND	ND	ND	ND

Apr.30. 2002 4:06PM No.1910 P. 4/7

Laboratory Results

Sample ID Reporting Limit	Depth (ft)	Date Analyzed	TCE 1 ug/L	1,1-DCE 1 ug/L	PCE 1 ug/L	1,1-DCA 1 ug/L	cis-DCE 1 ug/L	1,2-DCA 1 ug/L	Chloroform 1 ug/L	1,1,1-TCA 1 ug/L
Loc 45	68-72	4/2/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	22-26	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	26-30	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	30-34	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	34-38	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	38-42	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 46	63-67	4/3/2002	ND	ND	ND	ND	ND	ND	ND	ND
CMT-1	Port 3	2/21/2002	850	20000J	ND	ND	ND	ND	ND	20J
CMT-1	Port 5	2/21/2002	100	1500J	ND	ND	ND	ND	ND	20J

Sample ID Reporting Limit	Depth (ft)	Date Analyzed	TCE 10 ug/Kg	1,1-DCE 10 ug/Kg	PCE 10 ug/Kg	1,1-DCA 10 ug/Kg	cis-DCE 10 ug/Kg	1,2-DCA 10 ug/Kg	Chloroform 10 ug/Kg	1,1,1-TCA 10 ug/Kg
Loc 37	9	2/27/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 39	9	2/27/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 40	9	3/13/2002	ND	14	ND	ND	ND	ND	ND	ND
Loc 41	9	3/13/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 43	9	3/19/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 44	9	3/21/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 45	9	3/26/2002	ND	27	ND	ND	ND	ND	ND	ND
Loc 46	9	4/2/2002	ND	ND	ND	ND	ND	ND	ND	ND
Loc 43	9	3/15/2002	ND	ND	ND	ND	ND	ND	ND	ND

Abbreviations:

TCE = trichloroethene
PCE = tetrachloroethene
cis-DCE = cis-1,2-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
ug/L = micrograms per Liter
1,1-DCE = 1,1-dichloroethene
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
ND = not detected
ug/Kg = micrograms per Kilogram
J = Estimate, as this result is above the calibration curve for this compound

In addition to the above listed compounds, all samples were analyzed for the presence of benzene, toluene, ethyl-benzene and total xylenes. None of these compounds were detected in any of the samples.

All samples reported in ug/L represent groundwater samples that were analyzed by headspace analysis. A 40-mL VOC vial was half-filled with sample and tightly capped. The vial was heated at 80 C for at least 30 minutes. This technique drives the volatile components from the aqueous material into the headspace. A 1-cc sample of the headspace was then injected into the gas chromatograph for analysis.

All samples reported in ug/Kg represent soil samples that were analyzed by headspace analysis. Approximately four grams of sample was accurately weighed into a 40-mL VOC vial and tightly capped. The vial was heated at 80 C for at least 30 minutes. This technique drives the volatile components from the soil into the headspace. A 1-cc sample of the headspace was then injected into the gas chromatograph for analysis.

All analysis were performed on-site by Plains Environmental Services using GC/FID.

Lynn R. Newcomer
President

Apr. 30. 2002 4:07PM No. 1910 P. 5/7

Log Sheet

Boring ID	Date	Time	Depth	PES ID	matrix	comments
TCE std	12/3/01	9:08		ALDOT.C01	gas	1cc 10ppm
TCE std	12/3/01	9:11		.C02	gas	1cc 10ppm
BTEX std	12/3/01	10:40		.C03	gas	1cc 10ppm
DCE std	12/3/01	10:53		.C04	gas	1cc 1ppm
DCE std	12/3/01	11:02		.C05	gas	1cc 1ppm
Loc 1	12/3/01	13:05	15-16	.C06	soil	1cc 4.68g
Loc 1 w	12/3/01	13:22	24-28	.C07	water	0.1cc
Loc 1 w	12/3/01	13:33	24-28	.C08	water	1cc
Loc 1 w	12/3/01	16:49	46-50	.C09	water	0.1cc
TCE std	12/3/01	17:07		.C10	gas	1cc 10ppm
TCE std	12/3/01	17:10		.C11	gas	1cc 10ppm
BTEX std	12/3/01	17:16		.C12	gas	1cc 10ppm
Blank	12/4/01	7:41		.C13	gas	1cc
TCE std	12/4/01	7:49		.C14	gas	1cc 10ppm
BTEX std	12/4/01	7:57		.C15	gas	1cc 10ppm
Loc 2	12/4/01	8:58	12.5	.C16	soil	1cc 2.15g
Loc 2 w	12/4/01	9:19	24-27	.C17	water	0.1cc
Loc 2w	12/4/01	9:30	24-27	.C18	water	1cc
Loc 2w	12/4/01	10:08	29-31	.C19	water	0.1cc bad inj.
Loc 2w	12/4/01	10:10	29-31	.C20	water	0.1cc
Loc 2w	12/4/01	15:03	51-54	.C21	water	0.1cc
Loc 2w	12/4/01	15:17	51-54	.C22	water	10uL
Loc 2w dup	12/4/01	15:38	51-54	.C23	water	10 uL
TCE std	12/4/01	15:48		.C24	gas	1cc 10ppm
BTEX std	12/4/01	15:54		.C25	gas	1cc 10ppm
Blank	12/4/01	16:03		.C26	gas	1cc
Blank	12/5/01	8:04		.C27	gas	1cc
TCE std	12/5/01	8:26		.C28	gas	1cc 10ppm
TCE std	12/5/01	8:30		.C29	gas	1cc 10ppm
BTEX std	12/5/01	8:34		.C30	gas	1cc 10ppm
Loc 3	12/5/01	9:32	9	.C31	soil	1cc 2.86g
Loc 3	12/5/01	9:41	24-28	.C32	water	0.1cc
Loc 3	12/5/01	15:12	44.5-48.5	.C33	water	0.1cc
TCE std	12/5/01	15:20		.C34	gas	1cc 10ppm
BTEX std	12/5/01	15:45		.C35	gas	1cc 10ppm
BTEX std	12/5/01	15:54		.C36	gas	1cc 10ppm
Blank	12/5/01	16:02		.C37 (overwritten)	gas	1cc
Blank	12/6/01	8:27		.C37	gas	1cc
TCE std	12/6/01	8:39		.C38	gas	1cc 10ppm
BTEX std	12/6/01	8:44		.C39	gas	1cc 10ppm
Loc 10	12/6/01	8:57	2	.C40	soil	1cc 2.89g
Loc 10	12/6/01	9:34	9	.C41	soil	1cc 2.40g
Loc 10	12/6/01	9:44	24	.C42	soil	1cc 2.57g
Loc 10	12/6/01	9:54	25-28	.C43	water	0.1cc
Loc 10	12/6/01	10:04	25-28	.C44	water	1cc
Blank	12/7/01	10:45		.C45	gas	1cc
TCE std	12/7/01	10:55		.C46	gas	1cc 10ppm
BTEX std	12/7/01	11:01		.C47	gas	1cc 10ppm

Loc 4	12/7/01	11:11	9	.C48	soil	1cc 2.35g
Loc 4	12/7/01	11:21	18-21	.C49	water	0.1cc
Loc 4	12/7/01	11:31	18-21	.C50	water	1cc
TCE std	12/7/01	11:43		.C51	gas	1cc 10ppm
Loc 4	12/7/01	12:54	25-28	.C52	water	0.1cc
Loc 4	12/7/01	13:05	25-28	.C53	water	1cc
Loc 4	12/7/01	14:48	39-43	.C54	water	0.1cc
Loc 4 dup	12/7/01	14:58	39-43	.C55	water	0.1cc
Loc 4	12/7/01	15:06	39-43	.C56	water	1cc
BTEX std	12/7/01	15:15		.C57	gas	1cc 10ppm
TCE std	12/7/01	15:25		.C58	gas	1cc 10ppm
Blank	12/7/01	15:28		.C59	gas	1cc
Blank	12/10/01	11:17		.C60	gas	1cc
TCE std	12/10/01	11:27		.C61	gas	1cc 10ppm
BTEX std	12/10/01	11:35		.C62	gas	1cc 10ppm
Loc 5	12/10/01	13:36		.C63	soil	1cc 4.99g col. broke
TCE std	12/10/01	14:07		.C64	gas	1cc 10ppm
BTEX std	12/10/01	14:11		.C65	gas	1cc 10ppm
Loc 5	12/10/01	14:22	9	.C66	soil	1cc 4.99g
Loc 5	12/10/01	14:31	21-24	.C67	water	0.1cc
Loc 5	12/10/01	14:53	21-24	.C68	water	1cc
Loc 5	12/10/01	14:56	21-24	.C69	water	1cc
Loc 6	12/10/01	15:04	27.5	.C70	soil	1cc 4.57g
Loc 6	12/10/01	15:12	28-32	.C71	water	0.1cc
Loc 6	12/10/01	15:21	28-32	.C72	water	0.1cc
Loc 6	12/10/01	15:29	28-32	.C73	water	1cc
Loc 5	12/10/01	15:55	26-28	.C74	water	0.1cc
Loc 5	12/10/01	16:04	26-28	.C75	water	1cc
Loc 6	12/10/01	16:17	36.5-38.5	.C76	water	0.1cc
Loc 6	12/10/01	16:32	36.5-38.5	.C77	water	10uL
Loc 6	12/10/01	19:07	52-56	.C78	water	0.1cc
Loc 6	12/10/01	19:16	52-56	.C79	water	10uL
Loc 5	12/10/01	19:23	38-42	.C80	water	0.1cc
Loc 5	12/10/01	19:32	38-42	.C81	water	1cc
TCE std	12/10/01	19:41		.C82	gas	1cc 10ppm
Blank	12/11/01	9:04		.C83	gas	1cc
TCE std	12/11/01	9:14		.C84	gas	1cc 10ppm
BTEX std	12/11/01	9:24		.C85	gas	1cc 10ppm
Loc 7	12/11/01	10:13	9	.C86	soil	1cc 2.69g
Loc 8	12/11/01	10:22	1-2'	.C87	soil	1cc 3.45g
Loc 8	12/11/01	10:32	15	.C88	soil	1cc 3.76g
Loc 7	12/11/01	10:41	31-34	.C89	water	0.1cc
Loc 7 dup	12/11/01	10:50	31-34	.C90	water	0.1cc
Loc 7	12/11/01	10:56	31-34	.C91	water	1cc
Loc 8	12/11/01	11:13	23.5	.C92	soil	1cc 3.11g
Loc 8	12/11/01	12:29	24.5-28.5	.C93	water	0.1cc
Loc 8	12/11/01	12:39	24.5-28.5	.C94	water	1cc
DCE std	12/11/01	13:32		.C95	gas	1cc 1ppm
Loc 7	12/11/01	14:08	44-48	.C96	water	0.1cc
Loc 7	12/11/01	14:17	44-48	.C97	water	10uL

Loc 8	12/11/01	14:31 34-38	.C98	water	0.1cc
Loc 8	12/11/01	14:40 34-38	.C99	water	10uL
TCE std	12/11/01	16:17	ALDOTB.C01	gas	1cc 10ppm
Blank	12/11/01	16:21	.C02	gas	1cc
Loc 8	12/11/01	16:30 46-50	.C03	water	0.1cc
Loc 8	12/11/01	16:41 46-50	.C04	water	10uL
Loc 7	12/11/01	17:29 56-60	.C05	water	0.1cc
Loc 7	12/11/01	17:37 56-60	.C06	water	1cc
Loc 8	12/11/01	17:47 54-58	.C07	water	0.1cc
Loc 8	12/11/01	17:56 54-58	.C08	water	1cc
TCE std	12/11/01	18:07	.C09	gas	1cc 10ppm
TCE std	12/11/01	18:10	.C10	gas	1cc 10ppm
Blank	12/11/01	18:13	.C11	gas	1cc
TCE std	12/12/01	8:59	.C12	gas	1cc 10ppm
TCE std	12/12/01	9:05	.C13	gas	1cc 10ppm
BTEX std	12/12/01	9:11	.C14	gas	1cc 10ppm
DCE std	12/12/01	9:29	.C15	gas	1cc 1ppm
DCE std	12/12/01	9:43	.C16	gas	1cc 1ppm
Loc 9	12/12/01	10:00 1.5	.C18	soil	1cc 3.65g
Loc 10	12/12/01	10:16 40-43	.C19	water	0:1cc
Loc 10	12/12/01	10:32 40-43	.C20	water	10uL
Loc 10	12/12/01	10:42 40-43	.C21	water	1cc
Loc 9	12/12/01	11:05 9	.C22	soil	1cc 3.91g
Loc 9	12/12/01	11:20 26	.C23	soil	1cc 1.68g
Loc 9	12/12/01	12:47 26-30	.C24	water	0.1cc bad inj.
Loc 9	12/12/01	12:51 26-30	.C25	water	0.1cc bad inj.
Loc 9	12/12/01	13:01 26-30	.C26	water	0.1cc bad inj.
TCE std	12/12/01	13:15	.C27	gas	1cc 10ppm
Loc 9	12/12/01	13:20 26-30	.C28	water	1cc
Loc 9	12/12/01	13:37 26-30	.C29	water	0.1cc
Loc 10	12/12/01	13:54 57-61	.C30	water	0.1cc
Loc 10	12/12/01	14:08 57-61	.C31	water	1cc
Loc 10	12/12/01	14:16 57-61	.C32	water	1cc
Loc 9	12/12/01	14:30 34-37	.C33	water	0.1cc
Loc 9	12/12/01	14:45 34-37	.C34	water	10uL
Loc 9 dup	12/12/01	15:03 34-37	.C35	water	10uL
TCE std	12/12/01	15:23	.C36	gas	1cc 10ppm
Blank	12/12/01	15:28	.C37	gas	1cc
DCE std	12/12/01	15:36	.C38	gas	1cc 1ppm
Loc 11	12/12/01	16:08 1.5	.C39	soil	1cc 2.02g
Loc 11	12/12/01	16:21 8	.C40	soil	1cc 2.24g
Loc 11	12/12/01	16:35 25.5	.C41	soil	1cc 2.28g
Loc 11	12/12/01	16:51 26.5-30.5	.C42	water	0.1cc
Loc 11	12/12/01	17:08 26.5-30.5	.C43	water	1cc
Loc 9	12/12/01	17:22 44-48	.C44	water	0.1cc
Loc 9	12/12/01	17:40 44-48	.C45	water	10uL disk error
Loc 9	12/12/01	17:46 44-48	.C46	water	10uL
Loc 11	12/12/01	18:32 34-38	.C47	water	0.1cc
Loc 11	12/12/01	18:49 34-38	.C48	water	10uL
Loc 9	12/12/01	18:54 58.5-62.5	.C49	water	0.1cc

Loc 9	12/12/01	19:07	58.5-62.5	.C50	water	1cc
Loc 11	12/12/01	19:35	44-48	.C51	water	1cc
Loc 11	12/12/01	19:40	44-48	.C52	water	10uL
Blank	12/12/01	20:03		.C53	gas	1cc
TCE std	12/12/01	20:15		.C54	gas	1cc 10ppm
TCE std	12/12/01	20:18		.C55	gas	1cc 10ppm
TCE std	12/13/01	9:03		.C56	gas	1cc 10ppm
TCE std	12/13/01	9:06		.C57	gas	1cc 10ppm
BTEX std	12/13/01	9:21		.C58	gas	1cc 10ppm
DCE std	12/13/01	9:36		.C59	gas	1cc 1ppm
Loc 12	12/13/01	9:45	1.5	.C60	soil	1cc 2.08g
Loc 12	12/13/01	9:59	1.5	.C61	soil	0.1cc 2.08g
Loc 12	12/13/01	10:11	9	.C63	soil	1cc 2.27g
Loc 12	12/13/01	10:27	9	.C64	soil	0.1cc 2.27g
Loc 12	12/13/01	10:34	26	.C65	soil	1cc 1.52g
Loc 12	12/13/01	10:49	27-31	.C66	water	1cc
Loc 12	12/13/01	11:09	27-31	.C67	water	0.1cc
Loc 12 dup	12/13/01	11:13	27-31	.C68	water	0.1cc
Loc 12	12/13/01	12:57	36-40	.C69	water	1cc
Loc 12	12/13/01	13:11	36-40	.C70	water	0.1cc
Loc 11	12/13/01	16:05	61-65	.C71	water	1cc
TCE std	12/13/01	18:00		.C72	gas	1cc 10ppm
Blank	12/13/01	18:08		.C73	gas	1cc
DCE std	12/13/01	18:21		.C74	gas	1cc 1ppm
Blank	12/14/01	8:19		.C75	gas	1cc
TCE std	12/14/01	8:40		.C76	gas	1cc 1ppm
DCE std	12/14/01	8:46		.C77	gas	1cc 1ppm
DCE std	12/14/01	8:53		.C78	gas	1cc 1ppm
DCE std	12/14/01	9:07		.C79	gas	1cc 1ppm
Loc 13	12/14/01	9:16	1.5	.C80	soil	1cc 2.32g
Loc 13	12/14/01	9:31	1.5	.C81	soil	0.1cc 2.32g
Loc 13	12/14/01	10:16	20.5	.C82	soil	1cc 2.98g
Loc 13	12/14/01	10:32	20.5	.C83	soil	1cc 2.98g
Loc 13	12/14/01	10:37	26	.C84	soil	1cc 3.01g
Loc 13	12/14/01	11:03	27-31	.C85	water	1cc
Loc 13	12/14/01	11:24	27-31	.C86	water	10uL
Loc 12	12/14/01	11:31	51-55	.C87	water	1cc
Loc 13	12/14/01	13:48	36-39	.C88	water	1cc
Loc 13	12/14/01	15:32	46-50	.C89	water	1cc
Loc 13	12/14/01	15:45	46-50	.C90	water	0.1cc
TCE std	12/14/01	16:05		.C91	gas	1cc 10ppm
DCE std	12/14/01	16:09		.C92	gas	1cc 1ppm
Loc 13	12/14/01	16:13	52-56	.C93	gas	1cc
Blank	12/17/01	9:12		ALDOTC.C01	gas	1cc
TCE std	12/17/01	9:27		.C02	gas	1cc 10ppm
DCE std	12/17/01	9:32		.C03	gas	1cc 1ppm
BTEX std	12/17/01	9:36		.C04	gas	1cc 10ppm
Loc 14	12/17/01	9:55	1.5	.C05	soil	1cc 1.95g
Loc 14	12/17/01	10:50	9	.C06	soil	1cc 4.65g
Loc 14	12/17/01	11:03	24	.C07	soil	1cc 3.15g

Loc 14	12/17/01	11:16	25-28	.C08	water	1cc
Loc 14	12/17/01	11:31	25-28	.C09	water	10uL
Loc 14 dup	12/17/01	11:39	25-28	.C10	water	1cc
Loc 14 dup	12/17/01	11:47	25-28	.C11	water	10uL
Loc 14	12/17/01	15:40	42-46	.C12	water	1cc
Loc 16	12/17/01	16:55	25.5-29.5	.C13	water	1cc
Loc 16	12/17/01	17:08	25.5-29.5	.C14	water	0.1cc
Loc 16	12/17/01	17:16	9	.C15	soil	1cc 5.62g
Loc 16	12/17/01	17:30	20	.C16	soil	1cc 4.88g
TCE std	12/17/01	17:58		.C17	gas	1cc 10ppm
Blank	12/17/01	18:04		.C18	gas	1cc
DCE std	12/17/01	18:31		.C19	gas	1cc 1ppm
DCE std	12/17/01	18:36		.C20	gas	1cc 1ppm
Loc 14	12/17/01	19:37	52-56	.C21	water	1cc
Blank	12/18/01	8:34		.C22	gas	1cc
TCE std	12/18/01	8:46		.C23	gas	1cc 10ppm
DCE std	12/18/01	8:52		.C24	gas	1cc 1ppm
Loc 17	12/18/01	9:47	9	.C25	soil	1cc 1.96g
Loc 17	12/18/01	10:19	27-31	.C26	water	1cc
Loc 17	12/18/01	10:35	27-31	.C27	water	0.1cc
Loc 16	12/18/01	10:49	47-51	.C28	water	1cc
Loc 16	12/18/01	11:03	47-51	.C29	water	0.1cc
Loc 17	12/18/01	12:44	38-42	.C30	water	1cc
Loc 16	12/18/01	12:59	53-57	.C31	water	1cc
Loc 16 dup	12/18/01	13:18	53-57	.C32	water	1cc
Loc 17	12/18/01	15:29	56.5-60.5	.C33	water	1cc
TCE std	12/18/01	15:44		.C34	gas	1cc 10ppm
Blank	12/18/01	15:49		.C35	gas	1cc
Loc 16	12/18/01	16:21		.C36	water	1cc
Blank	12/19/01	8:09		.C37	gas	1cc
TCE std	12/19/01	8:27		.C38	gas	1cc 10ppm
TCE std	12/19/01	10:09		.C39	gas	1cc 10ppm
DCE std	12/19/01	10:14		.C40	gas	1cc 1ppm
DCE std	12/19/01	10:19		.C41	gas	1cc 1ppm
Loc 18	12/19/01	10:26	19.5	.C42	soil	1cc 2.95g
Loc 15	12/19/01	10:39	16	.C43	soil	1cc 4.36g
Loc 15	12/19/01	10:55	16	.C44	soil	10uL 4.36g
Loc 18	12/19/01	11:01	28-32	.C45	water	1cc
Loc 18	12/19/01	11:15	28-32	.C46	water	0.1cc
Loc 15	12/19/01	11:23	28-32	.C47	water	1cc
Loc 15	12/19/01	11:37	28-32	.C48	water	10uL
Loc 18	12/19/01	13:46	48-52	.C49	water	1cc
Loc 18	12/19/01	14:01	48-52	.C50	water	0.1cc
Loc 15	12/19/01	15:34	44-48	.C51	water	1cc
Loc 15	12/19/01	15:49	44-48	.C52	water	0.1cc
Loc 19	12/19/01	16:42	3	.C53	soil	1cc 2.08g
TCE std	12/19/01	16:56		.C54	gas	1cc 10ppm
DCE std	12/19/01	17:00		.C55	gas	1cc 1ppm
Blank	12/19/01	17:05		.C56	gas	1cc
Loc 19	12/19/01	17:19	28-32	.C57	water	1cc

Loc 19	12/19/01	17:38 28-32	.C58	water	0.1cc
Loc 15	12/19/01	17:44 53.5-57.5	.C59	water	1cc
Loc 15 dup	12/19/01	17:57 53.5-57.5	.C60	water	1cc
Blank	12/20/01	8:38	.C61	gas	1cc
TCE std	12/20/01	9:00	.C62	gas	1cc 10ppm
DCE std	12/20/01	9:06	.C63	gas	1cc 1ppm
BTEX std	12/20/01	9:13	.C64	gas	1cc 10ppm
Loc 20	12/20/01	10:47 9	.C65	soil	1cc 2.55g
Loc 20	12/20/01	11:03 22.5-26.5	.C66	water	1cc
Loc 20	12/20/01	13:05 32-36	.C67	water	1cc
Loc 20	12/20/01	14:53 46-50	.C68	water	1cc
Loc 20	12/20/01	15:07 46-50	.C69	water	0.1cc
TCE std	12/20/01	16:03	.C70	gas	1cc 10ppm
DCE std	12/20/01	16:08	.C71	gas	1cc 1ppm
Loc 20	12/20/01	16:34 54-58	.C72	water	1cc
Loc 18	12/20/01	17:44 63-67	.C73	water	1cc
Error	12/21/01		.C74		
TCE std	12/21/01	9:08	.C75	gas	1cc 10ppm
DCE std	12/21/01	9:13	.C76	gas	1cc 1ppm
DCE std	12/21/01	9:17	.C77	gas	1cc 1ppm
Loc 14	12/21/01	11:30 25-28	.C78	water	1cc
Loc 14	12/21/01	11:48 25-28	.C79	water	10uL
TCE std	12/21/01	11:53	.C80	gas	1cc 10ppm
Loc 14 dup	12/21/01	11:59 25-28	.C81	water	10uL
Loc 14 dup	12/21/01	12:06 25-28	.C82	water	1cc
DCE std	12/21/01	12:13	.C83	gas	1cc 1ppm
Loc 19	12/21/01	12:19 52-56	.C84	water	1cc
Loc 19	12/21/01	12:34 52-56	.C85	water	0.1cc
Loc 19	12/21/01	16:02 66-70	.C86	water	1cc
Blank	1/3/02	8:44	ALDOTD.C01	gas	1cc
TCE std	1/3/02	9:01	.C02	gas	1cc 10ppm
BTEX std	1/3/02	9:08	.C03	gas	1cc 10ppm
DCE std	1/3/02	9:41	.C04	gas	1cc 1ppm
Loc 21	1/3/02	10:30 9	.C05	soil	1cc
Loc 21	1/3/02	11:40 26-30	.C06	water	1cc disk error
Loc 21	1/3/02	13:35 26-30	.C06	water	0.1cc
Blank	1/3/02	13:44	.C07	gas	1cc
Loc 21	1/3/02	14:27 44-48	.C08	water	1cc
Loc 21	1/3/02	14:48 44-48	.C09	water	10uL bad inj.
Loc 21	1/3/02	14:54 44-48	.C10	water	10uL
TCE std	1/3/02	16:01	.C11	gas	1cc 10ppm
DCE std	1/3/02	16:06	.C12	gas	1cc 1ppm
Blank	1/3/02	16:11	.C13	gas	1cc
TCE std	1/4/02	10:25	.C14	gas	1cc 10ppm
DCE std	1/4/02	10:39	.C15	gas	1cc 1ppm
Blank	1/4/02	10:44	.C16	gas	1cc
Loc 26	1/4/02	10:58 1.5	.C17	soil	1cc 2.93g
Loc 26	1/4/02	11:12 9	.C18	soil	1cc 4.15 g
Loc 26	1/4/02	12:10 22.5	.C19	soil	1cc 2.76g
Loc 26	1/4/02	12:29 23.5-27.5	.C20	water	1cc

Loc 26 dup	1/4/02	12:44	23.5-27.5	.C21	water	1cc
Loc 26	1/4/02	13:54	34-38	.C22	water	1cc
Loc 26	1/4/02	14:08	34-38	.C23	water	0.1cc
TCE std	1/4/02	14:56		.C24	gas	1cc 10ppm
DCE std	1/4/02	15:01		.C25	gas	1cc 1ppm
Blank	1/4/02	15:05		.C26	gas	1cc
Loc 26	1/4/02	15:51	45-49	.C27	water	1cc
Error	1/7/02	9:25		.C28		
Blank	1/7/02	9:37		.C29	gas	1cc
TCE std	1/7/02	9:52		.C30	gas	1cc 10ppm
DCE std	1/7/02	9:57		.C31	gas	1cc 1ppm
BTEX std	1/7/02	10:03		.C32	gas	1cc 10ppm
Loc 22	1/7/02	10:34	9	.C33	soil	1cc 3.10g
Loc 22	1/7/02	11:00	28-32	.C34	water	1cc
Loc 21	1/7/02	11:14	44-48	.C35	water	1cc
Loc 21	1/7/02	11:21	44-48	.C36	water	10uL
Loc 21	1/7/02	11:27	56-60	.C37	water	1cc
Loc 21	1/7/02	11:42	56-60	.C38	water	10uL
Loc 22	1/7/02	13:54	33-36	.C39	water	1cc
Loc 22	1/7/02	14:20	33-36	.C40	water	0.1cc
TCE std	1/7/02	16:17		.C41	gas	1cc 10ppm
DCE std	1/7/02	16:23		.C42	gas	1cc 1ppm
Blank	1/7/02	16:30		.C43	gas	1cc
Loc 22	1/7/02	16:44	56-60	.C44	water	1cc
Loc 22	1/7/02	17:00	56-60	.C45	water	0.1cc
Error	1/8/02	8:30		.C46		
Blank	1/8/02	8:41		.C47	gas	1cc
TCE std	1/8/02	8:57		.C48	gas	1cc 10ppm
DCE std	1/8/02	9:04		.C49	gas	1cc 1ppm
BTEX std	1/8/02	9:12		.C50	gas	1cc 10ppm
Loc 28	1/8/02	9:48	9	.C51	soil	1cc 4.45g
Loc 28	1/8/02	10:16	24-28	.C52	water	1cc
Loc 28	1/8/02	10:33	24-28	.C53	water	0.1cc
Loc 28	1/8/02	10:38	24-28	.C54	water	0.1cc
Loc 27	1/8/02	10:45	3	.C55	soil	1cc 3.43g
Loc 27	1/8/02	10:58	27.5-31.5	.C56	water	1cc
Loc 27	1/8/02	11:13	27.5-31.5	.C57	water	0.1cc
DCE std	1/8/02	12:48		.C58	gas	1cc 1ppm
Loc 27	1/8/02	12:57	35-39	.C59	water	1cc
Loc 27	1/8/02	13:12	35-39	.C60	water	0.1cc
Loc 28	1/8/02	13:16	40-44	.C61	water	1cc
Loc 28	1/8/02	13:38	40-44	.C62	water	10uL
Loc 28	1/8/02	13:44	40-44	.C63	water	0.1cc
TCE std	1/8/02	15:21		.C65	gas	1cc 10ppm
TCE std	1/8/02	15:25		.C66	gas	1cc 10ppm
Loc 28	1/8/02	15:29	51-55	.C67	water	1cc
Loc 28	1/8/02	15:50	51-55	.C68	water	0.1cc
Loc 27	1/8/02	15:55	60-64	.C69	water	1cc
Blank	1/9/02	8:02		.C70	gas	1cc
TCE std	1/9/02	8:14		.C71	gas	1cc 10ppm

TCE std	1/9/02	8:25		.C72	gas	1cc 10ppm
DCE std	1/9/02	8:32		.C73	gas	1cc 1ppm
Loc 12	1/9/02	8:42	1.5	.C74	soil	1cc 1.57g
Loc 12	1/9/02	8:56	9	.C75	soil	1cc 1.35g
Loc 12	1/9/02	9:10	9	.C76	soil	1cc 1.35g
Loc 12	1/9/02	9:27	26	.C77	soil	1cc 2.86g
DCE std	1/9/02	9:55		.C78	gas	1cc 1ppm
Loc 23	1/9/02	10:03	9	.C79	soil	1cc 4.60g
Loc 23	1/9/02	10:17	23-27	.C80	water	1cc
Loc 23	1/9/02	10:35	23-27	.C81	water	0.1cc
Loc 12	1/9/02	10:41	1.5	.C82	soil	1cc 3.37g
Loc 13	1/9/02	10:45	1.5	.C83	soil	1cc 2.34g
Loc 13	1/9/02	11:01	1.5	.C84	soil	0.1cc 2.34g
Loc 12	1/9/02	11:10	9	.C85	soil	1cc 3.85g
Loc 13	1/9/02	11:25	20.5	.C86	soil	1cc 4.30g
Loc 23	1/9/02	13:27	37-41	.C87	water	1cc
Loc 23	1/9/02	13:59	37-41	.C88	water	1cc
Loc 15	1/9/02	14:34	16	.C89	soil	1cc 3.45g
Loc 15	1/9/02	14:47	16	.C90	soil	1cc 3.45g
TCE std	1/9/02	14:50		.C91	gas	1cc 10ppm
TCE std	1/9/02	14:54		.C92	gas	1cc 10ppm
DCE std	1/9/02	15:00		.C93	gas	1cc 1ppm
Blank	1/9/02	15:05		.C94	gas	1cc
Blank	1/10/02	14:52		ALDOTE.C01	gas	1cc
TCE std	1/10/02	15:12		.C02	gas	1cc 10ppm
DCE std	1/10/02	15:19		.C03	gas	1cc 1ppm
BTEX std	1/10/02	15:25		.C04	gas	1cc 10ppm
Loc 23	1/10/02	16:00	50-54	.C05	water	1cc
Loc 23	1/10/02	17:14	60-64	.C06	water	1cc
TCE std	1/10/02	17:30		.C07	gas	1cc 10ppm
Blank	1/11/02	10:22		.C08	gas	1cc
TCE std	1/11/02	10:45		.C09	gas	1cc 10ppm
DCE std	1/11/02	11:10		.C10	gas	1cc 1ppm
Loc 24	1/11/02	11:13	26.5-30.5	.C11	water	1cc
Loc 24	1/11/02	11:27	26.5-30.5	.C12	water	0.1cc
Loc 24	1/11/02	11:31	10	.C13	soil	1cc
Loc 24	1/11/02	13:49	42-46	.C14	water	1cc
TCE std	1/11/02	16:53		.C15	gas	1cc 10ppm
Blank	1/11/02	16:57		.C16	gas	1cc
Loc 24	1/11/02	17:47	59-63	.C17	water	1cc
Blank	1/14/02	10:27		.C18	gas	1cc
TCE std	1/14/02	11:02		.C20	gas	1cc 10ppm
DCE std	1/14/02	11:07		.C21	gas	1cc 1ppm
Loc 25	1/14/02	11:10	9	.C22	soil	1cc 4.77g
Loc 25	1/14/02	11:29	28-32	.C23	water	1cc
Loc 25	1/14/02	14:43	39.5-43.5	.C24	water	1cc
Loc 25 dup	1/14/02	15:07	39.5-43.5	.C25	water	1cc
Error	1/14/02			.C26		
TCE std	1/14/02	17:23		.C27	gas	1cc 10ppm
Blank	1/15/02	9:00		.C28	gas	1cc

TCE std	1/15/02	9:12	.C29	gas	1cc 10ppm bad inj.
TCE std	1/15/02	9:17	.C30	gas	1cc 10ppm
DCE std	1/15/02	9:22	.C31	gas	1cc 1ppm
Loc 30	1/15/02	10:22 9	.C32	soil	error
Loc 30	1/15/02	10:29 9	.C33	soil	1cc 3.77g
Loc 30	1/15/02	10:45 18-22	.C34	water	1cc
Loc 29	1/15/02	11:02 9	.C35	soil	1cc 9.22g
Loc 29	1/15/02	13:03 25.5-29.5	.C36	water	1cc
Loc 29	1/15/02	13:16 25.5-29.5	.C37	water	0.1cc
Loc 30	1/15/02	13:23 24-25.5	.C38	water	1cc
Loc 30	1/15/02	13:34 24-25.5	.C39	water	0.1cc
Loc 30	1/15/02	13:39 24-25.5	.C40	water	0.1cc
Loc 29	1/15/02	13:46 38.5-42.5	.C41	water	1cc
Loc 29	1/15/02	13:59 38.5-42.5	.C42	water	0.1cc
Loc 30	1/15/02	14:04 27.5-31.5	.C43	water	1cc
Loc 30	1/15/02	14:23 27.5-31.5	.C44	water	10uL
Blank	1/15/02	14:29	.C45	gas	1cc
DCE std	1/15/02	14:46	.C46	gas	1cc 1ppm
BTEX std	1/15/02	14:51	.C47	gas	1cc 10ppm
TCE std	1/15/02	15:09	.C48	gas	1cc 10ppm
Loc 30	1/15/02	16:36 40-44	.C49	water	1cc
Loc 30	1/15/02	16:57 40-44	.C50	water	0.1cc
Loc 29	1/15/02	17:02 56.5-60.5	.C51	water	1cc
Loc 29	1/15/02	17:15 56.5-60.5	.C52	water	0.1cc
Blank	1/16/02	8:42	.C53	gas	1cc
Blank	1/16/02	8:57	.C54	gas	1cc
TCE std	1/16/02	9:04	.C55	gas	1cc 10ppm
TCE std	1/16/02	9:09	.C56	gas	1cc 10ppm
DCE std	1/16/02	10:00	.C57	gas	1cc 1ppm
Loc 2R	1/16/02	10:32 50-54	.C58	water	1cc
Loc 2R	1/16/02	11:07 50-54	.C59	water	10uL
Loc 2R	1/16/02	12:36 46-50	.C60	water	1cc
Loc 2R	1/16/02	12:58 46-50	.C61	water	10uL
Loc 2R	1/16/02	13:03 42-46	.C62	water	1cc
Loc 2R	1/16/02	13:25 42-46	.C63	water	10uL
Error	1/16/02		.C64		
Loc 2R	1/16/02	13:47 38-42	.C65	water	1cc
Loc 2R	1/16/02	14:19 38-42	.C66	water	10uL
TCE std	1/16/02	14:33	.C67	gas	1cc 10ppm
DCE std	1/16/02	14:39	.C68	gas	1cc 1ppm
DCE std	1/16/02	14:45	.C69	gas	1cc 1ppm
Blank	1/16/02	14:50	.C70	gas	1cc
Loc 2R	1/16/02	14:55 34-38	.C71	water	1cc
Loc 2R	1/16/02	15:13 34-38	.C72	water	10uL
Loc 2R	1/16/02	15:21 34-38	.C73	water	10uL
Loc 2R	1/16/02	15:25 31-34	.C74	water	1cc
Loc 2R	1/16/02	15:39 31-34	.C75	water	0.1cc
Loc 25	1/16/02	15:46 58-62	.C76	water	1cc
Loc 2R	1/16/02	16:00 29-31	.C77	water	1cc
Loc 2R	1/16/02	16:15 29-31	.C78	water	0.1cc

Loc 2R	1/16/02	16:20 27-29	.C79	water	1cc
Loc 2R	1/16/02	16:33 27-29	.C80	water	0.1cc
Loc 2R	1/16/02	16:39 24-27	.C81	water	1cc
Loc 2R	1/16/02	16:53 24-27	.C82	water	0.1cc
Blank	1/17/02		.C00	gas	1cc
TCE std	1/17/02	9:28	ALDOTF.C01	gas	1cc 10ppm
DCE std	1/17/02	9:35	.C02	gas	1cc 1ppm
Loc 9R	1/17/02	10:05 58-62	.C03	water	1cc
Loc 9R	1/17/02	11:11 54-58	.C04	water	1cc
Loc 9R	1/17/02	11:28 54-58	.C05	water	10uL
Loc 9R	1/17/02	11:33 54-58	.C06	water	0.1cc
Loc 9R	1/17/02	12:57 50-54	.C07	water	1cc
Loc 9R	1/17/02	13:11 50-54	.C08	water	0.1cc
TCE std	1/17/02	13:16	.C09	gas	1cc 10ppm
Loc 9R	1/17/02	13:58 46-50	.C10	water	1cc
Loc 9R	1/17/02	14:14 46-50	.C11	water	10uL
Loc 9R	1/17/02	14:59 42-46	.C12	water	1cc
Loc 9R	1/17/02	15:13 42-46	.C13	water	10uL
Loc 9R	1/17/02	15:55 38-42	.C14	water	1cc
Loc 9R	1/17/02	16:09 38-42	.C15	water	10uL
Loc 9R	1/17/02	16:32 34-38	.C16	water	1cc
Loc 9R	1/17/02	16:46 34-38	.C17	water	10uL
Loc 9R	1/17/02	16:57 30-34	.C18	water	1cc
Loc 9R	1/17/02	17:12 30-34	.C19	water	10uL
Loc 9R	1/17/02	17:23 26-30	.C20	water	1cc
Loc 9R	1/17/02	17:36 26-30	.C21	water	0.1cc
TCE std	1/17/02	17:41	.C22	gas	1cc 10ppm
DCE std	1/17/02	17:45	.C23	gas	1cc 1ppm
Blank	1/17/02	17:49	.C24	gas	1cc
Blank	1/18/02	9:14	.C25	gas	1cc
TCE std	1/18/02	9:33	.C26	gas	1cc 10ppm
TCE std	1/18/02	9:38	.C27	gas	0.5cc 10ppm
DCE std	1/18/02	9:44	.C28	gas	1cc 1ppm
BTEX std	1/18/02	9:50	.C29	gas	1cc 10ppm
Loc 31	1/18/02	10:44 9	.C30	soil	1cc 7.89g
Error	1/18/02		.C31		
Loc 31	1/18/02	11:24 22-26	.C32	water	1cc
Loc 31	1/18/02	11:44 22-26	.C33	water	0.1cc
Loc 31	1/18/02	11:49 26-30	.C34	water	1cc
Loc 31	1/18/02	12:32 26-30	.C35	water	0.1cc
Loc 31	1/18/02	12:48 15.5	.C36	soil	1cc 3.89g
Loc 31	1/18/02	13:15 15.5	.C37	soil	10uL 3.89g
Loc 31	1/18/02	13:29 30-34	.C38	water	1cc
Loc 31	1/18/02	13:46 30-34	.C39	water	0.1cc
BTEX std	1/18/02	13:53	.C40	gas	1cc 10ppm
Loc 31	1/18/02	14:09 30-34	.C41	water	0.5cc
Loc 31	1/18/02	14:15 34-38	.C42	water	1cc
Loc 31	1/18/02	14:30 38-42	.C43	water	1cc
Loc 31	1/18/02	15:16 42-46	.C44	water	1cc
TCE std	1/18/02	15:36	.C45	gas	1cc 10ppm

DCE std	1/18/02	15:41	.C46	gas	1cc 1ppm
Blank	1/18/02	15:45	.C47	gas	1cc
Loc 31	1/18/02	15:56 46-49.5	.C48	water	1cc
Blank	1/21/02	9:54	.C49	gas	1cc
TCE std	1/21/02	10:10	.C50	gas	1cc 10ppm
DCE std	1/21/02	10:19	.C51	gas	1cc 1ppm
BTEX std	1/21/02	10:25	.C52	gas	1cc 10ppm
Loc 32	1/21/02	10:44 18.5	.C53	soil	1cc 3.91g
Loc 32	1/21/02	11:04 26-30	.C54	water	1cc
Loc 32	1/21/02	11:23 26-30	.C55	water	0.1cc
Loc 32 dup	1/21/02	11:27 26-30	.C56	water	0.1cc
Loc 32	1/21/02	11:33 30-34	.C57	water	1cc
Loc 32	1/21/02	12:22 30-34	.C58	water	0.1cc
Loc 32	1/21/02	12:30 34-38	.C59	water	1cc
Loc 32	1/21/02	12:45 34-38	.C60	water	0.1cc
Loc 32	1/21/02	13:25 38-42	.C61	water	1cc
Loc 32	1/21/02	13:39 38-42	.C62	water	0.1cc
Loc 32	1/21/02	13:46 42-46	.C63	water	1cc
Loc 32	1/21/02	14:09 46-50	.C64	water	1cc
TCE std	1/21/02	14:23	.C65	gas	0.5cc 10ppm
TCE std	1/21/02	14:27	.C66	gas	0.5cc 10ppm
Loc 32	1/21/02	15:05 50-54	.C67	water	1cc
Loc 32	1/21/02	15:48 54-58	.C68	water	1cc
Loc 32	1/21/02	16:24 58-62	.C69	water	1cc
TCE std	1/21/02	16:43	.C70	gas	1cc 10ppm
Blank	1/21/02	16:48	.C71	gas	1cc
Loc 32	1/21/02	16:57 62-66	.C72	water	1cc
Blank	1/22/02	10:01	.C73	gas	1cc
TCE std	1/22/02	10:26	.C74	gas	1cc 10ppm
DCE std	1/22/02	10:32	.C75	gas	1cc 1ppm
Loc 33	1/22/02	10:37 3.5	.C76	soil	1cc 3.82g
Loc 33	1/22/02	10:56 18-22	.C77	water	1cc
Loc 33	1/22/02	11:26 22-26	.C78	water	1cc
Loc 33	1/22/02	13:03 26-30	.C79	water	1cc
Loc 33	1/22/02	13:22 26-30	.C80	water	0.1cc
Loc 33	1/22/02	13:27 30-34	.C81	water	1cc
Loc 33	1/22/02	13:43 30-34	.C82	water	0.1cc
Loc 33	1/22/02	14:21 30-34	.C83	water	0.1cc
Loc 33	1/22/02	14:27 34-38	.C84	water	1cc
Loc 33	1/22/02	14:50 34-38	.C85	water	0.1cc
Loc 33	1/22/02	14:55 38-42	.C86	water	1cc
Loc 33 dup	1/22/02	15:09 38-42	.C87	water	1cc
Loc 33	1/22/02	15:16 42-46	.C88	water	1cc
TCE std	1/22/02	15:31	.C89	gas	1cc 10ppm
Blank	1/22/02	15:35	.C90	gas	1cc
Blank	1/23/02	10:37	ALDOTG.C01	gas	1cc
TCE std	1/23/02	10:50	.C02	gas	1cc 10ppm
TCE std	1/23/02	10:55	.C03	gas	1cc 10ppm
DCE std	1/23/02	10:59	.C04	gas	1cc 1ppm
DCE std	1/23/02	11:02	.C05	gas	1cc 1ppm

Loc 34	1/23/02	11:07 9	.C06	soil	1cc 4.54g
Loc 34	1/23/02	11:21 12-16'	.C07	water	1cc
Loc 34	1/23/02	11:34 16-20	.C08	water	1cc
Loc 34	1/23/02	12:39 20-24	.C09	water	1cc
Loc 34	1/23/02	12:56 20-24	.C10	water	0.1cc bad inj.
Loc 34	1/23/02	13:00 20-24	.C11	water	0.1cc
Loc 34	1/23/02	13:06 24-28	.C12	water	1cc
Loc 34	1/23/02	13:19 24-28	.C13	water	0.1cc
Loc 34	1/23/02	14:02 28-32	.C14	water	1cc
Loc 34	1/23/02	14:16 28-32	.C15	water	0.1cc bad inj.
Loc 34	1/23/02	14:20 28-32	.C16	water	0.1cc
Loc 34	1/23/02	14:25 32-36	.C17	water	1cc
Loc 34	1/23/02	14:45 32-36	.C18	water	0.1cc
Error	1/23/02		.C19		
Loc 34	1/23/02	14:51 32-36	.C20	water	0.1cc
Loc 34 dup	1/23/02	14:55 32-36	.C21	water	0.1cc
Loc 34	1/23/02	14:59 36-40	.C22	water	1cc
Loc 34	1/23/02	15:45 40-44	.C23	water	1cc
TCE std	1/23/02	16:00	.C24	gas	1cc 10ppm
Blank	1/23/02	16:04	.C25	gas	1cc
Loc 34	1/23/02	16:43 44-48	.C26	water	1cc
Blank	1/24/02	9:01	.C27	gas	1cc
TCE std	1/24/02	9:19	.C28	gas	1cc 10ppm
TCE std	1/24/02	9:23	.C29	gas	1cc 10ppm
TCE std	1/24/02	9:38	.C30	gas	0.5cc 10ppm
DCE std	1/24/02	9:43	.C31	gas	1cc 1ppm
Loc 36	1/24/02	9:48 9	.C32	soil	1cc 4.01g
Loc 36	1/24/02	10:03 18-22	.C33	water	1cc
Loc 36	1/24/02	10:27 22-26	.C34	water	1cc
Loc 36	1/24/02	10:35 22-26	.C35	water	1cc
Loc 36	1/24/02	10:52 22-26	.C36	water	0.1cc
Error	1/24/02		.C37		
Loc 36	1/24/02	11:01 22-26	.C38	water	0.1cc
Loc 36	1/24/02	11:06 26-30	.C39	water	1cc
Loc 36	1/24/02	11:19 26-30	.C40	water	0.1cc
Loc 36	1/24/02	11:24 30-34	.C41	water	1cc
Loc 36	1/24/02	11:41 30-34	.C42	water	0.1cc
Loc 36	1/24/02	11:57 34-38	.C43	water	1cc
Loc 36	1/24/02	13:08 34-38	.C44	water	0.1cc
Loc 36	1/24/02	13:13 38-42	.C45	water	1cc
Loc 36	1/24/02	14:23 42-46	.C46	water	1cc
Loc 36	1/24/02	14:39 42-46	.C47	water	0.1cc
TCE std	1/24/02	16:24	.C48	gas	0.5cc 10ppm
TCE std	1/24/02	16:38	.C49	gas	0.5cc 10ppm
Loc 36	1/24/02	16:43 46-50	.C50	water	1cc
Loc 36 dup	1/24/02	16:57 46-50	.C51	water	1cc
Loc 36	1/24/02	17:06 50-54	.C52	water	1cc
Loc 36	1/24/02	17:55 56-60	.C53	water	1cc
BTEX std	1/25/02	8:22	.C54	gas	1cc 10ppm
BTEX std	1/25/02	8:42	.C55	gas	1cc 10ppm

Log Sheet

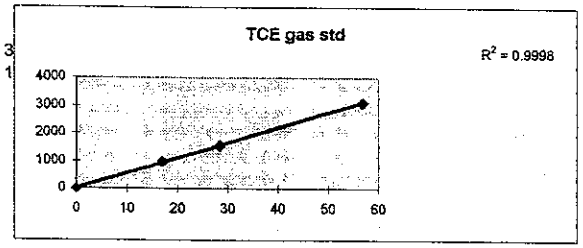
TCE std	1/25/02	8:56	.C56	gas	1cc 10ppm
TCE std	1/25/02	9:00	.C57	gas	0.5cc 10ppm
TCE std	1/25/02	9:04	.C58	gas	0.7cc 10ppm
DCE std	1/25/02	9:12	.C59	gas	1cc 1ppm
BTEX std	1/25/02	9:32	.C60	gas	1cc 10ppm
Blank	1/25/02	9:35	.C61	gas	1cc
Loc 35	1/25/02	9:57 9	.C62	soil	1cc 3.79g
Loc 35	1/25/02	10:11 16-20	.C63	water	1cc
Loc 35	1/25/02	10:28 20-24	.C64	water	1cc
Error	1/25/02	10:41	.C65		
Loc 35	1/25/02	10:46 24-28	.C66	water	1cc
Loc 35	1/25/02	11:15 28-32	.C67	water	1cc
Loc 35	1/25/02	11:37 32-36	.C68	water	1cc
Loc 35	1/25/02	12:12 32-36	.C69	water	0.1cc
Loc 35	1/25/02	12:27 36-40	.C70	water	1cc
Loc 35	1/25/02	12:42 36-40	.C71	water	0.1cc
Loc 35	1/25/02	12:46 40-44	.C72	water	1cc
Loc 35	1/25/02	13:17 40-44	.C73	water	0.1cc
Loc 35	1/25/02	13:22 44-48	.C74	water	1cc
Loc 35	1/25/02	13:29 44-48	.C75	water	0.1cc
Loc 35	1/25/02	13:32 44-48	.C76	water	0.1cc
Blank	1/25/02		.C77		

Calibration
Col. Blvd. Plume
11/23/01

TCE

Conc (ug/L)	Area
56.8	3
28.4	1
17.04	
0	

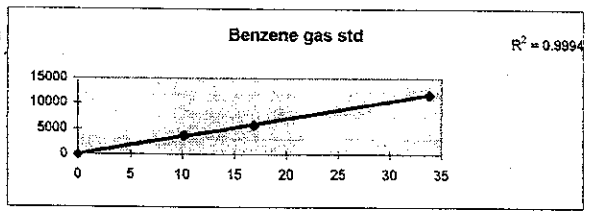
Response Factor 0.01832



Benzene

Conc (ug/L)	Area
33.8	
16.9	
10.14	
0	

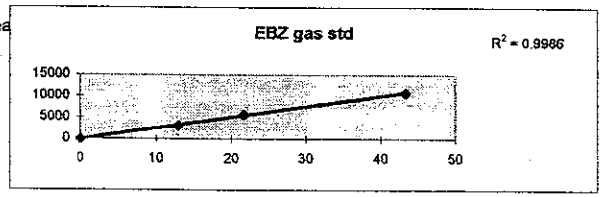
R.F. 0.0029179



EBZ

Conc.(ug/L)	Area
43.33	
21.67	
12.99	
0	

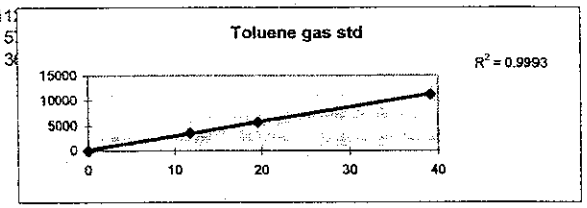
R.F. 0.0040164



Toluene

Conc (ug/L)	Area
39.12	11
19.56	5
11.74	3
0	

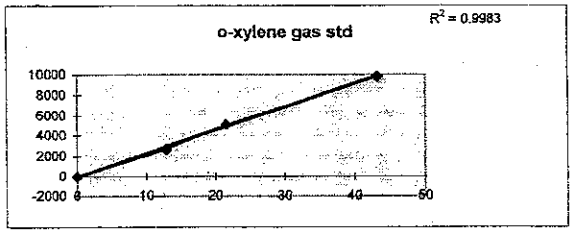
R.F. 0.0034857



o-xyl

Conc (ug/L)	Area
43.12	9827
21.56	5105
12.94	2714
0	

R.F. 0.0043432



Aq. std

TCE

Conc (ug/L)	Area
11.32	362
0	0

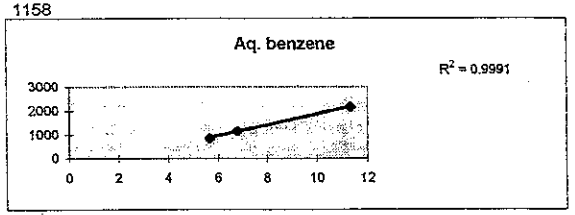
R.F. 0.0312707

Aq. R.F./ Gas R.F.= 1.7

Benzene

Conc (ug/L)	
11.32	2174
6.79	1158
5.66	

R.F. 0.004336



Gas Stds

1,1-DCE

Conc (ug/L)	Area
4.115	275
0	0

0.0149636

1,1-DCA

Conc (ug/L)	Area
4.16	308
0	0

0.013506

cis-DCE

Conc (ug/L)	Area
4.115	287
0	0

0.014338

1,1,1-TCA

Conc (ug/L)	Area
5.826	266
0	0

0.0219023

Perc

Conc (ug/L)	Area
6.97	190
0	0

0.036684

1,2-DCA

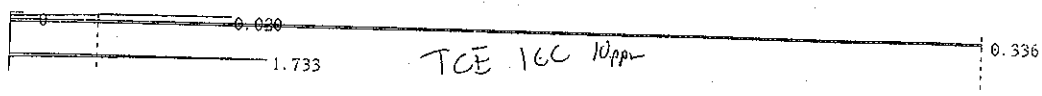
Conc (ug/L)	Area
4.16	346
0	0

0.0120231

MIX 257	Compound	Conc ug/L
10ppm	TCE	56.8
MIX 6675		
1ppm	vinyl chloride	na
	1,1-DCE	4.115
	1,1-dichloroethane	4.16
	cis-1,2-dichloroethene	4.115
	1,1,1-trichloroethane	5.826
	1,2-dichloroethane	4.16
	tetrachloroethylene	6.97
	1,2-dibromoethane	na
MIX 6664		
1ppm	Halocarbon	na
	Methylene Chloride	na
	chloroform	5.165
	carbon tetrachloride	6.85
BTEX		
10ppm	benzene	33.8
	toluene	39.12
	ebz	43.33
	o-xylene	43.12

Liquid

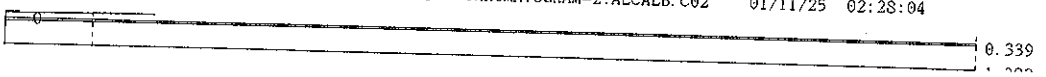
1,1,1-TCA	50ug/ml
1,1-DCA	50ug/ml
1,1-DCE	50ug/ml
CCl4	50ug/ml
ChCl3	50ug/ml
cis-1,2-DCE	50ug/ml
PCE	50ug/ml
TCE	50ug/ml
BTEX	50ug/ml



** CALCULATION REPORT **

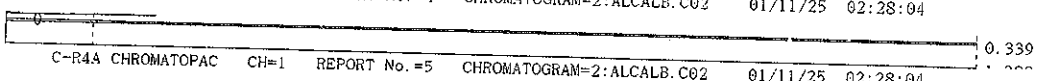
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	622	232				
	2	0.336	590743	407903				
	3	1.733	3190	694		9	35.0867	TCE
	TOTAL		594554	408829			35.0867	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALCALB.C02 01/11/25 02:28:04

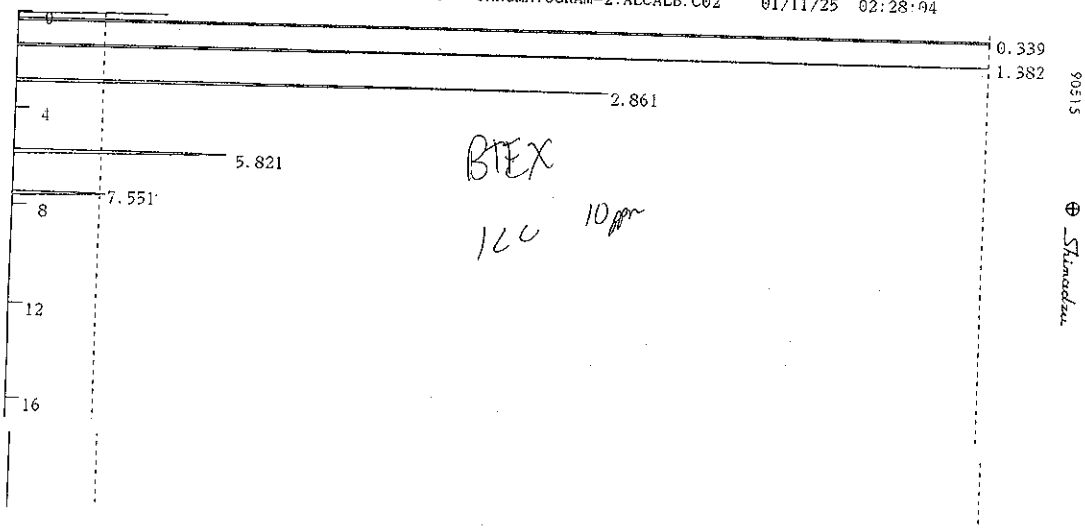


028

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALCALB.C02 01/11/25 02:28:04



C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALCALB.C02 01/11/25 02:28:04

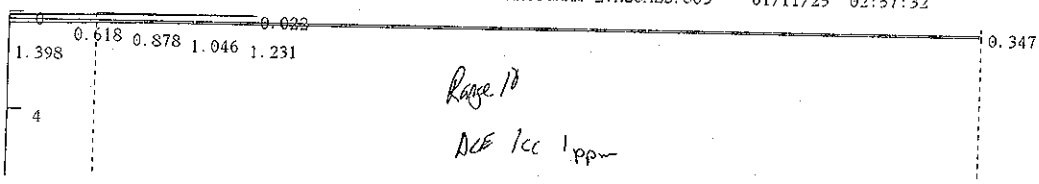


223-02000-12 90515 ⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.339	370378	239778				
	3	1.382	11327	2806				
	4	2.861	9877	1698		6	56.3	C-DCE
	5	5.821	8748	867		14	19.1494	M,P-XYL
	6	7.551	7570	616				o-xyl
	TOTAL		407900	245766			75.4494	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALCALB.C03 01/11/25 02:57:32



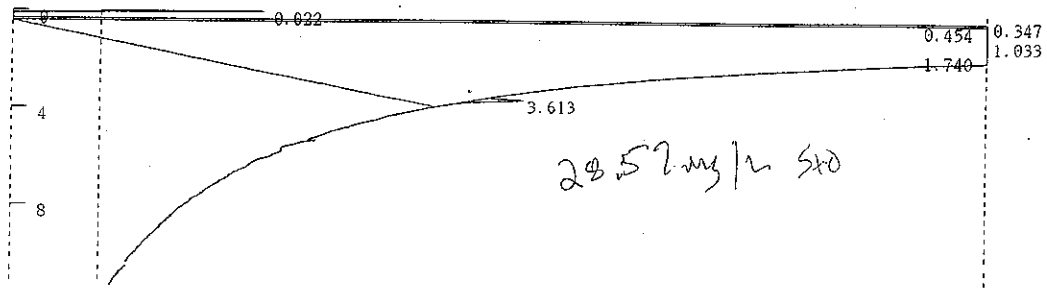
029

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	839	293				
	2	0.347	226075	132926	S			
	3	0.618	320	97	T			
	4	0.878	365	89				
	5	1.046	427	94	V			
	6	1.231	374	71	V	2	0.859	TCFM
	7	1.398	455	105	V	8	0.6184	BENZENE
	TOTAL		228855	133676			1.4775	

223-02000-1

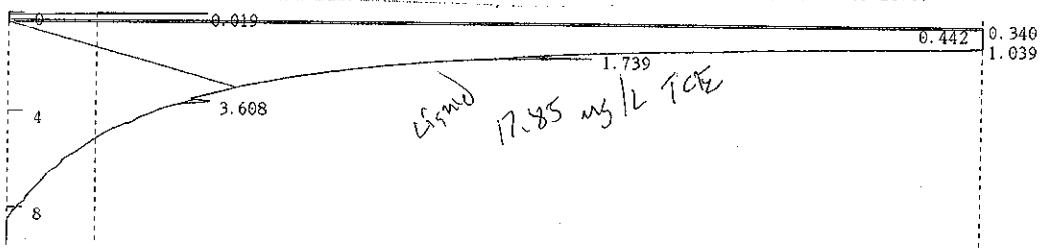
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALCALB.C04 01/11/25 03:11:19



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	783	291				
	2	0.347	920069	744432				
	3	0.454	6978814	1247494	SVE			
	4	1.033	868	217	T			
	5	1.74	1356	313	T	9	14.9105	TCE
	6	3.613	797	107	T	7	6.215	TCA
		TOTAL	7902685	1992855			21.1255	

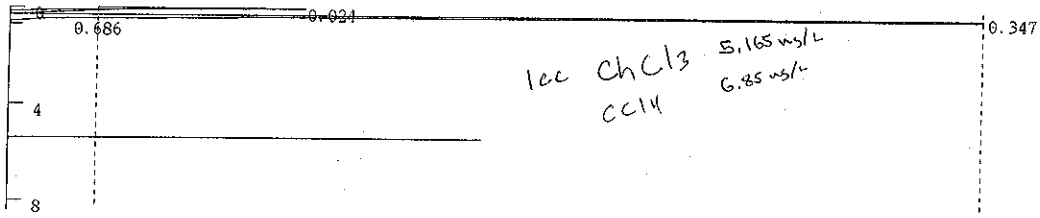
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALCALB.C05 01/11/25 03:28:06



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	466	196				
	2	0.34	1229872	1029214	E			
	3	0.442	4404669	1247098	SVE			
	4	1.039	1074	362	T			
	6	1.739	817	200	T	9	8.9881	TCE
	7	3.608	326	52		7	2.5405	TCA
		TOTAL	5637224	2277121			11.5286	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALCALB.C06 01/11/25 03:44:06



** CALCULATION REPORT **

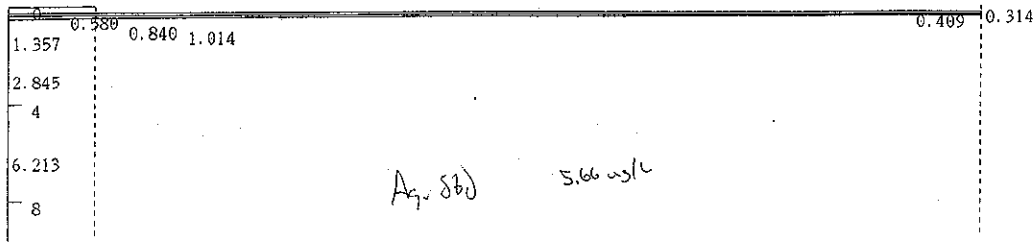
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	1356	374				
	2	0.347	229205	147301	S			
	4	0.686	312	77	T			
		TOTAL	230873	147751			0	

030

-23-02000-12

90515

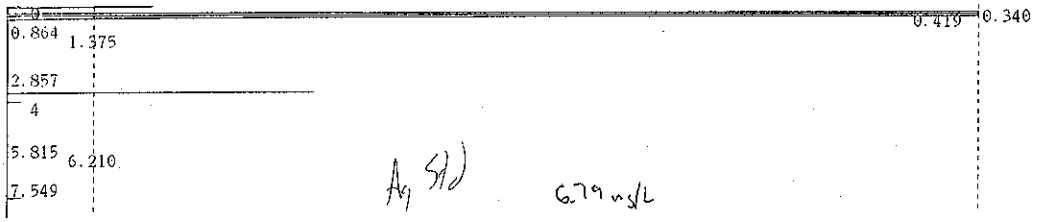
⊕ Stimadex



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.314	691707	457973				
	2	0.409	19047	3970	V			
	3	0.58	3896	480	V			
	4	0.84	1219	193	V			
	5	1.014	589	95	V			
	7	1.357	856	214		8	1.1624	BENZENE
	9	2.845	709	123		10	1.0855	TOLUENE
	10	6.213	654	70				
		TOTAL	718677	463117			2.2479	

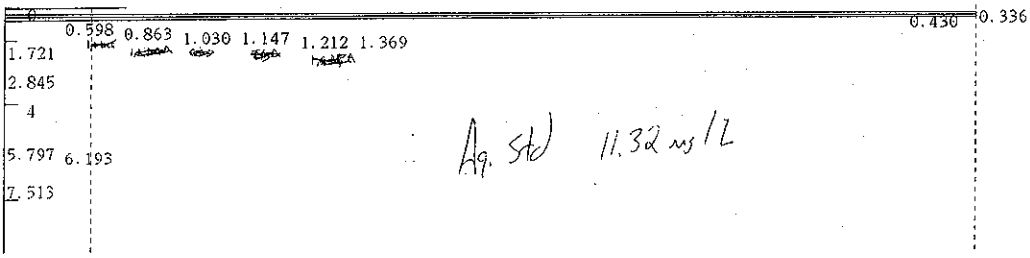
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALCALB.C08 01/11/25 04:06:50



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.34	483982	327374				
	3	0.419	42276	8765	SV			
	5	0.864	323	87	T			
	7	1.375	1158	279		8	1.5726	BENZENE
	9	2.857	1066	185		10	1.6313	TOLUENE
	10	5.815	690	79		13	1.4023	EBZ
	11	6.21	1615	158				
	12	7.549	530	50		15	1.2924	O-XYL
		TOTAL	531639	336977			5.8985	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALCALB.C09 01/11/25 04:18:03

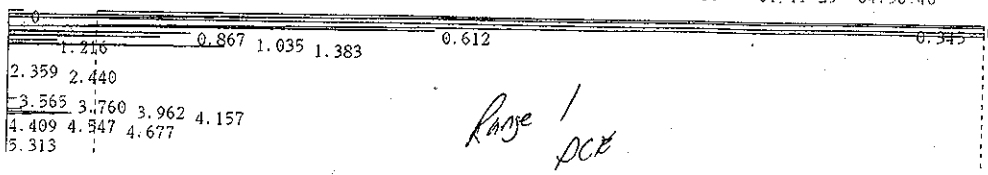


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.336	498259	355174				
	2	0.43	42616	10203	V			
	3	0.598	5678	620	V			
	4	0.863	2489	371	V			
	5	1.03	2058	277	V			
	6	1.147	674	149	V	1	2.0882	VX
	7	1.212	956	160	V	1	2.9648	VX
	8	1.369	2174	450	V	8	2.9519	BENZENE
	9	1.721	362	76		9	3.9776	TCE
	10	2.845	1403	241		10	2.1483	TOLUENE
	11	5.797	905	97		13	1.8388	EBZ
	12	6.193	1882	185				
	13	7.513	705	63		15	1.7181	O-XYL
		TOTAL	560160	368065			17.6876	

031
223-02000-12
90515
⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALCALB.C10 01.11 25 04:36:46

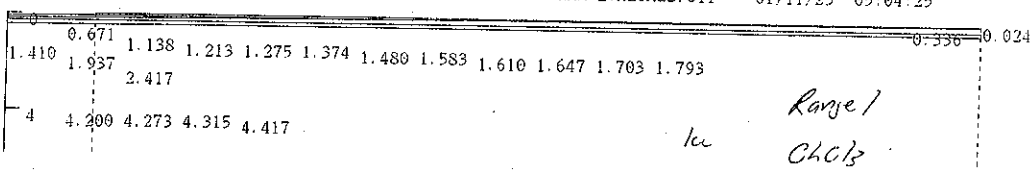


Range 1
DCE

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.031	33527	5732				
	2	0.345	2888573	1250027	S E			
	3	0.612	2723	910	T			
	4	0.867	2737	802	T			
	5	1.035	2659	733	TV			
	7	1.216	2231	500	TV	1	6.9161	VC
	8	1.383	3427	879	TV	8	4.6536	BENZENE
	19	2.359	131	34	V			
	20	2.44	111	29	V			
	32	3.565	2213	295	V	7	17.2622	TCA
	33	3.76	164	38	V			
	34	3.962	631	57	V			
	35	4.157	2911	373	V			
	36	4.409	334	41	V			
	37	4.547	102	21	V			
	38	4.677	144	30	V			
	45	5.313	110	28				
	TOTAL		2942726	1260527			28.8319	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALCALB.C11 01/11/25 05:04:25

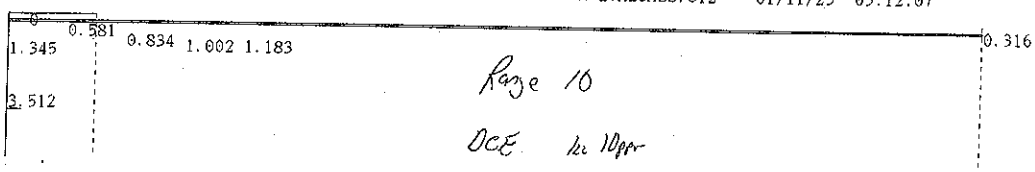


Range 1
in CHCl3

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	10073	3224				
	2	0.336	1981724	1080313	S E			
	3	0.671	2567	628	T			
	8	1.138	1461	306	TV	1	4.5303	VC
	9	1.213	356	166	TV	1	1.1048	VC
	10	1.275	1403	272	TV	2	3.2257	TCFM
	11	1.374	188	100	TV	8	0.2549	BENZENE
	12	1.41	174	85	TV	8	0.2367	BENZENE
	13	1.48	512	76	TV			
	14	1.583	161	76	TV			
	15	1.61	144	70	TV			
	16	1.647	224	67	TV	9	2.4662	TCE
	17	1.703	133	55	TV	9	1.4586	TCE
	19	1.793	225	50	TV	3	1.123	1,1-DCE
	21	1.937	123	31	TV			
	26	2.417	102	35	V			
	43	4.2	116	38				
	44	4.273	249	71	V			
	45	4.315	254	67	V			
	46	4.417	176	40	V			
	TOTAL		2000363	1085768			14.4003	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALCALB.C12 01/11/25 05:12:07



Range 10
DCE in 10ppm

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.316	200617	137284	S			
	2	0.581	270	88	T			
	3	0.834	298	83				
	4	1.002	279	74				
	5	1.183	252	55	V	1	0.7812	VC
	6	1.345	361	87	V	8	0.4901	BENZENE
	7	3.512	174	30		7	1.3549	TCA
	TOTAL		202250	137700			2.6262	

032

033

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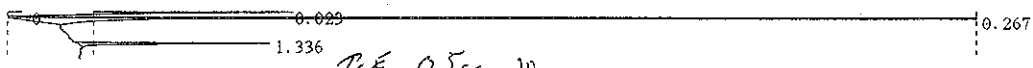
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALCAL.C06 01/11/23 13:37:02

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	1577	421				
	2	0.266	1307032	1038415	E			
	3	1.328	3111	754		2	7.156	TCFM
	TOTAL		1311720	1039590			7.156	

TCE 1.0cc 10ppm

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALCAL.C07 01/11/23 13:43:49

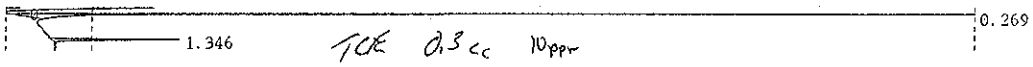


TCE 0.5cc 10ppm

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	2064	365				
	2	0.267	187176	176999				
	3	1.336	1564	438		2	3.596	TCFM
	TOTAL		190803	177801			3.596	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALCAL.C08 01/11/23 13:49:15



TCE 0.3cc 10ppm

** CALCULATION REPORT **

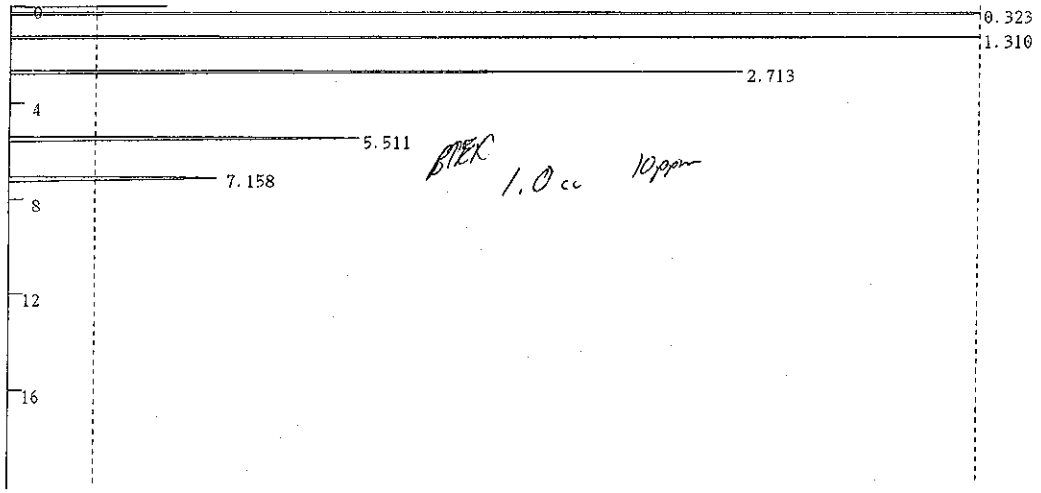
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.269	38725	36216				
	3	1.346	976	292		2	2.2455	TCFM
	TOTAL		39702	36509			2.2455	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALCAL.C09 01/11/23 13:58:04

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	313	132				
	2	0.328	246262	123604				
	3	1.64	3448	681				
	TOTAL		250022	124417			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALCAL.C10 01/11/23 14:10:21



BTEX 1.0cc 10ppm

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.323	424009	289884				
	3	1.31	11642	2919		2	26.7761	TCFM
	4	2.713	11284	1964				
	5	5.511	10720	1117		13	21.7822	BBZ
	6	7.158	9827	812				
	TOTAL		467481	296696			48.5584	

022

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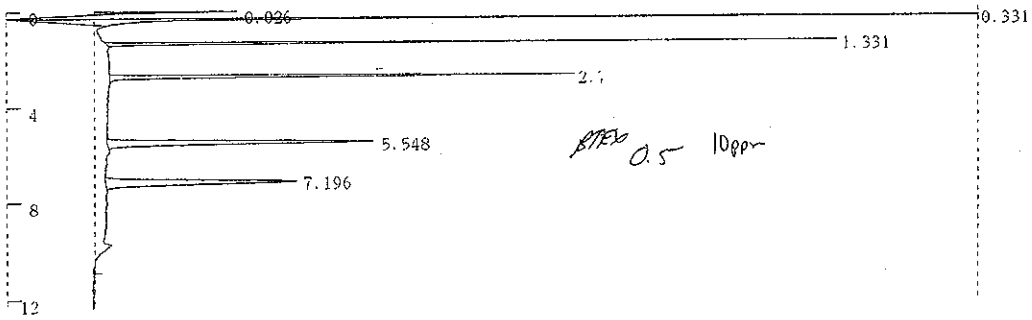
023

223-02000-12

90515

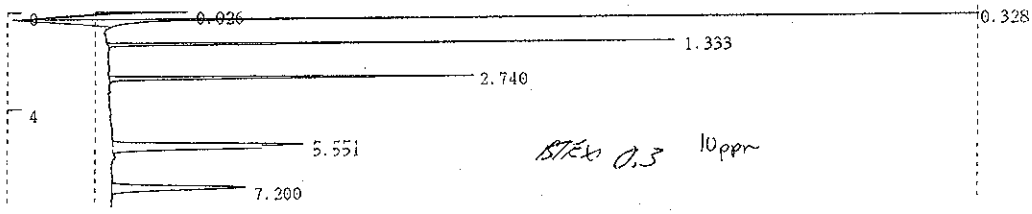
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALCAL.C11 01/11/23 14:38:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1420	259				
	2	0.331	57233	41224				
	3	1.331	5751	1658		2	13.2282	TCFM
	4	2.736	5708	1055				
	5	5.548	5669	601		13	11.5188	EBZ
	6	7.196	5105	435				
		TOTAL	80886	45232			24.747	

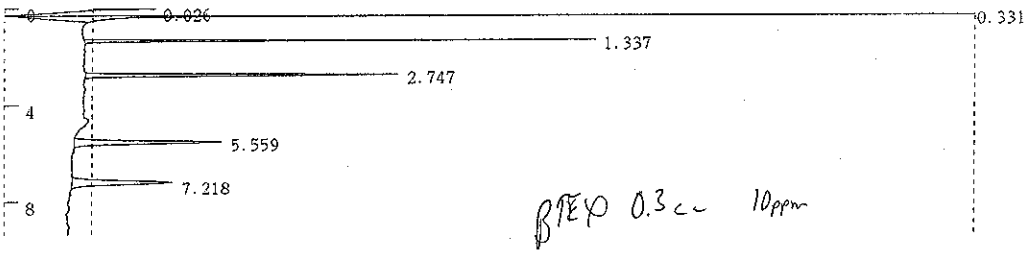
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALCAL.C12 01/11/23 14:52:15



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1076	170				
	2	0.328	19445	13174				
	3	1.333	4237	1289		2	9.7439	TCFM
	4	2.74	4355	828				
	5	5.551	4042	431		13	8.2123	EBZ
	6	7.2	3540	303				
		TOTAL	36694	16195			17.9563	

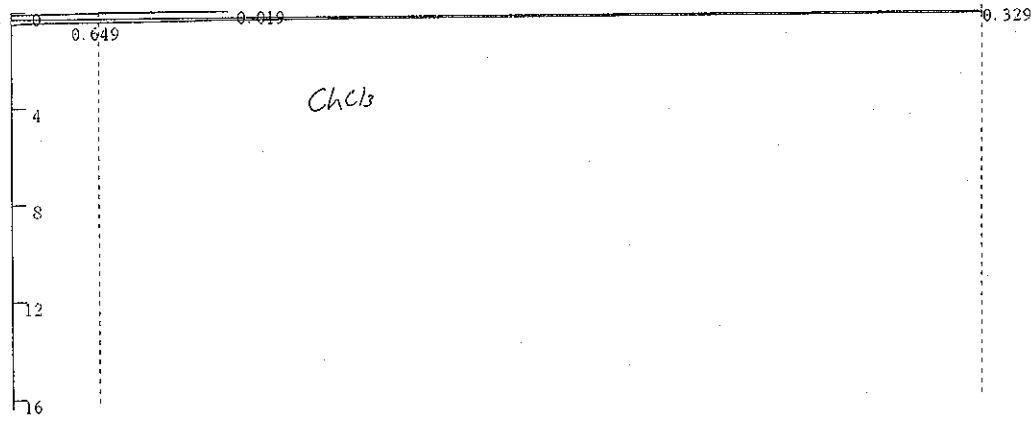
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALCAL.C13 01/11/23 15:16:14



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	334	121				
	2	0.331	15613	10964				
	3	1.337	3699	1163		2	8.5072	TCFM
	4	2.747	3650	712				
		5.559	3130	337		13	6.3602	EBZ
		7.218	2714	231				
		TOTAL	29141	13529			14.8674	

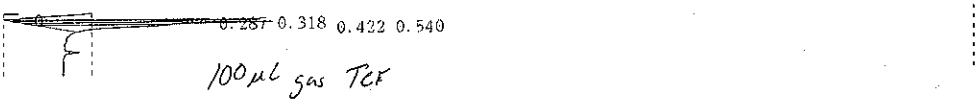
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALCAL.C14 01/11/23 15:36:35



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	564	223				
	2	0.329	246753	160723	S			
	3	0.649	427	108	T			
	TOTAL		247744	161054			0	

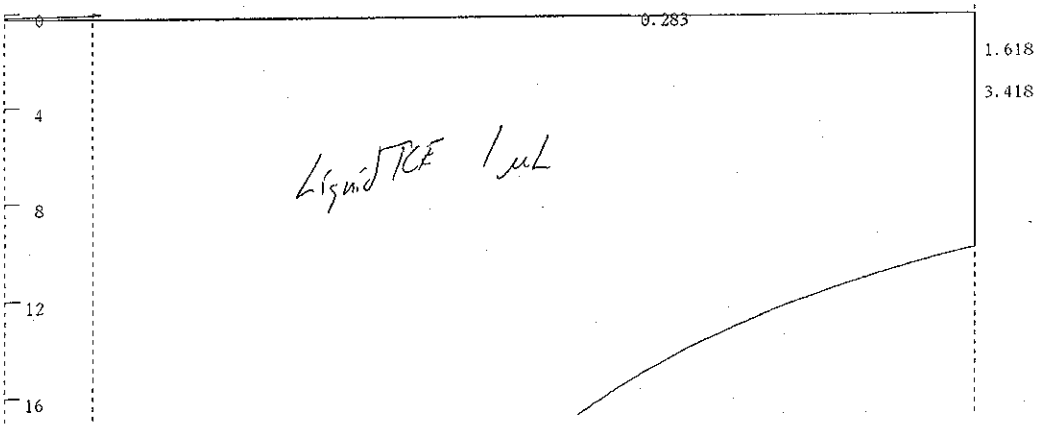
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALCAL.C15 01/11/23 15:58:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.287	953	458				
	2	0.318	2028	562	V			

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALCAL.C16 01/11/23 16:03:38

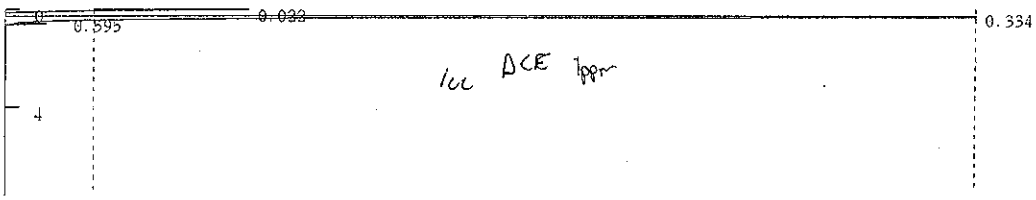


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.283	2317	1276				
	2	1.618	4414	778		9	48.5584	TCE
	3	3.418	5135	592		7	40.0491	TCA
	TOTAL		11866	2646			88.6075	

Range 10.

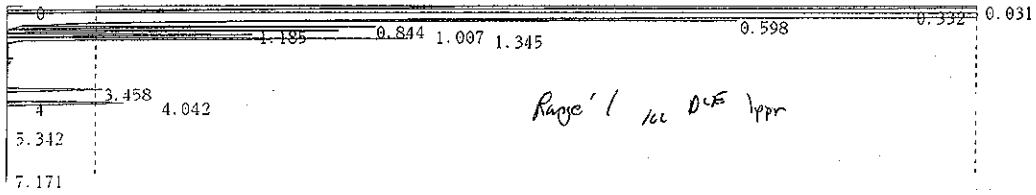
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALCAL.C17 01/11/23 16:50:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	822	286				
	2	0.334	253257	162571	S			
	3	0.595	321	97	T			
	TOTAL		254399	162953			0	

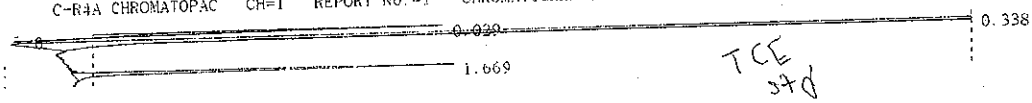
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALCAL.C18 01/11/23 16:59:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.031	30423	5088				
	2	0.332	2848741	1250757	S E			
	3	0.598	3006	1003	T			
	4	0.844	2729	818	T			
	5	1.007	2646	755	T			
	6	1.185	2519	563	TV	1	7.808	VC
	7	1.345	3781	920	TV	2	8.6972	TCFM
	26	3.458	2094	277	S	7	16.3309	TCA
	29	4.042	2918	339	V	10	4.4672	TOLUENE
	37	5.342	386	36	V	13	0.7848	EBZ
	46	7.171	404	47	V			
	TOTAL		2899645	1260603			38.0879	

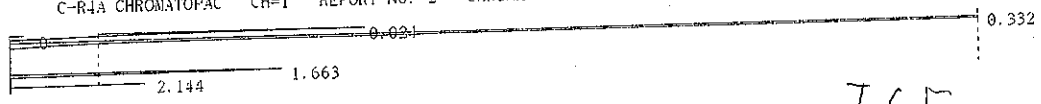
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT.C01 01/12/03 09:08:15



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	3752	675				
	2	0.338	381296	219769	S			
	6	1.669	4316	871	SV	9	47.4738	TCE
	TOTAL		389364	221316			47.4738	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C02 01/12/03 09:11:28



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	1735	472				
	2	0.332	261971	162786	S			
	5	1.663	3241	688		9	35.6455	TCE
	8	2.144	203	372	V			
	TOTAL		267149	164319			35.6455	

027

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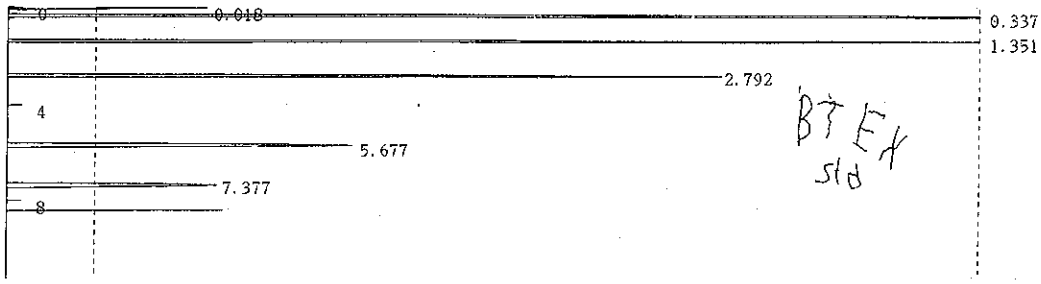


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	485	206				
	2	0.337	118680	64048				
	3	1.351	12257	2769		8	16.6443	BENZENE
	4	2.792	12313	2039		10	18.8509	TOLUENE
	5	5.677	12284	1231		13	24.9607	EBZ
	6	7.377	11196	894		15	27.2963	O-XYL
		TOTAL	167214	71187			87.7522	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C04 01/12/03 10:52:25

** CALCULATION REPORT **

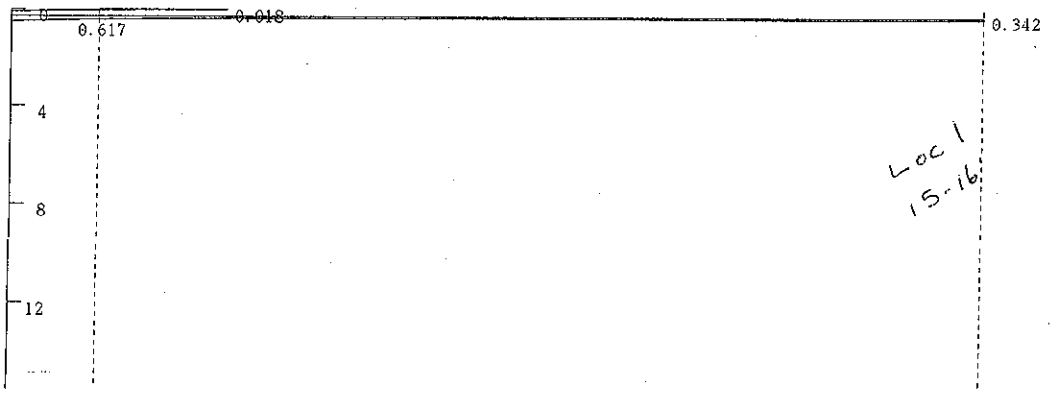
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	1506	478				
	2	0.342	246113	157438	S			
	3	0.604	313	90	T			
	4	0.858	309	78				
	5	1.025	289	75				
	6	1.205	298	64		1	0.9226	VC
	7	1.367	354	82	V	8	0.4809	BENZENE
	8	3.531	201	34		7	1.5686	TCA
		TOTAL	249383	158339			2.972	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT.C05 01/12/03 11:00:52

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	520	213				
	2	0.338	117509	61328	S			
1,1-DCE	3	0.603	275	82	T			
c,t-DCE	4	0.859	308	79	T			
1,1,1-TCA	5	1.027	287	72	T			
1,2-DCA	6	1.2	266	60	TV	1	0.8246	VC
PCE	7	1.364	346	81	TV	8	0.47	BENZENE
	8	3.522	190	32		7	1.4781	TCA
	9	4.108	120	23				
		TOTAL	119820	61970			2.7727	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C06 01/12/03 13:03:54



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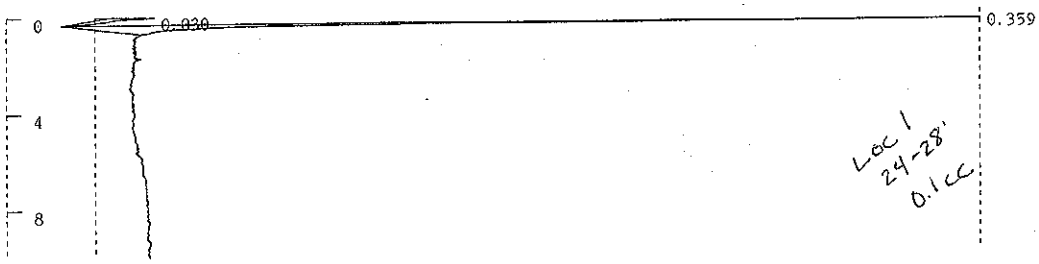
⊕ Shimadzu

** CALCULATION REPORT **

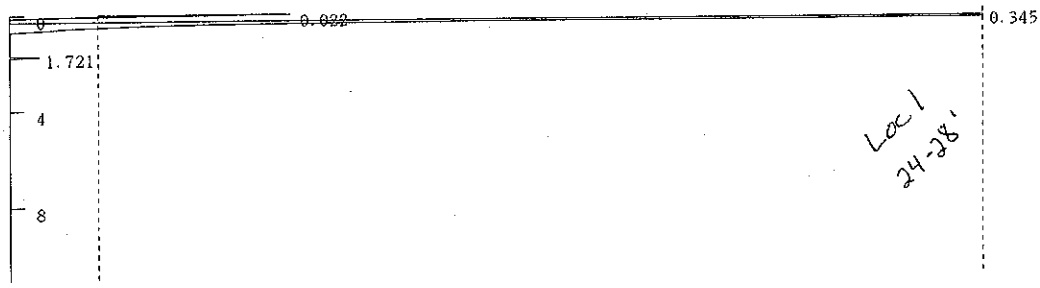
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	545	228				
	2	0.342	307400	220291	S			
	3	0.617	150	43	T			
		TOTAL	308095	220561			0	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	949	115				
	2	0.359	9345	2188	S			
		TOTAL	10293	2304			0	

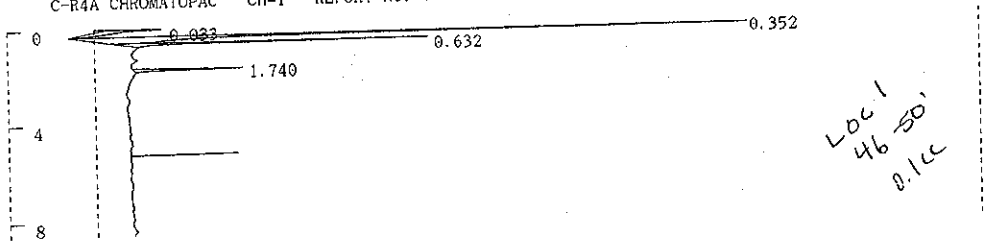
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOT.C08 01/12/03 13:32:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	967	343				
	2	0.345	301108	211103	S			
	4	1.721	778	162		9	8.5547	TCE
		TOTAL	302853	211608			8.5547	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C09 01/12/03 16:47:57

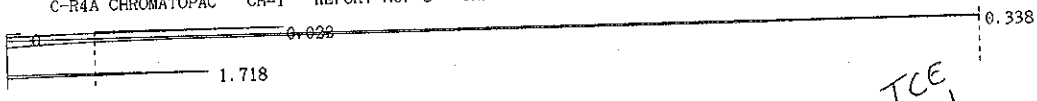


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.033	1086	130				
	2	0.352	6528	1523				
	3	0.632	1954	703	V			
	4	1.74	928	246		9	17 ~~10.2036~~	TCE
		TOTAL	10495	2601			10.2036	

170

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C10 01/12/03 17:05:43



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	939	335				
	2	0.338	161875	114932				
	3	1.718	2397	547		9	26.3648	TCE
		TOTAL	165211	115813			26.3648	

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90515

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	721	277				
	2	0.339	74110	39451				
	3	1.718	3170	665		9	34.8722	TCE
	TOTAL		78000	40394			34.8722	

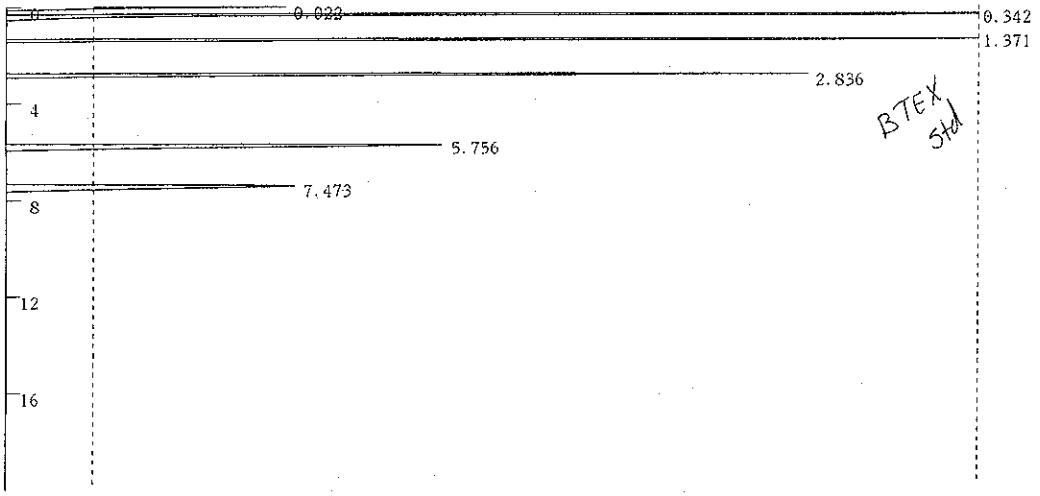
TCE Std

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C11 01/12/03 17:09:07

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	721	277				
	2	0.339	74110	39451				
	3	1.718	3170	665		9	58.0781	TCE
	TOTAL		78000	40394			58.0781	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT.C12 01/12/03 17:15:04

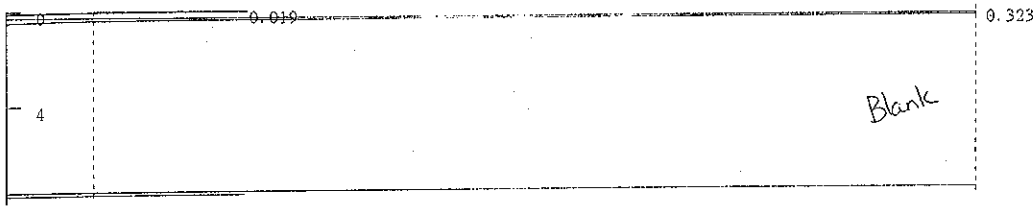


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	965	342				
	2	0.342	75436	41000				
	3	1.371	11961	2823		8	16.2428	BENZENE
	4	2.836	11469	1911		10	17.5596	TOLUENE
	5	5.756	10758	1084		13	21.8594	EBZ
	6	7.473	9381	762		15	22.8716	O-XYL
	TOTAL		119970	47922			78.5335	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT.C13 01/12/04 07:39:16



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** CALCULATION REPORT **

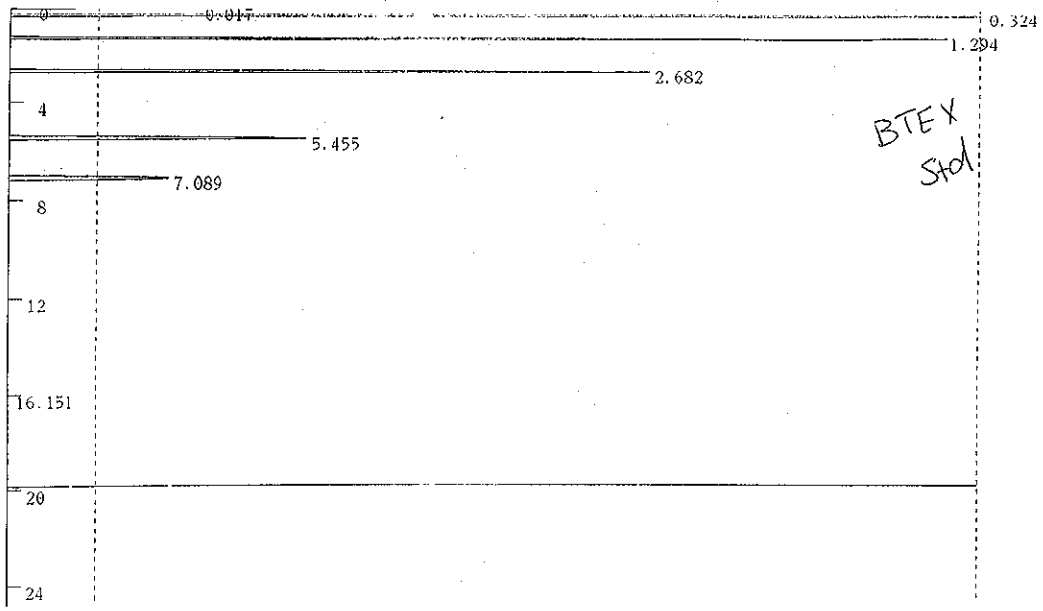
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	651	270				
	2	0.323	759939	521280				
	TOTAL		760590	521550			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C14 01/12/04 07:48:56

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	457	200				
	2	0.322	210830	142320				
	3	1.626	2765	623				
	TOTAL		214052	143144			0	



039

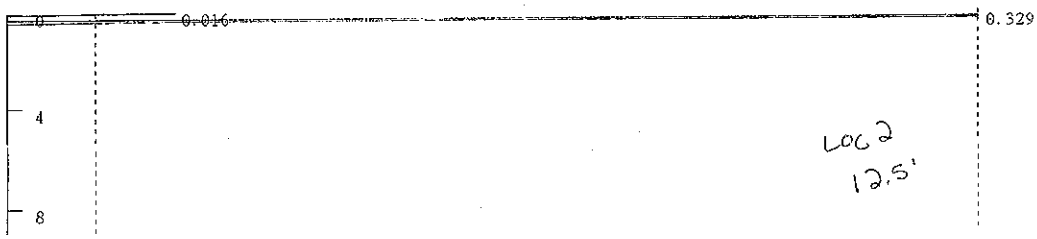
223-02000-12

90

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	437	188				
	2	0.324	129378	66788				
	3	1.294	10712	2503		7	83.5497	TCA
	5	2.682	10733	1820				
	6	5.455	10517	1069				
	7	7.089	9216	755				
	8	16.151	311	20				
		TOTAL	171302	73144			83.5497	

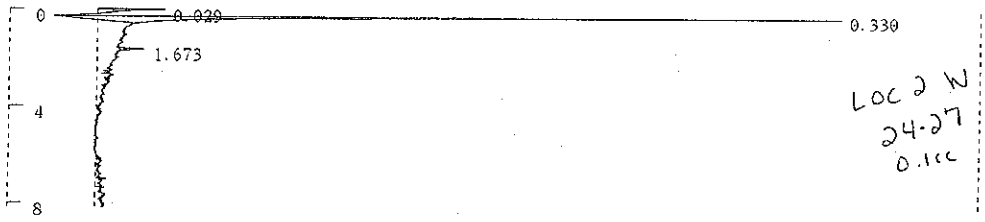
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C16 01/12/04 08:57:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	376	159				
	2	0.329	305385	205038	S			
		TOTAL	305761	205196			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C17 01/12/04 09:18:28



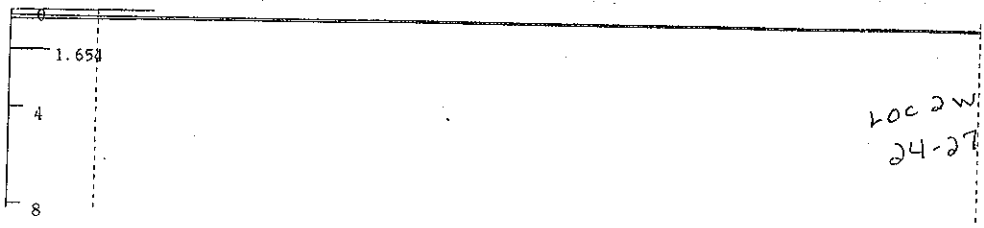
040

223-02000-12

90515

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	375	117				
	2	0.33	6571	1768				
	3	1.673	196	56		9	3.5834	TCE
		TOTAL	7142	1942			3.5834	



Loc 2W
24-27

⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.327	253817	164112				
	2	1.654	2266	476		9	41.5076	TCE
		TOTAL	256083	164588			41.5076	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C19 01/12/04 10:06:46

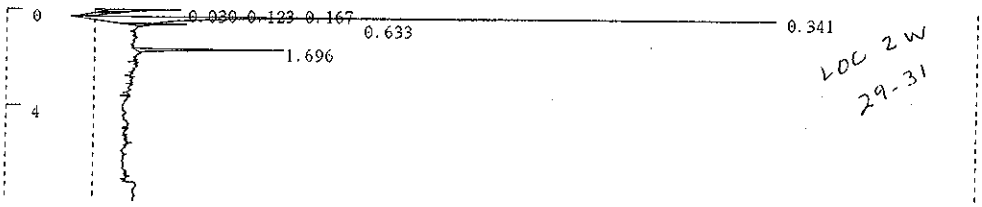
Loc 2W
29.31

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.388	880	225				
		TOTAL	880	225			0	

redo

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C20 01/12/04 10:09:13



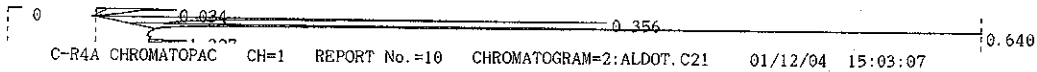
Loc 2W
29.31

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	639	162				
	2	0.123	220	73	V			
	3	0.167	378	69	V			
	4	0.341	6692	1586				
	5	0.633	461	137	V			
	6	1.696	1282	336		9	23.4771	TCE
		TOTAL	9672	2364			23.4771	

041

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOT.C21 01/12/04 15:03:07



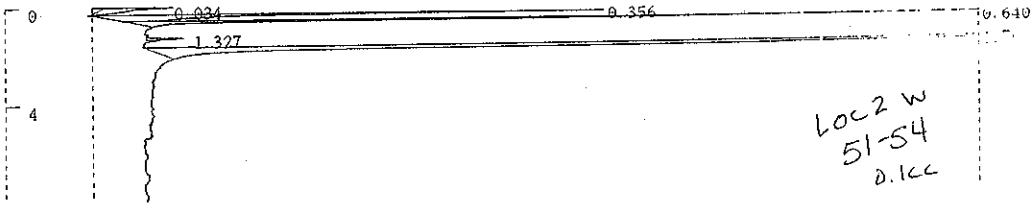
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C21 01/12/04 15:03:07

223-02000-12

90515

⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT.C21 01/12/04 15:03:07

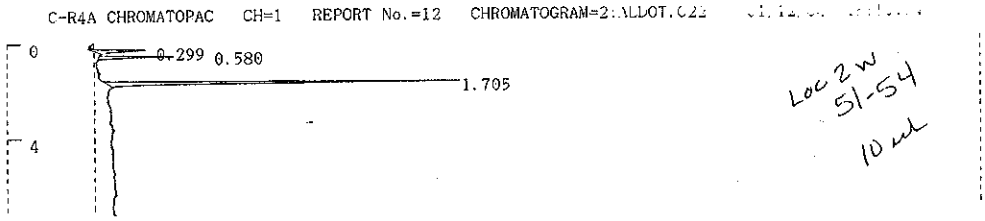


Loc 2 W
51-54
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.034	1245	159				
	2	0.356	5452	1147				
	3	0.64	9066	3557	V			
	4	1.327	322	84		7	2.5093	TCA
	6	1.764	36508	8978		9	668.8302	TCE
		TOTAL	52592	13925			671.3394	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOT.C22 [illegible]

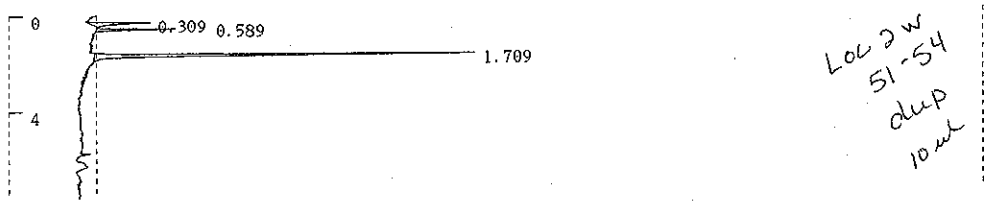


Loc 2 W
51-54
10 uL

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.299	684	121				
	3	0.58	721	170				
	4	1.705	4302	796		9	78.8163	TCE
		TOTAL	5707	1087			78.8163	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOT.C23 01/12/04 15:36:49



Loc 2 W
51-54
dup
10 uL

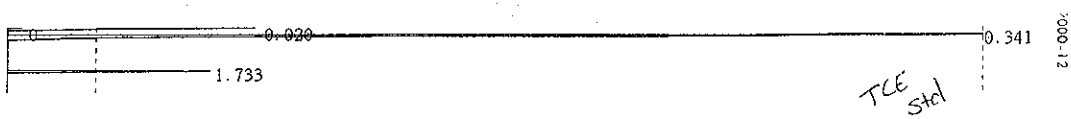
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.309	717	141				
	2	0.589	641	182				
	3	1.709	4173	860		9	76.4548	TCE
		TOTAL	5531	1182			76.4548	

* PEAK PROC/CALC ERROR * CH=2, 1:No raw peak
C-R4A CHROMATOPAC CH=2 REPORT No.=1 CHROMATOGRAM=1:@CHRM2.C00 01/12/04 15:44:34

** CALCULATION REPORT ** * WARNING * CALERROR: 1

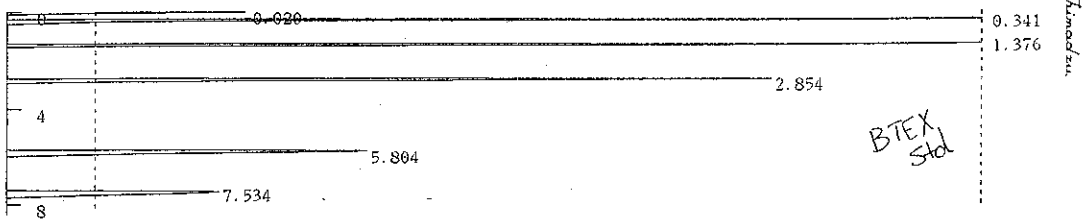
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	726	279				
	2	0.341	63495	38548				
	3	1.733	2931	628		9	53.7032	TCE
		TOTAL	67152	39456			53.7032	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOT.C25 01/12/04 15:53:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	671	260				
	2	0.341	47039	24091				
	3	1.376	11835	2727		7	92.3161	TCA
	4	2.854	11114	1840				
	5	5.804	8908	897				
	6	7.534	7208	571				
		TOTAL	86776	30387			92.3161	

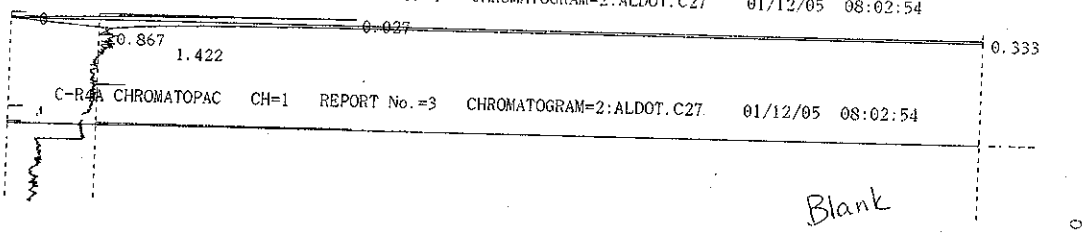
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOT.C26 01/12/04 16:03:12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.334	92346	47542				
		TOTAL	92346	47542			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C27 01/12/05 08:02:54

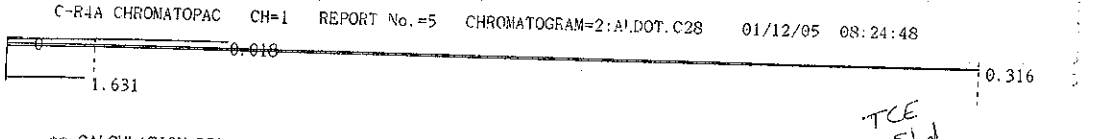
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C27 01/12/05 08:02:54



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	2446	482				
	2	0.333	557492	402394				
	3	0.867	105	27		3	0.523	1,1-DCE
	8	1.422	102	25	V			
		TOTAL	560144	402929			0.523	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C28 01/12/05 08:24:48



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	516	227				
	2	0.316	154797	98358				
	5	1.631	2759	567				
		TOTAL						

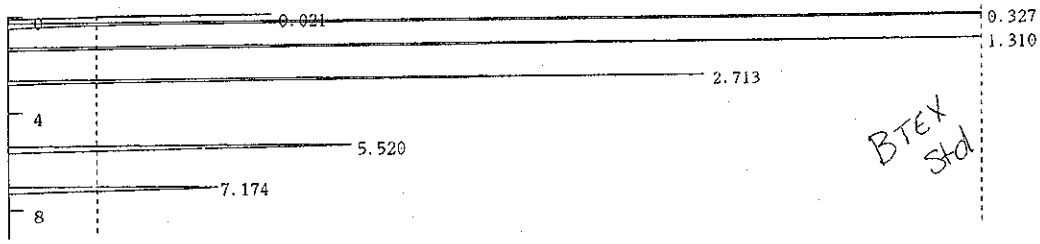
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOT.C29 01/12/05 08:28:41

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	436	192				
	2	0.319	177426	119956	S			
	5	1.64	2747	621		9	50.3214	TCE
		TOTAL	180609	120768			50.3214	

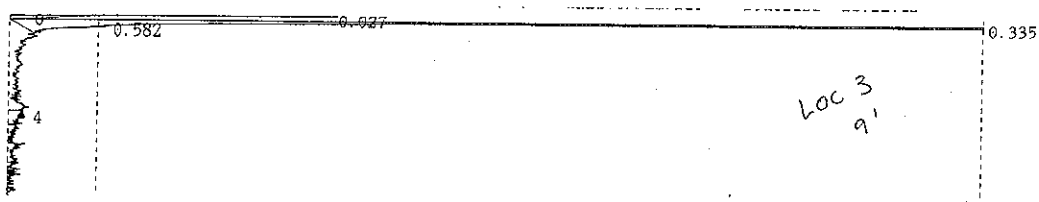
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C30 01/12/05 08:32:54



BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	813	310				
	2	0.327	136810	88401	S			
	7	1.31	10455	2478	S	8	14.1978	BENZENE
	10	2.713	10166	1727		10	15.5644	TOLUENE
	12	5.52	8861	911		13	18.0051	EBZ
	13	7.174	7595	617		15	18.5156	O-XYL
		TOTAL	174700	94443			66.283	

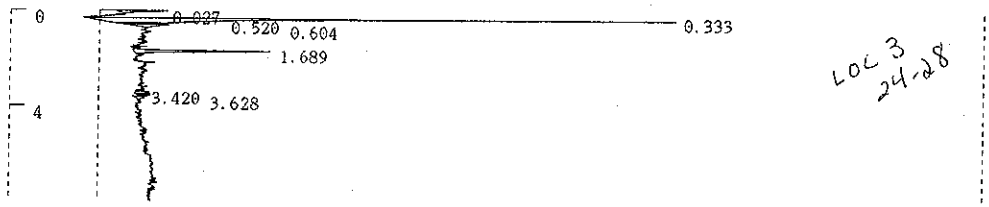


Loc 3 9'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	2172	483				
	2	0.335	580657	498234	S			
	3	0.582	115	32	T			
		TOTAL	582944	498749			0	

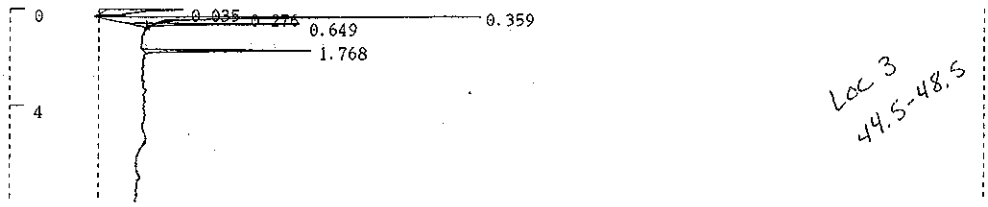
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C32 01/12/05 09:41:31



Loc 3 24-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	335	114				
	2	0.333	4790	1330				
	3	0.52	392	128	V			
	4	0.604	420	88	V			
	11	1.689	1225	308	V	9	22.4457	TCE
	16	3.42	151	30	V	11	1.885	PCE
	20	3.628	107	31		11	1.3387	PCE
		TOTAL	7421	2028			25.6694	



** CALCULATION REPORT **

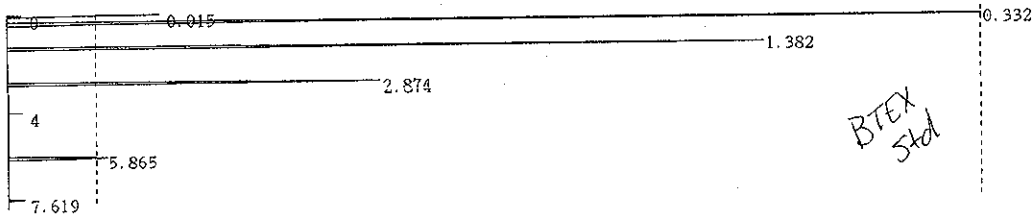
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.035	1337	174				
	2	0.276	178	70	V			
	3	0.359	4227	866				
	4	0.649	1397	378	V			
	5	1.768	1467	375		9	26.8828	TCE
		TOTAL	8606	1863			26.8828	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOT.C34 01/12/05 15:20:59

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	491	206				
	2	0.338	70720	43651				
	3	1.744	2574	563		9	47.1538	TCE
		TOTAL	73784	44420			47.1538	

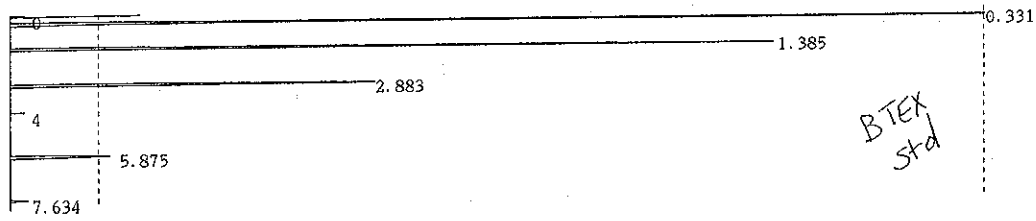
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOT.C35 01/12/05 15:43:13



** CALCULATION REPORT **

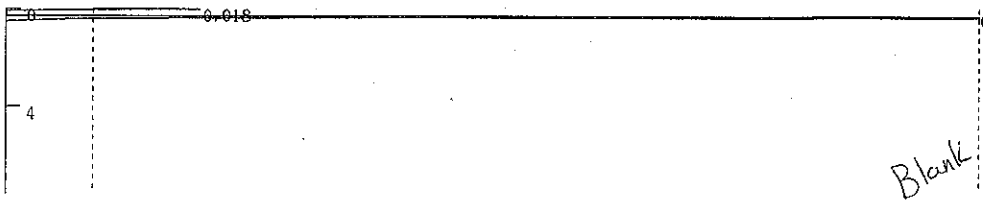
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	234	115				
	2	0.332	55180	30292				
	3	1.382	8238	1974		7	64.2587	TCA
	4	2.874	6433	1090				
	5	5.865	4981	494				
	6	7.619	3874	318				
		TOTAL	78939	34281			64.2587	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOT.C36 01/12/05 15:53:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.331	63781	38388				
	2	1.385	8263	2044		7	64.4522	TCA
	3	2.883	6657	1126				
	4	5.875	5084	510				
	5	7.634	4016	329				
		TOTAL	87802	42397			64.4522	



Blank

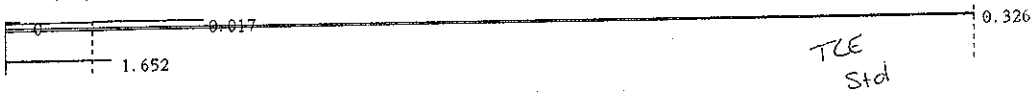
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	430	189				
	2	0.338	367050	291265				
		TOTAL	367481	291453			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDT.C37 01/12/06 08:26:10

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDT.C37 01/12/06 08:26:10

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT.C38 01/12/06 08:39:10

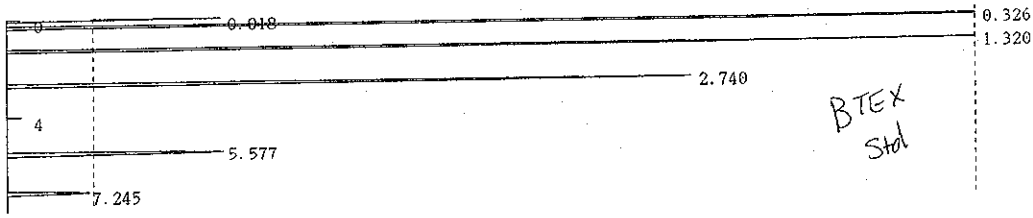


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	453	198				
	2	0.326	149406	96747				
	3	1.652	2858	631		9	52.3586	TCE
		TOTAL	152717	97576			52.3586	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C39 01/12/06 08:43:47

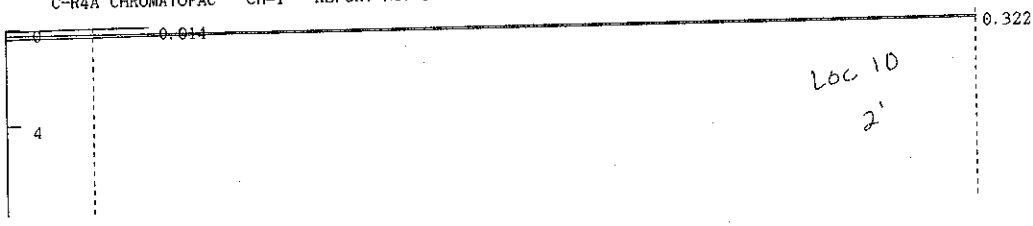


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	522	223				
	2	0.326	126708	72879				
	3	1.32	11553	2728		7	90.1165	~~TOA~~benzene
	4	2.74	10851	1826		10	16.6127	TOLUENE
	5	5.577	7571	770		13	15.3837	EBZ
	6	7.245	5613	464		15	13.6842	O-XYL
		TOTAL	162818	78889			135.7971	

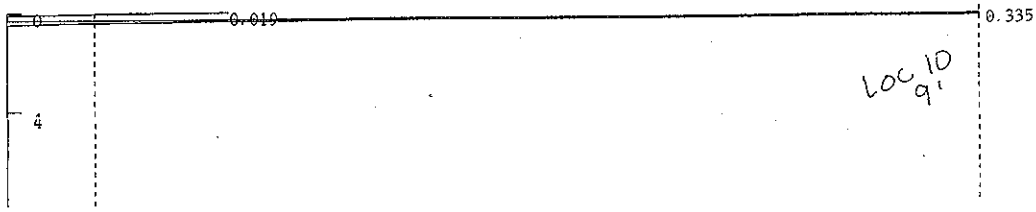
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C40 01/12/06 08:56:48



Loc ID 2'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	204	103				
	2	0.322	736305	593839	S			
		TOTAL	736508	593941			0	

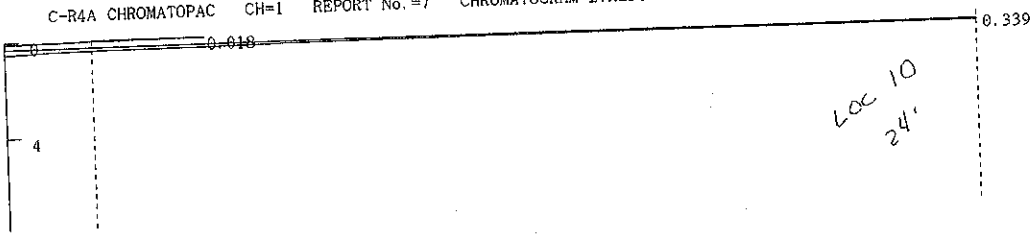


Loc ID 9'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	551	226				
	2	0.335	406784	264271	S			
		TOTAL	407335	264496			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C42 01/12/06 09:43:57

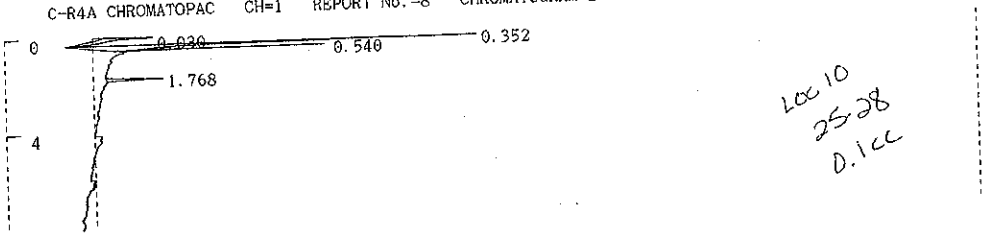


Loc ID 24'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	456	196				
	2	0.339	267956	163085	S			
		TOTAL	268412	163280			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C43 01/12/06 09:53:28

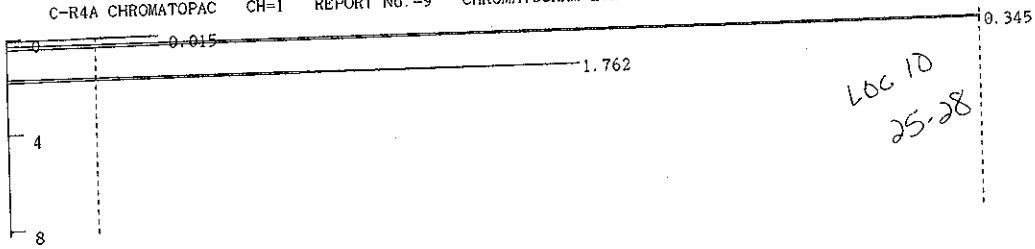


Loc ID 25.28 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	919	116				
	2	0.352	3200	914				
	3	0.54	305	476	V			
	4	1.768	482	126		9	8.8302	TCE
		TOTAL	4906	1633			8.8302	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOT.C44 01/12/06 10:04:18

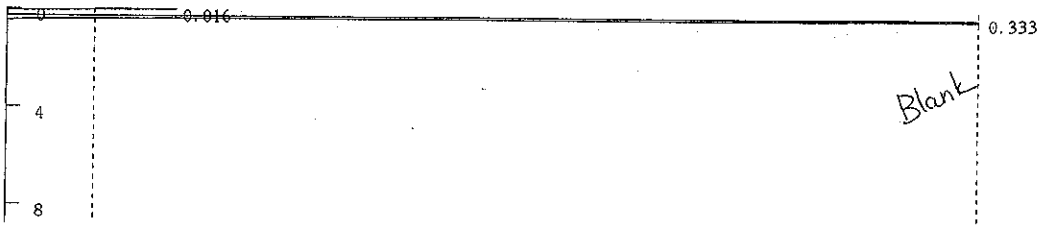


Loc ID 25.28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	264	117				
	2	0.345	240613	180366				
	3	1.762	8135	1632		9	149.0314	TCE
		TOTAL	249012	182116			149.0314	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT.C45 01/12/07 10:44:41



** CALCULATION REPORT **

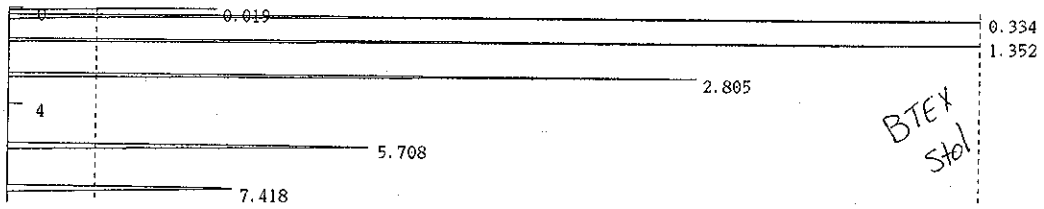
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	319	145				
	2	0.333	373490	252185				
		TOTAL	373809	252329			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C46 01/12/07 10:55:05

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	486	203				
	2	0.334	75283	40041				
	3	1.702	3092	659		9	56.6363	TCE
		TOTAL	78861	40903			56.6363	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT.C47 01/12/07 11:00:20

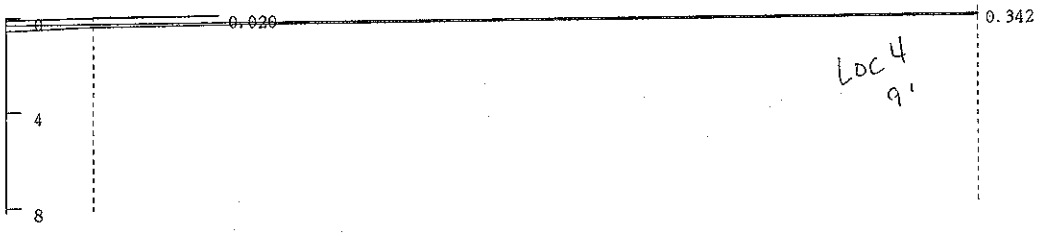


013

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	492	205				
	2	0.334	80314	49717				
	3	1.352	10667	2482		8	14.4862	BENZENE
	4	2.805	10261	1712		10	15.7091	TOLUENE
	5	5.708	9734	979		13	19.7795	EBZ
	6	7.418	8335	680		15	20.3217	O-XYL
		TOTAL	119804	55774			70.2965	

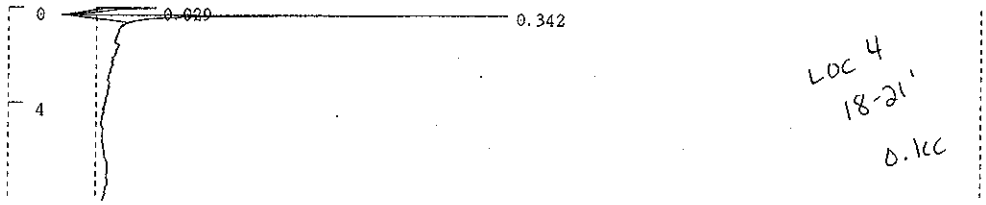
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C48 01/12/07 11:11:06



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	575	227				
	2	0.342	210136	149082				
		TOTAL	210711	149309			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C49 01/12/07 11:20:47

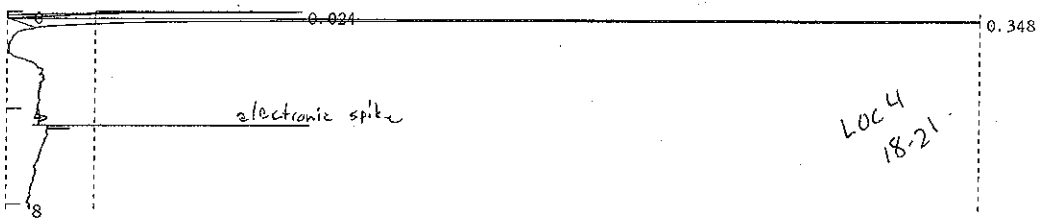


Loc 4
18-21'
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	864	111				
	2	0.342	3887	997				
		TOTAL	4751	1108			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOT.C50 01/12/07 11:30:49

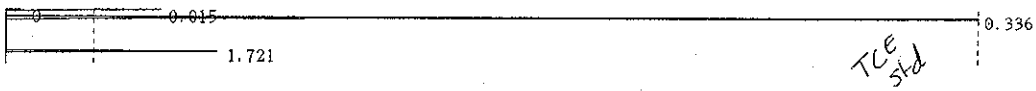


Loc 4
18-21'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	1263	375				
	2	0.348	186605	137191				
		TOTAL	187868	137566			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C51 01/12/07 11:42:19

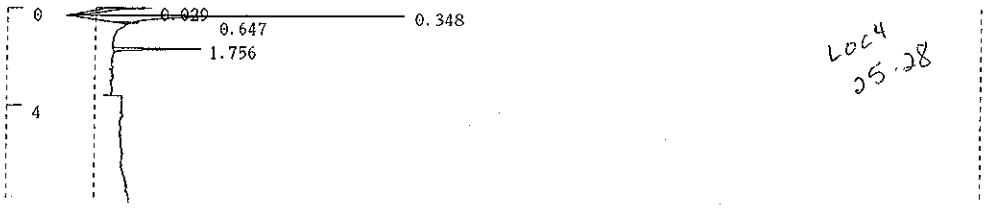


TCE
3rd

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	265	123				
	2	0.336	46028	19332				
	3	1.721	3576	748		9	65.5196	TCE
		TOTAL	49870	20202			65.5196	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C52 01/12/07 12:53:57



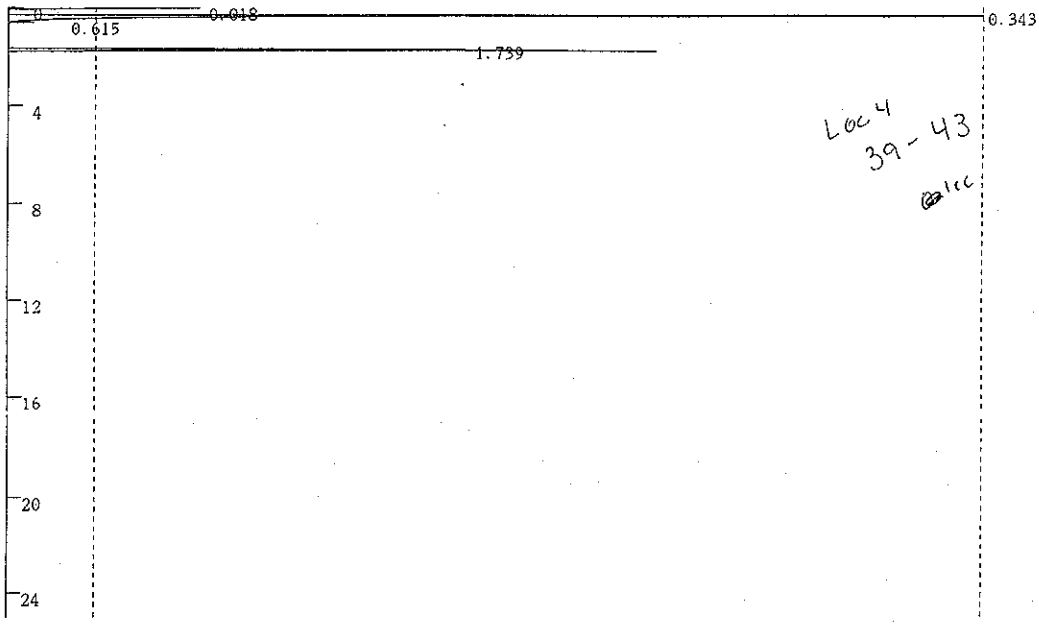
Loc 4
25.28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	826	105				
	2	0.348	3639	758				
	3	0.647	165	37	V			
	4	1.756	756	197		9	13.8572	TCE
		TOTAL	5386	1098			13.8572	

014

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOT.C53 01/12/07 13:04:56

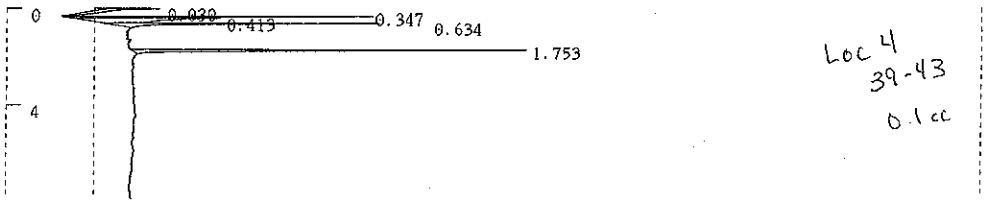


Loc 4
39-43
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	360	194				
	2	0.343	115899	65173	S			
	3	0.615	274	84	T			
	4	1.739	5912	1167		9	108.3005	TCE
		TOTAL	122445	66618			108.3005	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C54 01/12/07 14:47:35

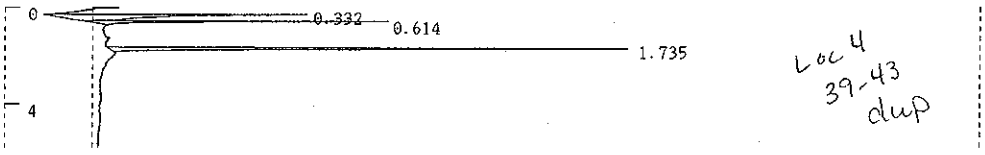


Loc 4
39-43
0.1 cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	902	122				
	2	0.347	1700	694				
	3	0.413	2272	326	V			
	4	0.634	1889	608	V			
	5	1.753	3399	888		9	62.2697	TCE
		TOTAL	10162	2638			62.2697	

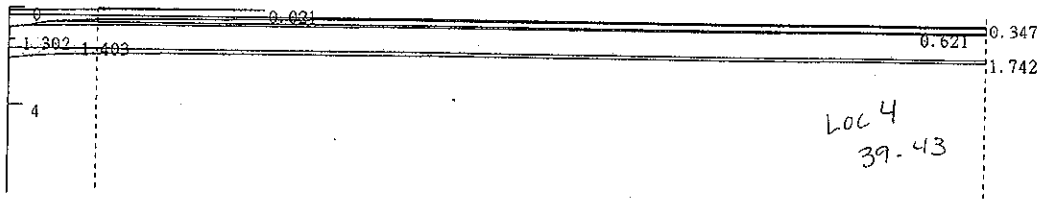
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT.C55 01/12/07 14:57:37



Loc 4
39-43
dup

** CALCULATION REPORT **

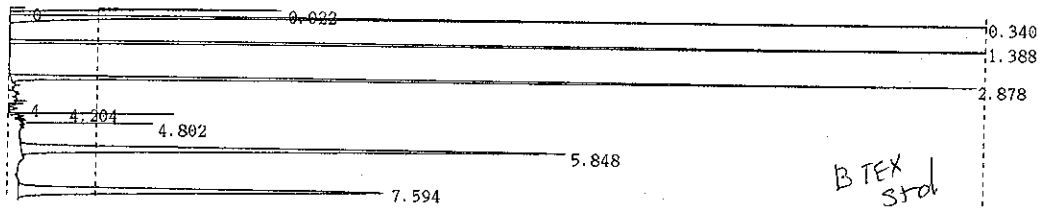
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.332	3580	585				
	3	0.614	2154	675	V			
	4	1.735	4726	1168		9	86.5821	TCE
		TOTAL	10461	2427			86.5821	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	797	289				
	2	0.347	148558	111665	S			
	3	0.621	17522	4805	T			
	4	1.302	419	85		7	3.2713	TCA
	5	1.403	142	38	V			
	6	1.742	54685	11007		9	1001.8272	TCE
		TOTAL	222123	127889			1005.0985	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOT.C57 01/12/07 15:14:52



** CALCULATION REPORT **

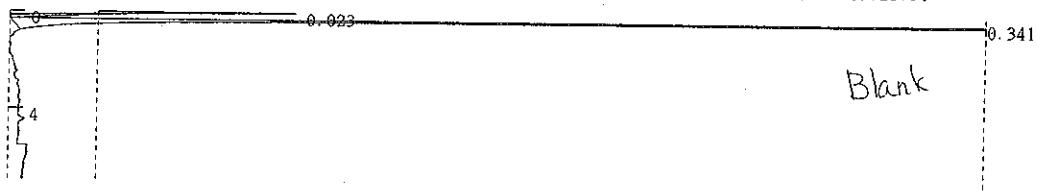
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	916	312				
	2	0.34	33647	13905				
	3	1.388	12841	2969		8	17.4374	BENZENE
	4	2.878	13086	2172				
	5	4.204	127	19				
	6	4.802	179	219				
	7	5.848	12300	1230				
	8	7.594	10216	825				
		TOTAL	83312	21651			17.4374	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOT.C58 01/12/07 15:24:07

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	1067	340				
	2	0.344	31992	14176				
	3	1.745	2351	496		9	43.063	TCE
		TOTAL	35409	15013			43.063	

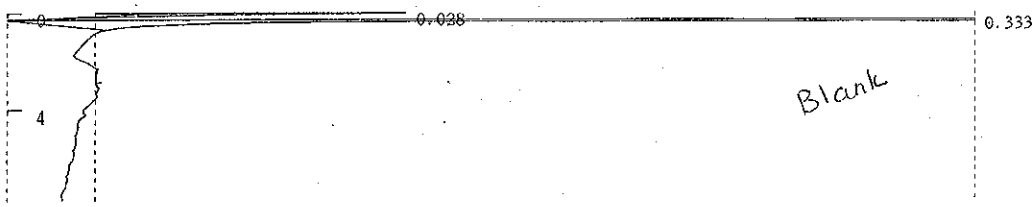
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOT.C59 01/12/07 15:28:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	1083	337				
	2	0.341	179589	141502				
		TOTAL	180672	141839			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT.C60 01/12/10 11:16:36



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	3453	592				
	2	0.333	627427	453221				
		TOTAL	630880	453813			0	

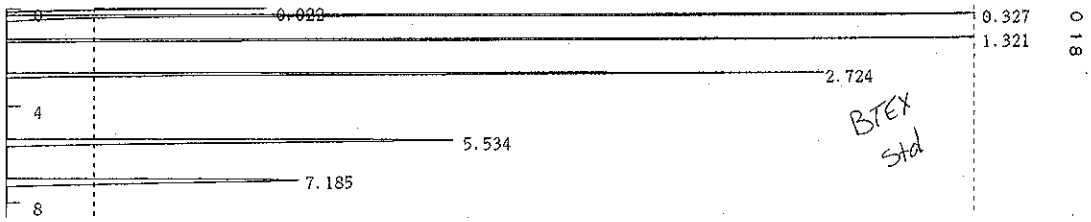
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C61 01/12/10 11:26:28

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files

TCE Std

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT.C61 01/12/10 11:26:28

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C62 01/12/10 11:34:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	852	304				
	2	0.327	97458	54894				
	3	1.321	11188	2711		8	15.193	BENZENE
	4	2.724	11373	1919		10	17.4119	TOLUENE
	5	5.534	10706	1094		13	21.7536	EBZ
	6	7.185	9166	754		15	22.3465	O-XYL
		TOTAL	140742	61675			76.705	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C63 01/12/10 13:45:20

Loc 5 redo

** CALCULATION REPORT ** * WARNING * CALERROR: 1

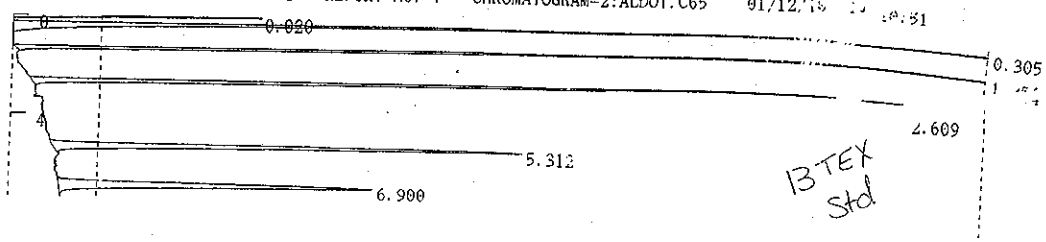
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOT.C64 01/12/10 14:06:18

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	322	151				
	2	0.303	24146	8512				
	3	1.558	3933	840	S			
		TOTAL	28401	9502			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C65 01/12/10 14:08:51



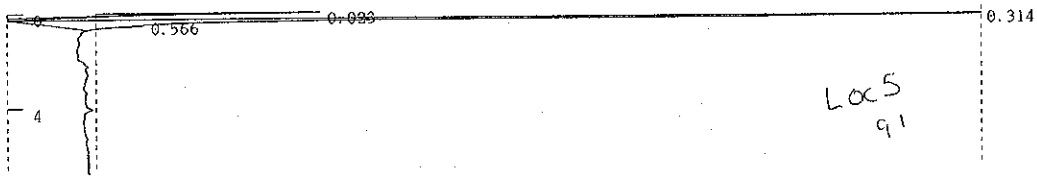
BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	701	264				
	2	0.305	28188	12801				
	3	1.254	11704	2781				
	4	2.609	11620	1979		7	91.2943	TCA
	5	5.312	10345	1062		10	17.7901	TOLUENE
	6	6.9	8434	708		13	21.0214	EBZ
						15	20.5628	O-XYL

019

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C66 01/12/10 14:21:51

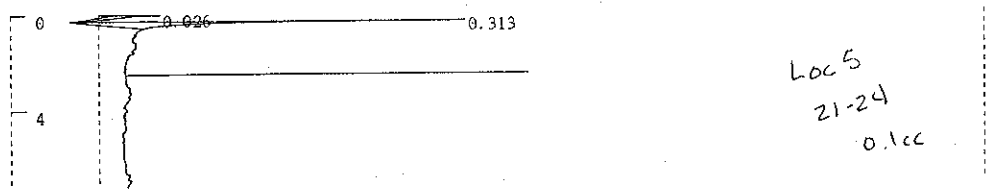


Loc 5
q1

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	1580	383				
	2	0.314	100432	68227	S			
	3	0.566	125	36	T			
		TOTAL	102137	68646			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOT.C67 01/12/10 14:30:11



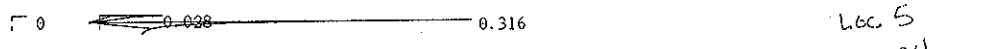
Loc 5
21-24
0.1cc

020

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	861	114				
	2	0.313	3901	876				
		TOTAL	4762	990			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C68 01/12/10 14:52:06

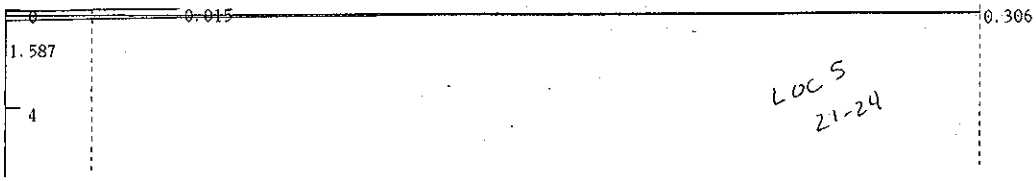


Loc 5
21-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	758	117				
	2	0.316	3356	852				
		TOTAL	4114	969			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT.C69 01/12/10 14:54:19

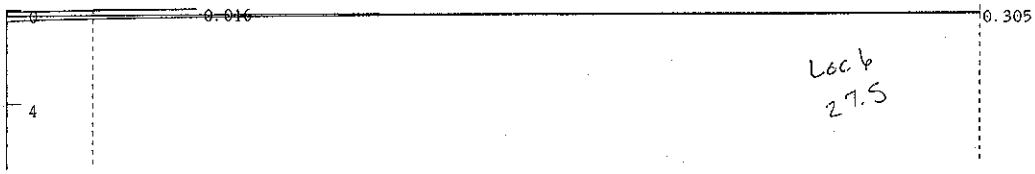


Loc 5
21-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	292	147				
	2	0.306	119620	80575				
	3	1.587	230	52		9	4.2099	TCE
		TOTAL	120142	80774			4.2099	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOT.C70 01/12/10 15:03:14

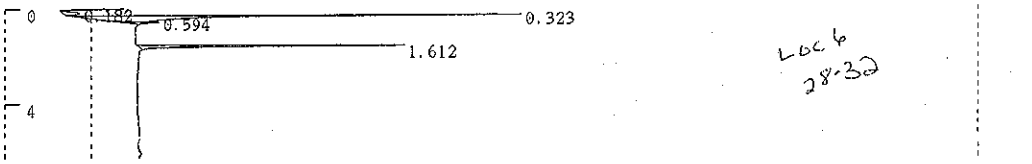


Loc 6
27.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	363	171				
	2	0.305	112935	73780				
		TOTAL	113299	73950			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOT.C71 01/12/10 15:11:47

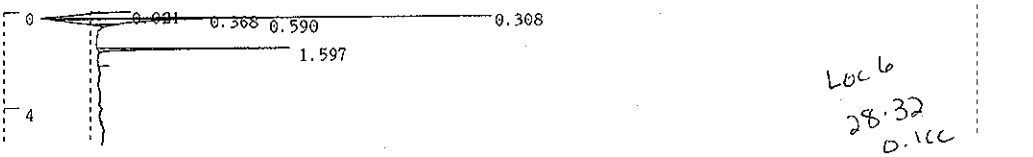


Loc 6
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.182	294	38				
	3	0.323	4477	1013				
	4	0.594	266	72	V			
	5	1.612	2210	604		9	40.489	TCE

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOT.C72 01/12/10 15:20:16

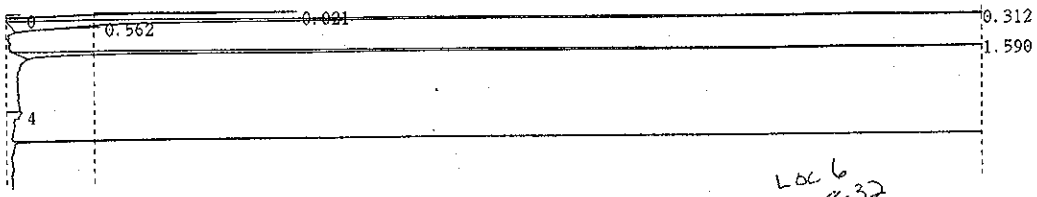


Loc 6
28.32
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	136	67				
	2	0.308	2399	1016				
	3	0.368	2074	338	V			
	4	0.59	231	49	V			
	5	1.597	1600	433		9	29.3047	TCE
		TOTAL	6439	1902			29.3047	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOT.C73 01/12/10 15:47:51

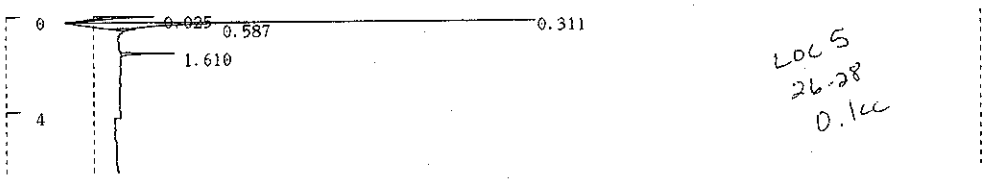


Loc 6
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	978	345				
	2	0.312	181043	148975	S			
	3	0.562	226	74	T			
	4	1.59	14258	3200		9	261.2047	TCE
	TOTAL		196505	152594			261.2047	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOT.C74 01/12/10 15:54:27

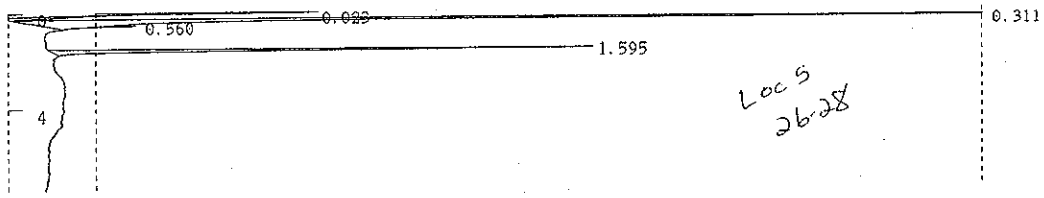


Loc 5
26-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	639	106				
	2	0.311	4083	1053				
	3	0.587	194	43	V			
	4	1.61	423	119		9	7.7457	TCE
	TOTAL		5340	1322			7.7457	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOT.C75 01/12/10 16:03:34

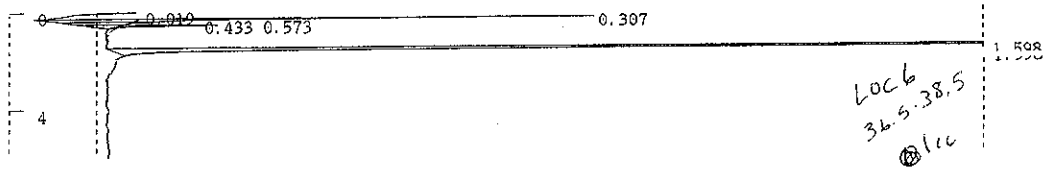


Loc 5
26-28

** CALCULATION REPORT **

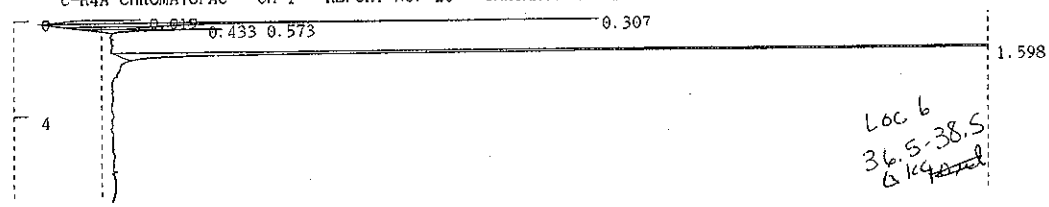
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	1528	399				
	2	0.311	142167	99257	S			
	3	0.56	239	82	T			
	4	1.595	5584	1224		9	102.3025	TCE
	TOTAL		149518	100962			102.3025	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOT.C76 01/12/10 16:15:48



Loc 6
36.5-38.5
@1cc

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOT.C76 01/12/10 16:15:48



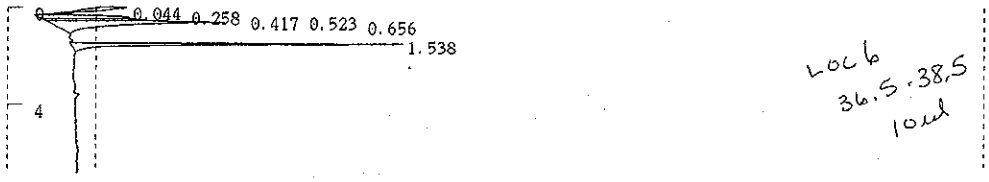
Loc 6
36.5-38.5
@1cc ~~4cc~~

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	145	66				
	2	0.307	3978	1258				
	3	0.433	1067	218	V			
	4	0.573	1055	296	V			
	5	1.598	19432	5179		9	355.9924	TCE
	TOTAL		25677	7018			355.9924	

022

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOT.C77 01/12/10 16:30:00

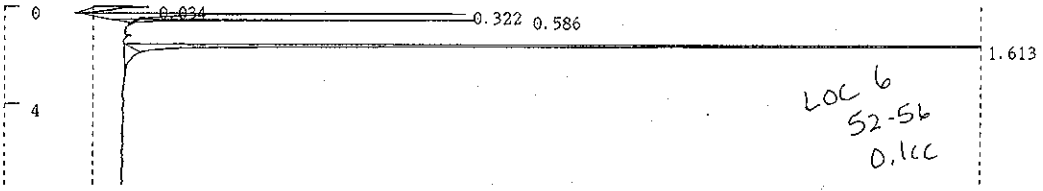


Loc 6
36.5-38.5
10 ul

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.044	705	75				
	2	0.258	116	43				
	3	0.417	1470	204				
	4	0.523	1103	231	V			
	5	0.656	3925	396	V			
	6	1.538	3801	751		9	69.6343	TCE
	TOTAL		11120	1700			69.6343	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOT.C78 01/12/10 19:06:36

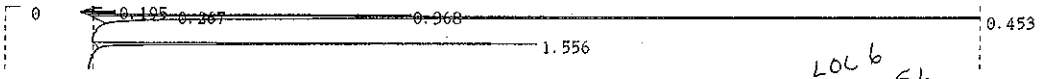


Loc 6
52-56
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.034	996	125				
	2	0.322	3589	866				
	3	0.586	2205	812	V			
	4	1.613	17074	4549		9	312.7993	TCE
	TOTAL		23864	6352			312.7993	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOT.C79 01/12/10 19:15:39

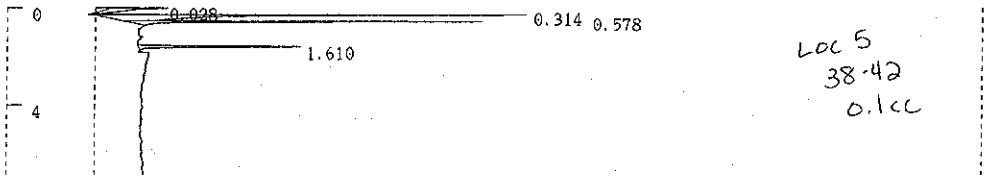


Loc 6
52-56
10 ul

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.195	126	75				
	3	0.267	220	73				
	4	0.368	1858	732	V			
	5	0.453	25582	9725	V			
	6	1.556	3943	1000		9	72.2412	TCE
	TOTAL		31729	11604			72.2412	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOT.C80 01/12/10 19:22:28

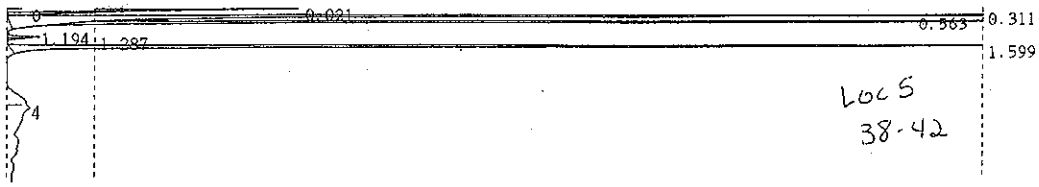


Loc 5
38-42
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	893	133				
	2	0.314	3988	973				
	3	0.578	2210	804	V			
	4	1.61	1371	367		9	25.124	TCE
	TOTAL		8462	2277			25.124	

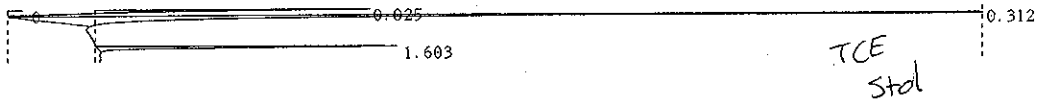
C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOT.C81 01/12/10 19:30:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	1077	344				
	2	0.311	203853	163836	S			
	3	0.563	17661	5138	T			
	4	1.194	330	76		7	2.5748	TCA
	5	1.287	161	36	V	8	0.2189	~~BENZENE~~
	6	1.599	16140	3455		9	295.6774	TCE
		TOTAL	239221	172885			298.4711	

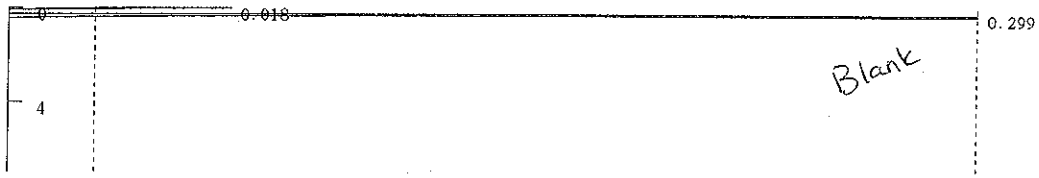
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOT.C82 01/12/10 19:40:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	2464	506				
	2	0.312	51613	32281				
	3	1.603	3019	681		9	55.3081	TCE
		TOTAL	57097	33469			55.3081	

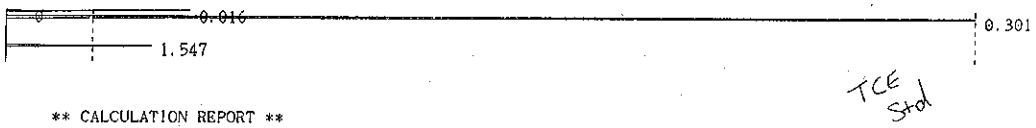
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT.C83 01/12/11 09:04:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	506	231				
	2	0.299	560995	463555				
		TOTAL	561501	463786			0	

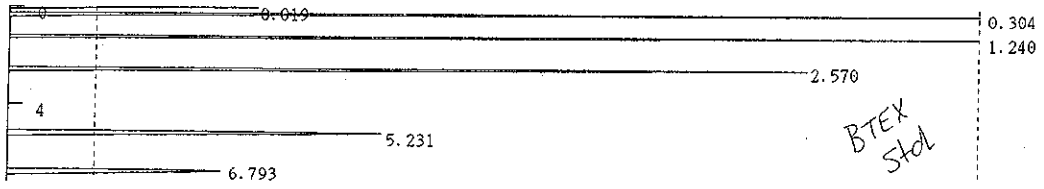
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT.C84 01/12/11 09:13:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	353	171				
	2	0.301	74838	45420				
	3	1.547	2941	659		9	53.87	TCE
		TOTAL	78132	46250			53.87	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT.C85 01/12/11 09:23:03



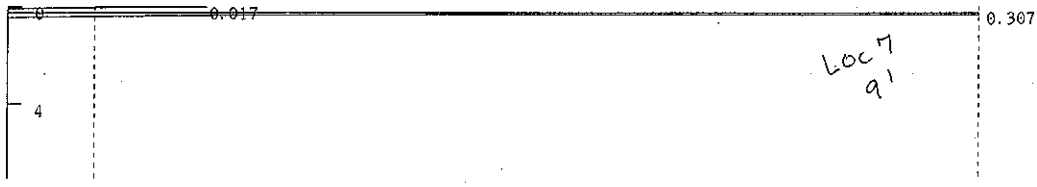
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	656	274				
	2	0.304	87625	58202				
	3	1.24	11321	2798		8	15.3738	BENZENE
	4	2.57	11327	1951		10	17.3419	TOLUENE
	5	5.231	9907	1021		13	20.1314	EBZ
	6	6.793	7932	668		15	19.3387	O-XYL
		TOTAL	129768	64913			72.1858	

025

026

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT.C86 01/12/11 10:12:25

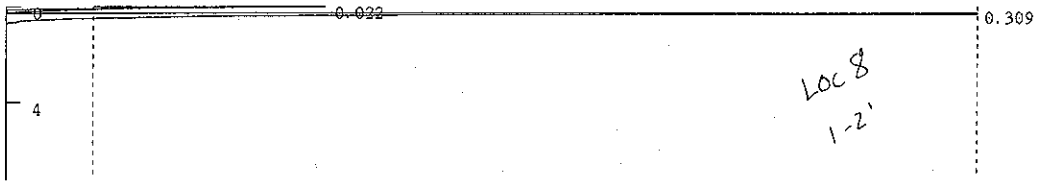


Loc 7
9'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	400	187				
	2	0.307	194196	143467				
		TOTAL	194596	143654			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT.C87 01/12/11 10:21:51

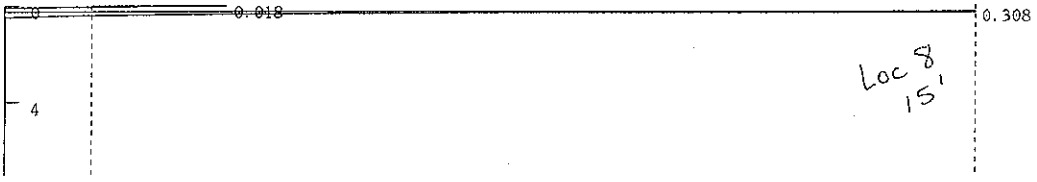


Loc 8
1-2'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	1225	403				
	2	0.309	252486	198593	S			
		TOTAL	253711	198996			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOT.C88 01/12/11 10:31:34

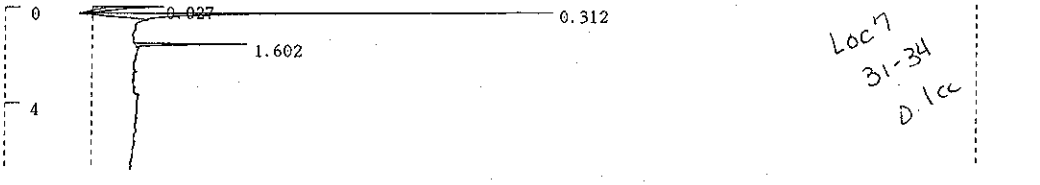


Loc 8
15'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	528	227				
	2	0.308	115826	73145				
		TOTAL	116354	73372			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT.C89 01/12/11 10:40:29

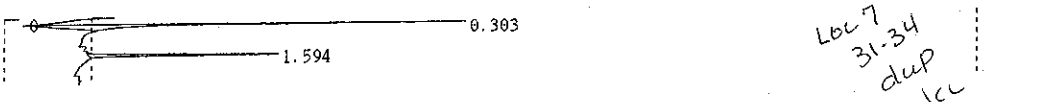


Loc 7
31-34
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	889	130				
	2	0.312	3623	1060				
	3	1.602	908	254		9	16.6309	TCE
		TOTAL	5420	1444			16.6309	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT.C90 01/12/11 10:50:06

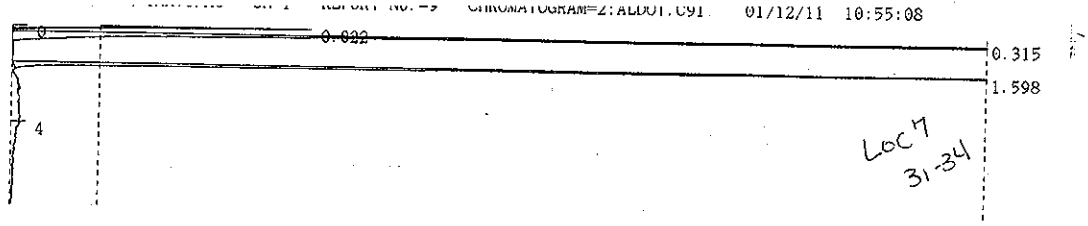


Loc 7
31-34
dup
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.303	3455	991				
	4	1.594	1567	434	V	9	28.7019	TCE
		TOTAL	5021	1425			28.7019	

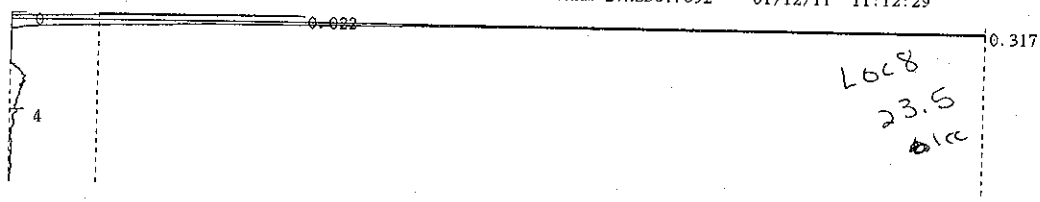
CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOT.C91 01/12/11 10:55:08



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	1043	366				
	2	0.315	223747	179353	S			
	4	1.598	13560	2972		9	248.4173	TCE
	TOTAL		238350	182691			248.4173	

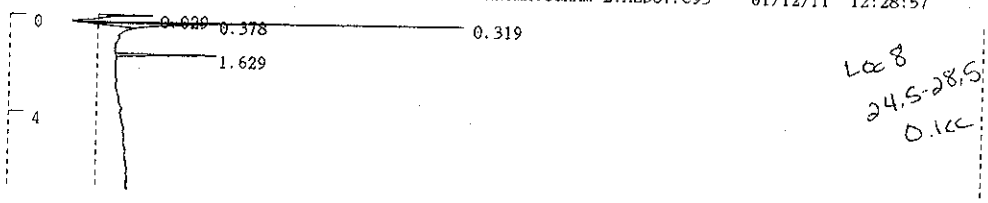
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT.C92 01/12/11 11:12:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	994	359				
	2	0.317	131093	94102	S			
	TOTAL		132087	94461			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT.C93 01/12/11 12:28:57



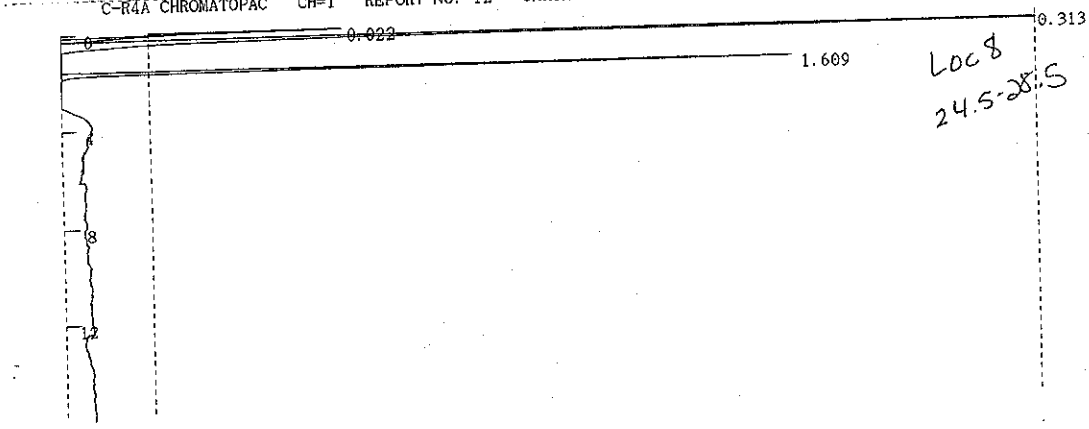
0.29

223-02000.12

** CALCULATION REPORT **

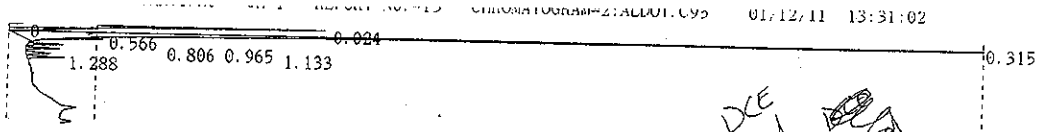
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	293	100				
	2	0.319	1941	875				
	3	0.378	1423	259	V			
	4	1.629	822	226		9	15.0645	TCE
	TOTAL		4480	1460			15.0645	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOT.C94 01/12/11 12:38:32



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	1031	341				
	2	0.313	217955	163355				
	3	1.609	7365	1670		9	134.9286	TCE
	TOTAL		226351	165366			134.9286	

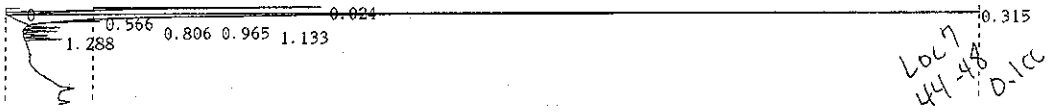


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	1672	427				
	2	0.315	74992	47954	S			
	3	0.566	246	89	T	3	1.231	1,1-DCE
	4	0.806	256	81				
	5	0.965	256	77				
	6	1.133	207	54		6	1.1799	C-DCE
	7	1.288	309	85	V	8	0.4189	BENZENE
		TOTAL	77938	48766			2.8298	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOT.C95 01/12/11 13:31:02

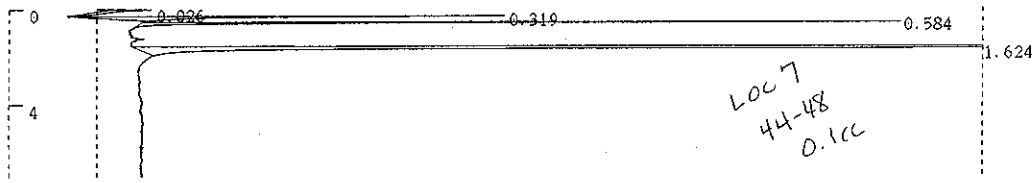


Loc 7
44-48
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	1672	427				
	2	0.315	74992	47954	S			
	3	0.566	246	89	T	3	1.231	1,1-DCE
	4	0.806	256	81		5	1.2795	1,1-DCA
	5	0.965	256	77		6	1.4581	C-DCE
	6	1.133	207	54		7	1.6146	TCA
	7	1.288	309	85	V	8		1,2-DCA
		TOTAL	77938	48766			5.5832	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOT.C96 01/12/11 14:07:26

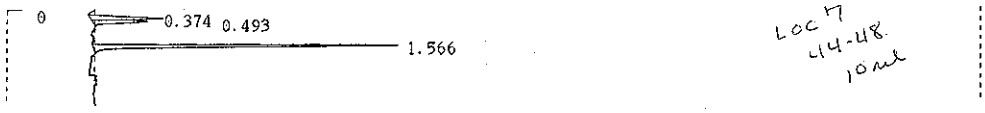


Loc 7
44-48
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	732	100				
	2	0.319	3194	967				
	3	0.584	4215	1719		3	21.077	1,1-DCE
	5	1.624	28336	7350		10	519.1099	TCE
		TOTAL	36476	10135			540.1869	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOT.C97 01/12/11 14:17:02

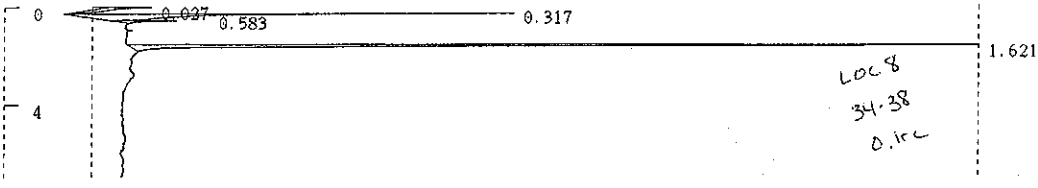


Loc 7
44-48
10ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.374	1160	163				
	2	0.493	942	124	V			
	3	1.566	4287	694		10	78.5323	TCE
		TOTAL	6388	981			78.5323	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOT.C98 01/12/11 14:29:38

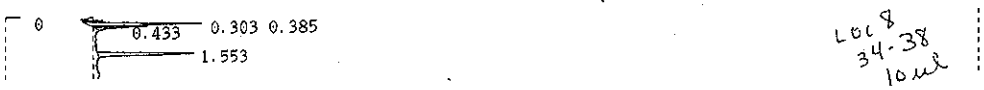


Loc 8
34-38
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	829	107				
	2	0.317	4244	1013				
	3	0.583	496	146	V	3	2.479	1,1-DCE
	4	1.621	10002	2668		10	183.2384	TCE

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOT.C99 01/12/11 14:38:48

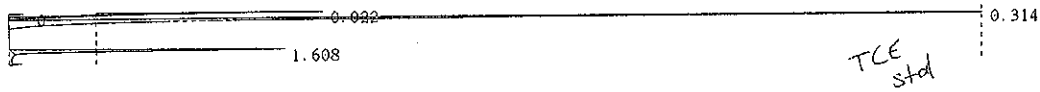


Loc 8
34-38
10 uL

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.303	1121	260				
	3	0.385	374	128	V			
	4	0.433	312	81	V			
	5	1.553	1318	216		10	24.1366	TCE
	TOTAL		3125	685			24.1366	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTB.C01 01/12/11 16:16:56

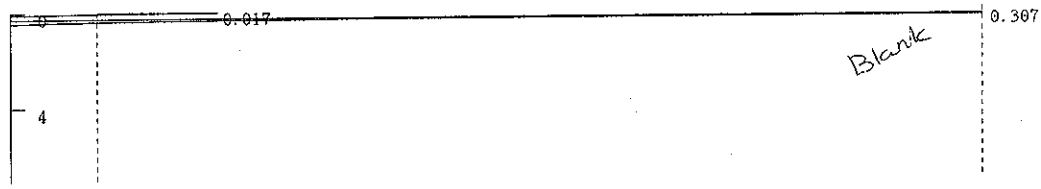


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	1180	390				
	2	0.314	41650	23255				
	3	1.608	2924	632		10	53.5732	TCE
	TOTAL		45755	24278			53.5732	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTB.C02 01/12/11 16:20:50



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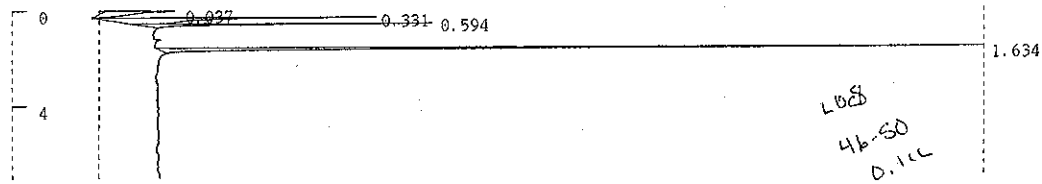
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	430	198				
	2	0.307	142594	101857				
	TOTAL		143024	102055			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTB.C03 01/12/11 16:29:06



Loc 8
46-50
0.1 cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.037	1311	159				
	2	0.331	3447	635				
	3	0.594	1983	669	V	3	9.915	1,1-DCE
	4	1.634	7410	1943		10	135.7548	TCE
	TOTAL		14151	3405			145.6698	

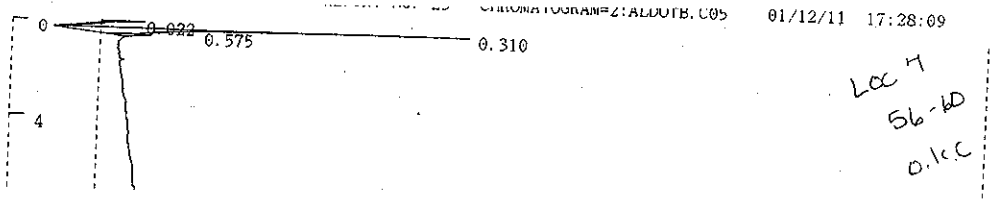
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTB.C04 01/12/11 16:41:05

Loc 8
46-50
10 uL

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.293	146	63				
	3	0.389	427	122	V			
	4	0.557	230	97		3	1.151	1,1-DCE
	5	1.592	1197	331		10	21.9235	TCE
	TOTAL		2000	613			23.0745	

CHROMATOGRAM=2:ALDOTB.C05 01/12/11 17:28:09

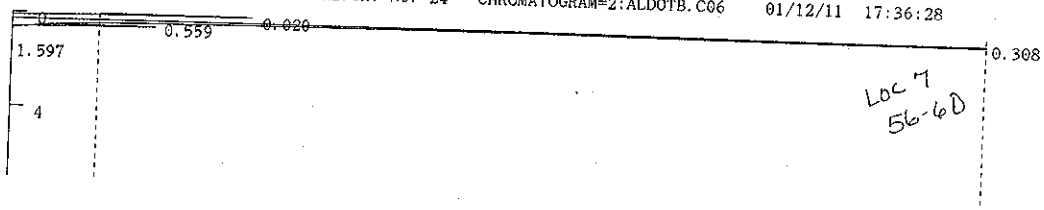


Loc 7
56-60
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	524	76				
	2	0.31	4046	933				
	3	0.575	309	90	V	3	1.5445	1,1-DCE
	TOTAL		4880	1099			1.5445	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTB.C06 01/12/11 17:36:28



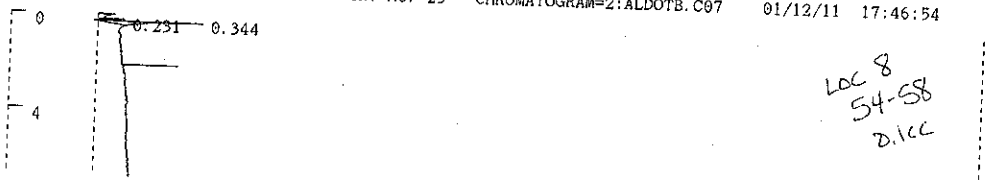
Loc 7
56-60

0 34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	678	266				
	2	0.308	116474	73897	S			
	3	0.559	898	271	T	3	4.4885	1,1-DCE
	4	1.597	258	62		10	4.7247	TCE
	TOTAL		118308	74496			9.2132	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTB.C07 01/12/11 17:46:54

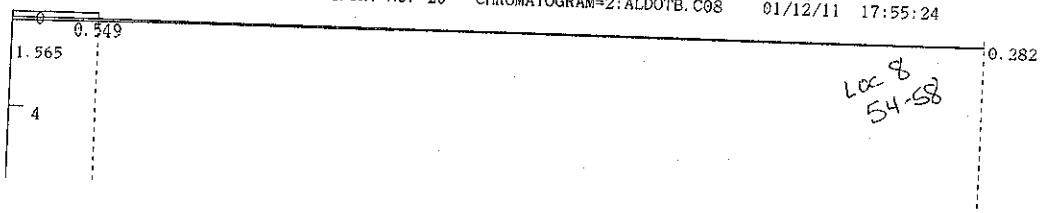


Loc 8
54-58
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.231	108	51				
	3	0.344	977	232				
	TOTAL		1085	284			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTB.C08 01/12/11 17:55:24

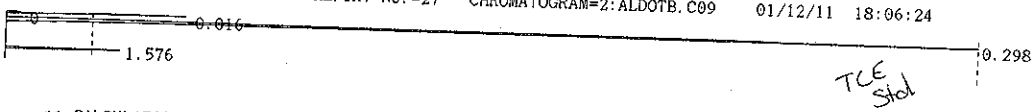


Loc 8
54-58

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.282	133363	88416	S			
	2	0.549	709	236	T	3	3.5465	1,1-DCE
	3	1.565	110	28		10	2.0097	TCE
	TOTAL		134182	88680			5.5562	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTB.C09 01/12/11 18:06:24



TCE Std

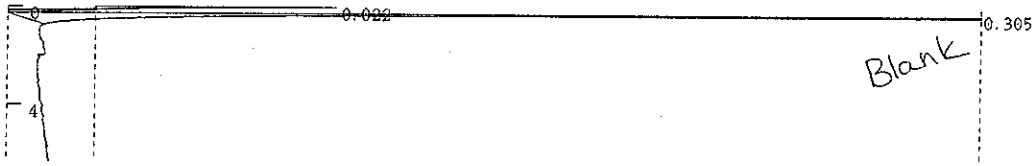
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	322	158				
	2	0.298	34426	16276				
	3	1.576	2071	472		10	37.948	TCE
	TOTAL		36820	16906			37.948	

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	489	217				
	2	0.298	34796	17337				
	3	1.574	2373	542		10	43.4715	TCE
	TOTAL		37658	18096			43.4715	

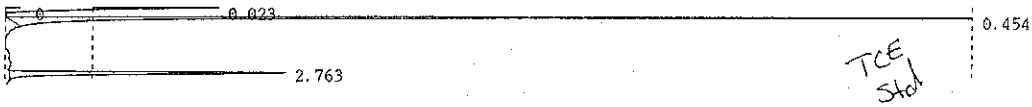
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTB.C11 01/12/11 18:12:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	1689	414				
	2	0.305	117530	84208				
	TOTAL		119219	84621			0	

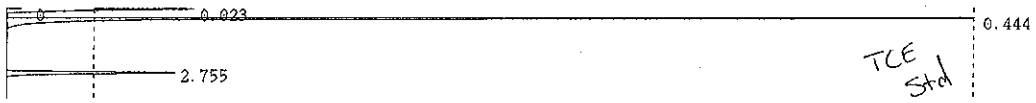
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTB.C12 01/12/12 08:59:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	741	219				
	2	0.454	17666	5964				
	3	2.763	4309	636				
	TOTAL		22715	6819			0	

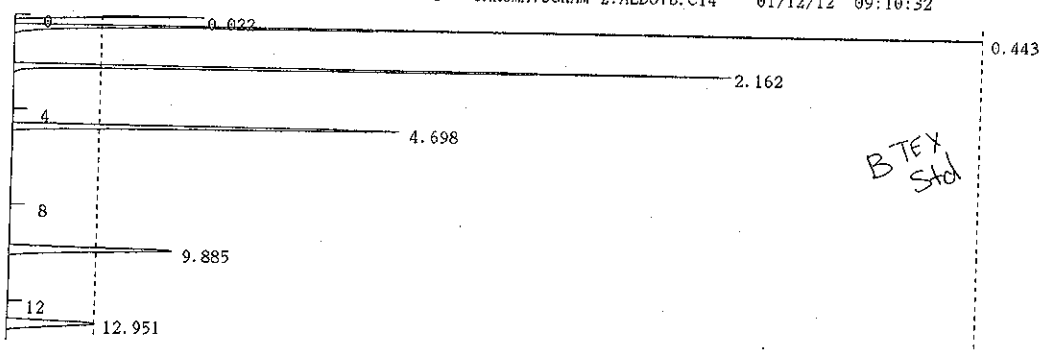
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTB.C13 01/12/12 09:04:39



** CALCULATION REPORT **

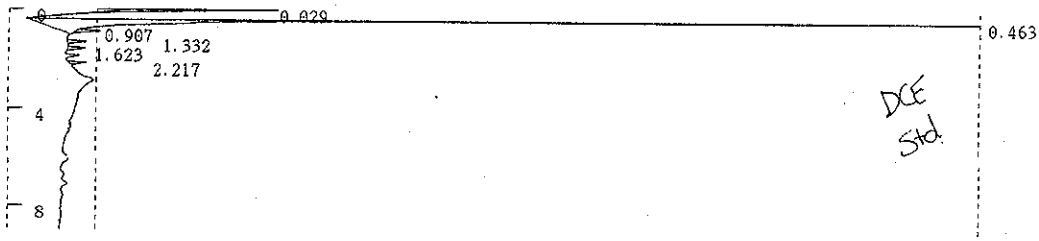
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	551	177				
	2	0.444	17463	5795				
	3	2.755	2551	397		10	46.7416	TCE
	TOTAL		20566	6369			46.7416	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTB.C14 01/12/12 09:10:32



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	555	177				
	2	0.443	14539	4492				
	3	2.162	9899	1648				
	4	4.698	7814	914				
	5	9.885	6004	414				
	6	12.951	4310	246				
	TOTAL		43119	7891			0	

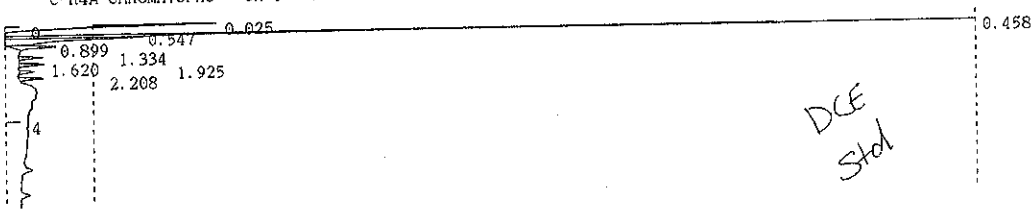


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	1676	351				
	2	0.463	12550	3523	S			
	3	0.907	275	55	T			
	4	1.332	224	42		8		1,2-DCA
	5	1.623	207	41				
	6	2.217	196	39		9	0.2667	BENZENE
	TOTAL		15129	4051			0.2667	

037

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTB.C16 01/12/12 09:41:41



** CALCULATION REPORT **

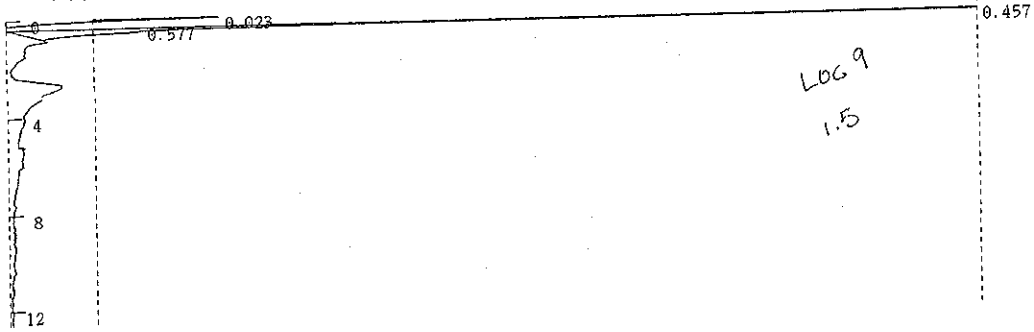
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	777	225				
	2	0.458	7205	2641				
	3	0.547	2905	363	V			
	4	0.899	661	101	V	3	3.3065	1,1-DCE
	5	1.334	283	55		5	1.414	1,1-DCA
	6	1.62	297	58		6	1.6918	C-DCE
	7	1.925	194	36		7	1.5163	TCA
	8	2.208	297	55		8		1,2-DCA
	TOTAL		12619	3533			7.9286	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTB.C17 01/12/12 09:58:05

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

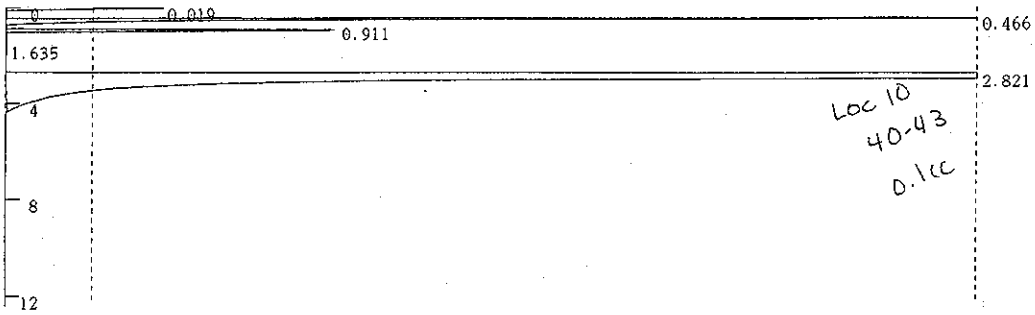
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTB.C18 01/12/12 09:59:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	738	220				
	2	0.457	25678	10938	S			
	3	0.577	122	33	T			
	TOTAL		26538	11191			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9

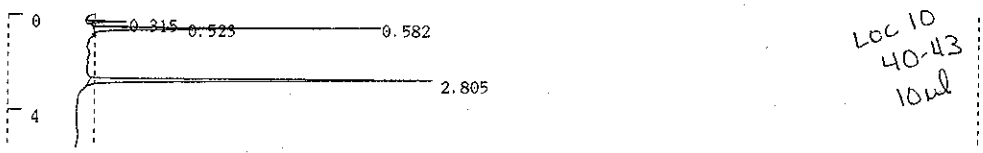


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	330	123				
	2	0.466	23138	8559				
	3	0.911	5483	886	V	3	27.4165	1,1-DCE
	4	1.635	251	46		6	1.4301	C-DCE
	5	2.821	336502	44469		10	6164.707	TCE
	TOTAL		365703	54082			6193.5532	

039

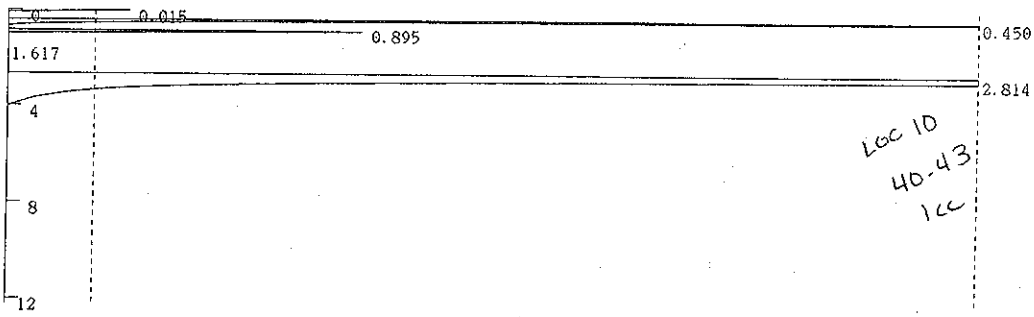
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTB.C20 01/12/12 10:30:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.315	275	92				
	2	0.523	211	84				
	3	0.582	2537	656	V			
	4	2.805	4917	782		10	90.0868	TCE
	TOTAL		7941	1614			90.0868	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTB.C21 01/12/12 10:41:15

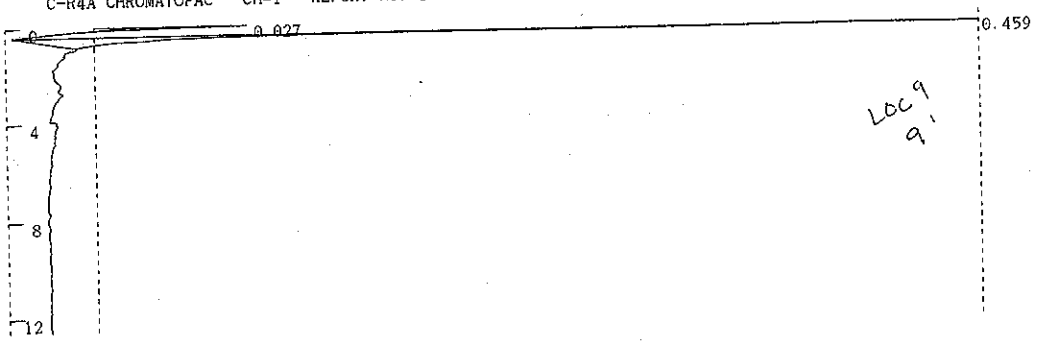


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	142	62				
	2	0.45	20437	6402				
	3	0.895	5635	966	V	3	28.175	1,1-DCE
	4	1.617	245	46		6	1.3942	C-DCE
	5	2.814	307939	43416		10	5641.4331	TCE
	TOTAL		334397	50892			5671.0019	

040

Directory full
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTB.C22 01/12/12 11:04:19

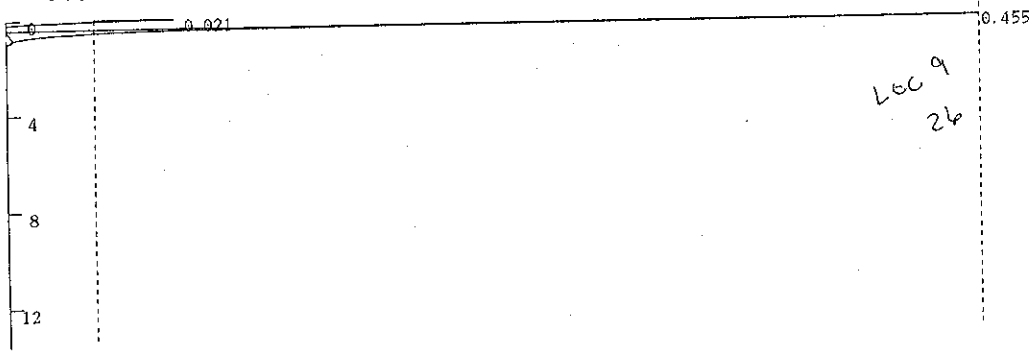


Loc 9
9'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	1227	283				
	2	0.459	17604	6384				
		TOTAL	18831	6667			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTB.C23 01/12/12 11:19:09

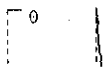


Loc 9
24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	400	140				
	2	0.455	15551	5774				
		TOTAL	15951	5913			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTB.C24 01/12/12 12:46:31



Loc
redo

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTB.C25 01/12/12 12:50:07

redo

0 0.031 0.505

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.031	199	54				
	2	0.505	460	116				
		TOTAL	659	170			0	

041

redo

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	0.489	1157	158	V			
	4	2.875	413	82		10	7.5643	TCE
		TOTAL	1570	240			7.5643	

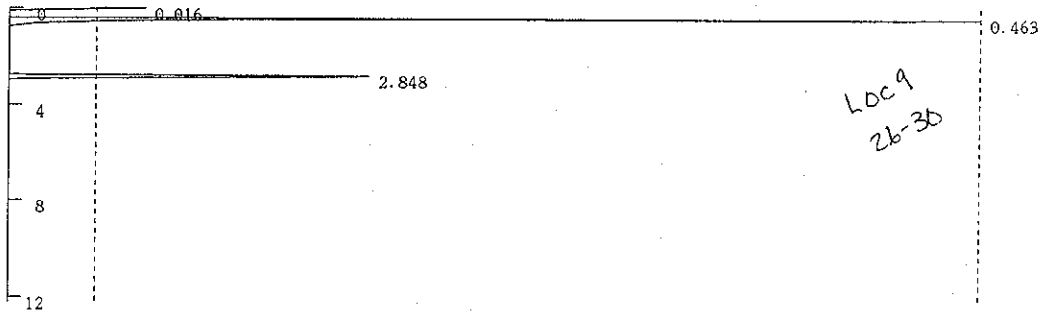
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTB.C27 01/12/12 13:14:31

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	348	124				
	2	0.435	3316	2850				
	3	0.511	3170	368	V			
	4	2.851	4191	593		10	76.7718	TCE
		TOTAL	11025	3935			76.7718	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTB.C28 01/12/12 13:19:35



Loc 9
26-30

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	220	86				
	2	0.463	11370	2422				
	3	2.848	6376	894		10	116.8046	TCE
		TOTAL	17966	3403			116.8046	

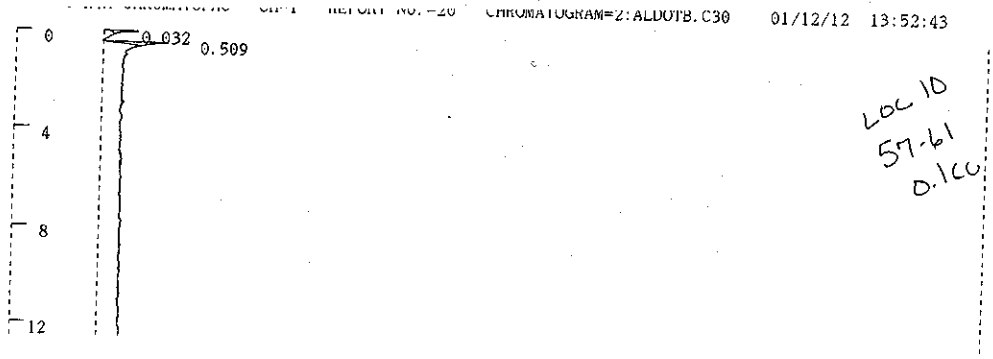
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTB.C29 01/12/12 13:36:08

Loc 9
26-30
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.034	242	67				
	2	0.503	584	141				
	3	2.891	687	132		10	12.584	TCE
		TOTAL	1513	340			12.584	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTB.C30 01/12/12 13:52:43



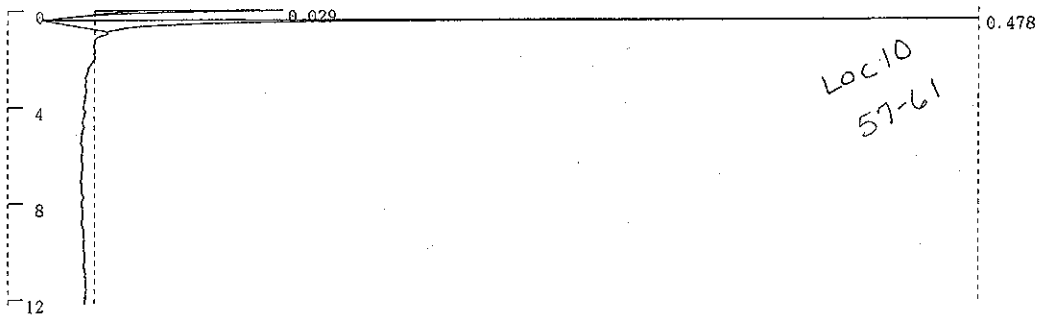
Loc 10
57-61
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	227	60				
	2	0.509	595	114				
		TOTAL	823	174			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTB.C32 01/12/12 14:14:48

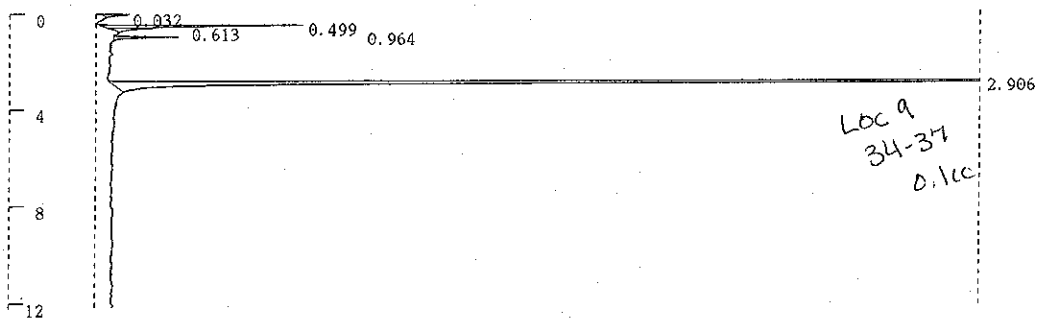


Loc 10
57-61

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	1752	351				
	2	0.478	12661	3990	S			
		TOTAL	14413	4341			0	

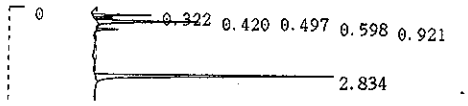
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTB.C33 01/12/12 14:28:56



Loc 9
34-37
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	228	59				
	3	0.499	1933	456	V			
	4	0.613	413	95	V			
	5	0.964	532	145		3	2.66	1,1-DCE
	6	2.906	20211	3657		10	370.2563	TCE
		TOTAL	23317	4413			372.9163	



Loc 9
34-37
10 ul

044

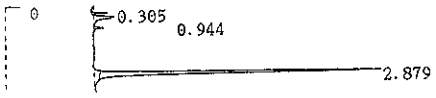
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.322	402	135				
	2	0.42	179	41	V			
	3	0.497	131	41	V			
	4	0.598	1006	228	V			
	5	0.921	183	52		3	0.915	1,1-DCE
	6	2.834	3118	536		10	57.1199	TCE
		TOTAL	5019	1032			58.0349	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTB.C35 01/12/12 14:53:24

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOT.C35 01/12/12 15:03:01



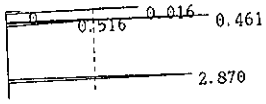
Loc 9
34-37
dup
10 ul

045

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.305	104	38				
	2	0.944	103	22		3	0.5155	1,1-DCE
	3	2.879	4101	637		10	75.1358	TCE
		TOTAL	4308	697			75.6513	

C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOT.C36 01/12/12 15:21:49

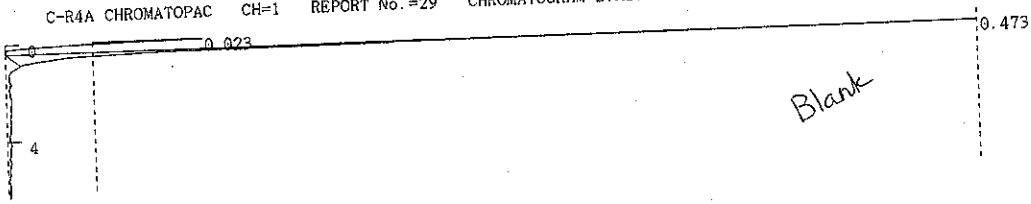


TCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	200	80				
	2	0.461	1689	683				
	3	0.516	2879	358	V			
	4	2.87	3698	557		10	67.751	TCE
		TOTAL	8466	1677			67.751	

C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOT.C37 01/12/12 15:26:43

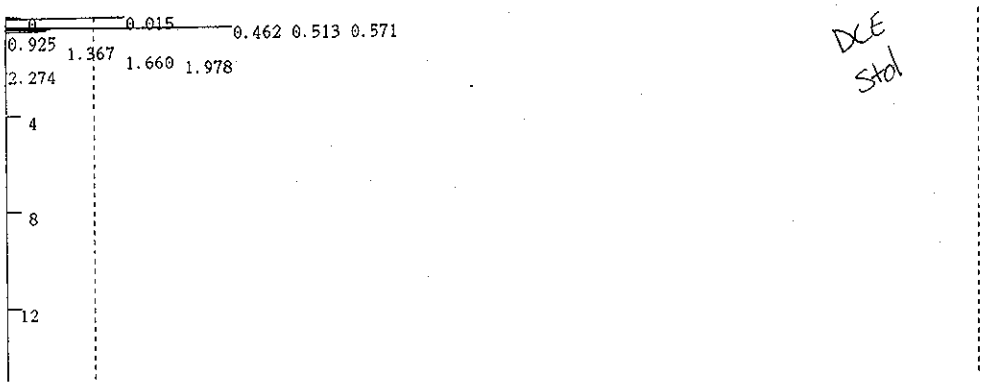


Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	633	191				
	2	0.473	12082	3729				
		TOTAL	12715	3920			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOT.C38 01/12/12 15:54:41



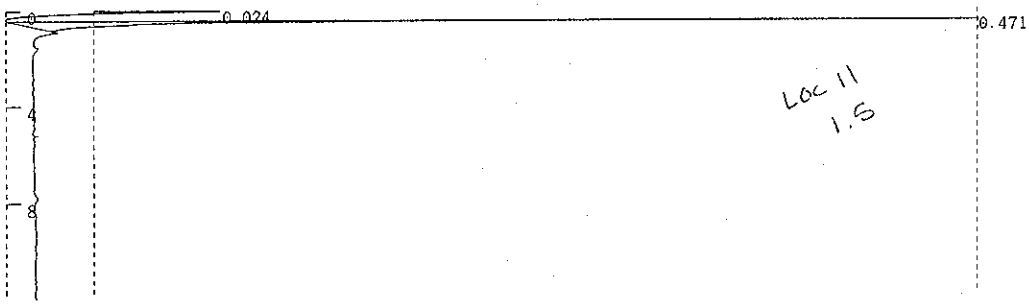
DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	130	57				
	2	0.462	1829	783				
	3	0.513	949	360	V			
	4	0.571	3130	342	V			
	5	0.925	718	111	V	3	3.592	1,1-DCE
	6	1.367	328	63		5	1.642	1,1-DCA
	7	1.66	309	63		6	1.7584	C-DCE
	8	1.978	232	43		7	1.8057	TCA
	9	2.274	360	66		8		1,2-DCA
	TOTAL		7984	1889			8.7981	

046

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOT.C39 01/12/12 16:06:50

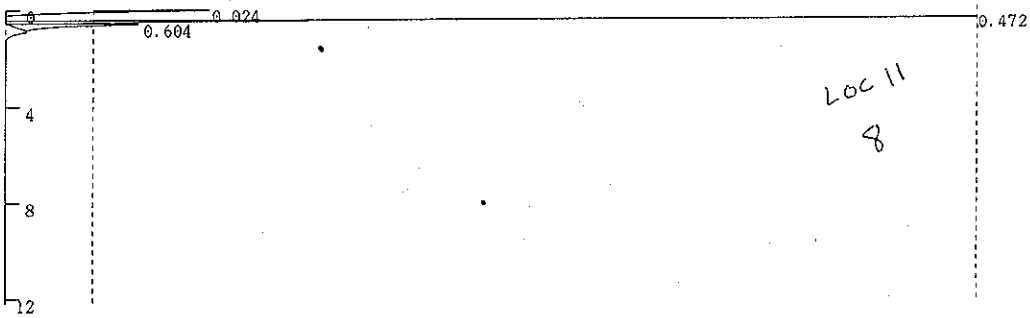


Loc 11
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	772	217				
	2	0.471	10635	3137				
	TOTAL		11407	3353			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:ALDOT.C40 01/12/12 16:20:15



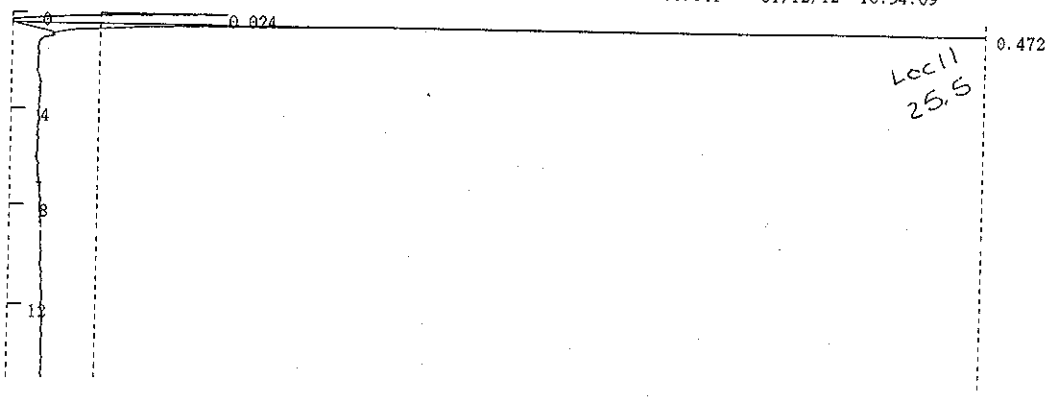
Loc 11
8

047

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	678	201				
	2	0.472	7787	2985				
	3	0.604	2521	347	V			
	TOTAL		10986	3533			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:ALDOT.C41 01/12/12 16:34:09

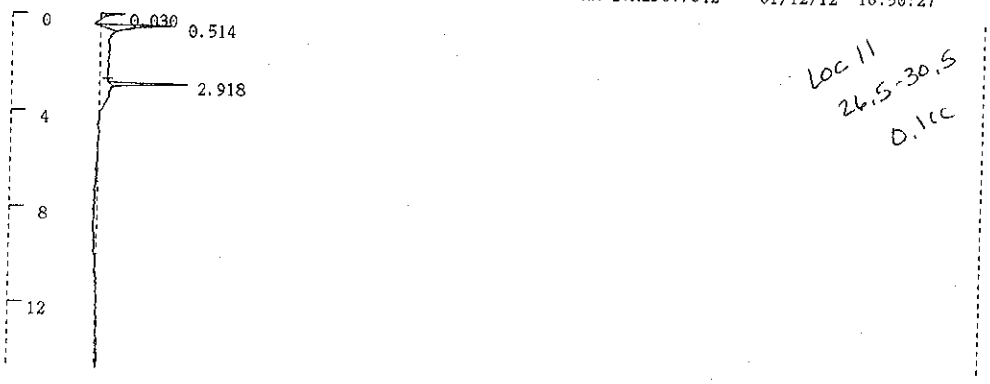


Loc 11
25.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	761	219				
	2	0.472	9312	2947				
		TOTAL	10073	3165			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOT.C42 01/12/12 16:50:27



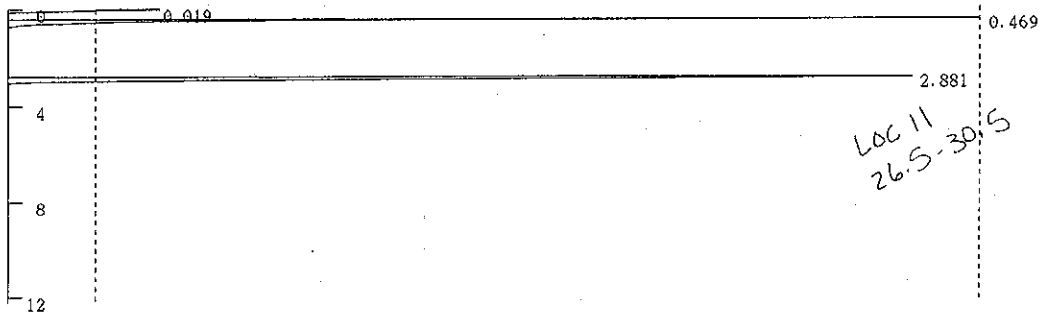
Loc 11
26.5-30.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	156	43				
	2	0.514	1199	165				
	3	2.918	908	175				
		TOTAL	2262	383			0	

048

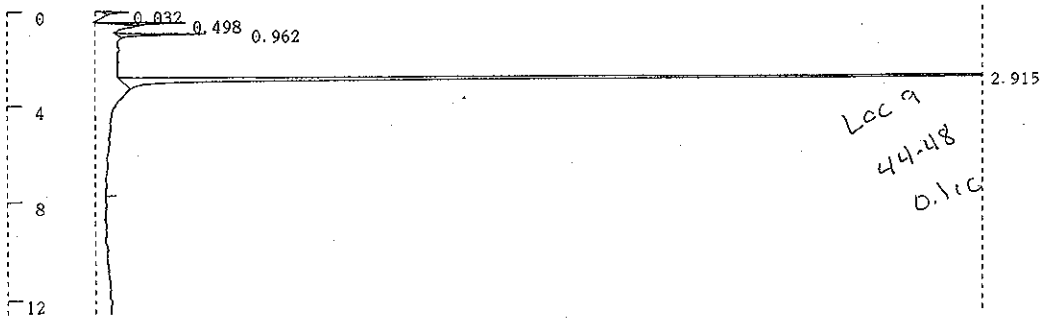
C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:ALDOT.C43 01/12/12 17:07:04



Loc 11
26.5-30.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	307	114				
	2	0.469	10598	2891				
	3	2.881	15173	2132		10	277.9711	TCE
		TOTAL	26077	5137			277.9711	



Loc 9
44-48
0.1cc

** CALCULATION REPORT **

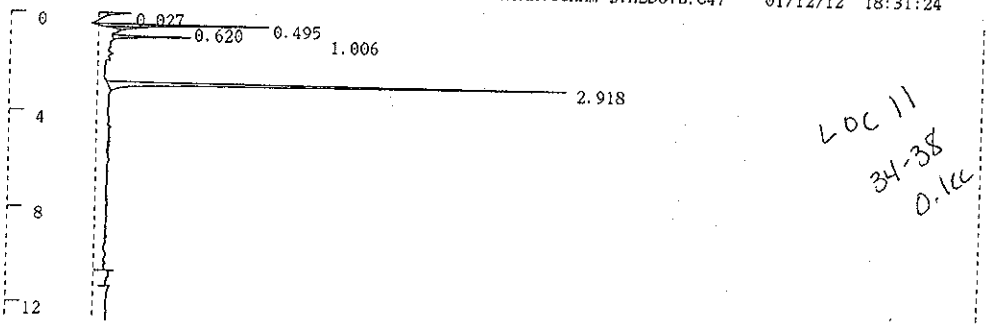
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	221	60				
	2	0.498	641	176				
	3	0.962	794	202		3	3.968	1,1-DCE
	4	2.915	18664	3371				
	TOTAL		20320	3808			3.968	

049

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:ALDOT.C45 01/12/12 17:39:00

* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)

C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:ALDOTB.C47 01/12/12 18:31:24

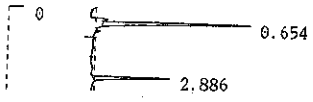


Loc 11
34-38
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	190	53				
	2	0.495	1675	390				
	3	0.62	378	83	V			
	4	1.006	659	175				
	5	2.918	5683	1036				
	TOTAL		8584	1736			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=39 CHROMATOGRAM=2:ALDOTB.C48 01/12/12 18:47:41



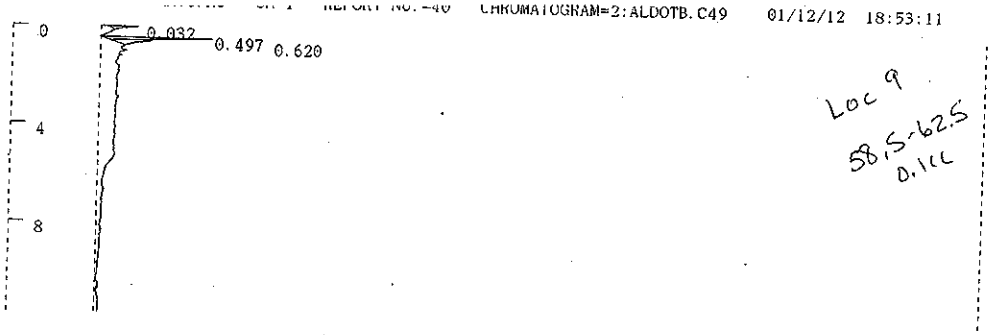
Loc 11
34-38
10uL

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.654	1756	335				
	2	2.886	961	174		10	17.6037	TCE
	TOTAL		2717	509			17.6037	

050

CH=1 REPORT No.=40 CHROMATOGRAM=2:ALDOTB.C49 01/12/12 18:53:11

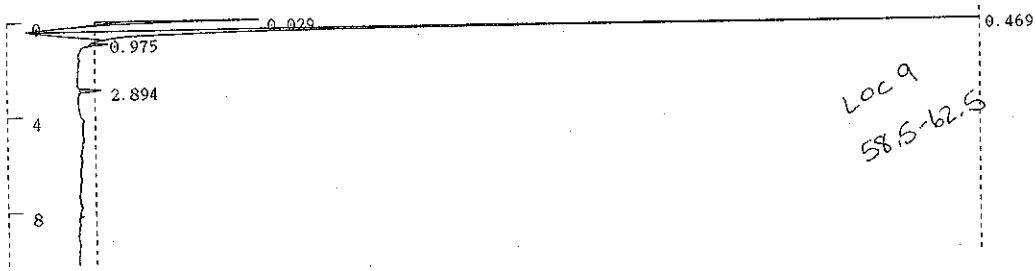


Loc 9
58.5-62.5
0.11c

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	273	65				
	2	0.497	1167	247				
	3	0.62	569	86	V			
		TOTAL	2008	398			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=41 CHROMATOGRAM=2:ALDOTB.C50 01/12/12 19:06:21

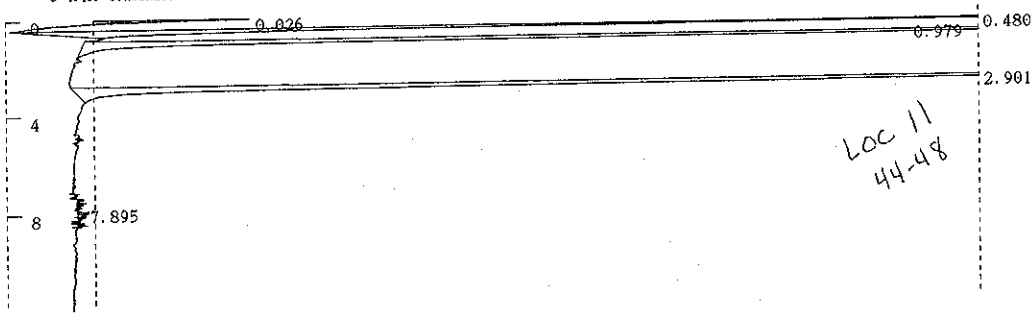


Loc 9
58.5-62.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	1521	317				
	2	0.469	14450	4614				
	3	0.975	202	45				
	4	2.894	268	47		10	4.9153	TCE
		TOTAL	16441	5023			4.9153	

C-R4A CHROMATOPAC CH=1 REPORT No.=42 CHROMATOGRAM=2:ALDOTB.C51 01/12/12 19:33:33

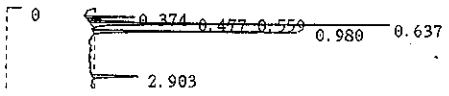


Loc 11
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1175	280				
	2	0.48	20018	5623				
	3	0.979	26760	4594				
	4	2.901	33897	5033		10	620.9984	TCE
	6	7.895	175	23				
		TOTAL	82025	15554			620.9984	

C-R4A CHROMATOPAC CH=1 REPORT No.=43 CHROMATOGRAM=2:ALDOTB.C52 01/12/12 19:46:57



Loc 11
44-48
10uL

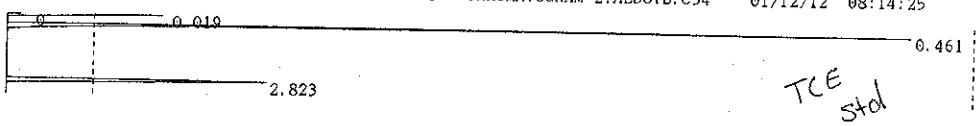
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.374	329	113				
	2	0.477	125	34	V			
	3	0.559	328	102	V			
	4	0.637	2331	679	V			
	5	0.98	1570	461				
	6	2.903	532	104		10	9.7536	TCE
	TOTAL		5216	1493			9.7536	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTB.C54 01/12/12 08:14:25

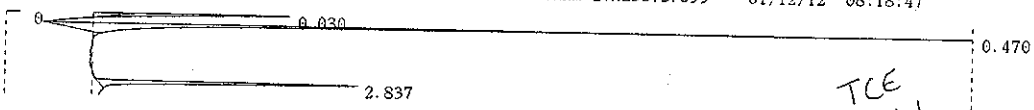


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	333	118				
	2	0.461	10166	2255				
	3	2.823	4506	668		10	82.5444	TCE
	TOTAL		15005	3040			82.5444	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTB.C55 01/12/12 08:18:47



TCE Std

052

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	1884	362				
	2	0.47	9631	2233				
	3	2.837	4084	592		10	74.8115	TCE
	TOTAL		15598	3186			74.8115	

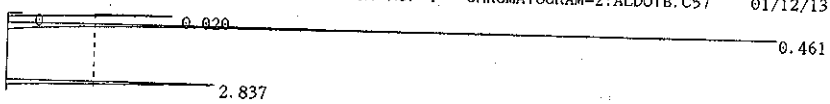
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTB.C56 01/12/13 09:02:27

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	501	161				
	2	0.465	8797	1945				
	3	2.837	4223	612		10	77.3654	TCE
	TOTAL		13521	2717			77.3654	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTB.C57 01/12/13 09:06:47



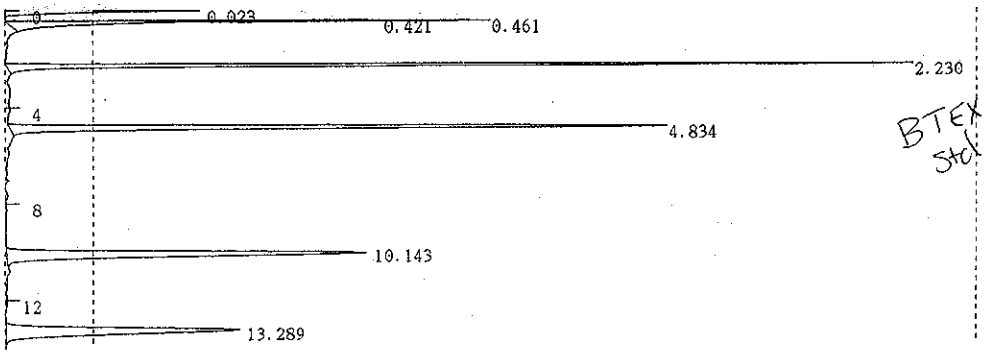
TCE Std

053

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	381	130				
	2	0.461	8933	1901				
	3	2.837	3680	528		10	67.4231	TCE
	TOTAL		12995	2559			67.4231	

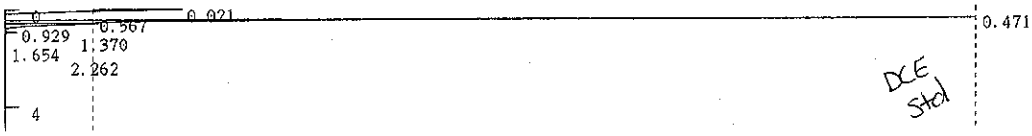
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTB.C58 01/12/13 09:19:46



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	623	184				
	2	0.421	1107	942				
	3	0.461	6496	1192	V			
	4	2.23	13723	2051		8		1,2-DCA
	5	4.834	13119	1490		11	20.085	TOLUENE
	6	10.143	11839	816		14	24.0568	EBZ
	7	13.289	9557	533		16	23.2987	O-XYL
		TOTAL	56463	7208			67.4406	

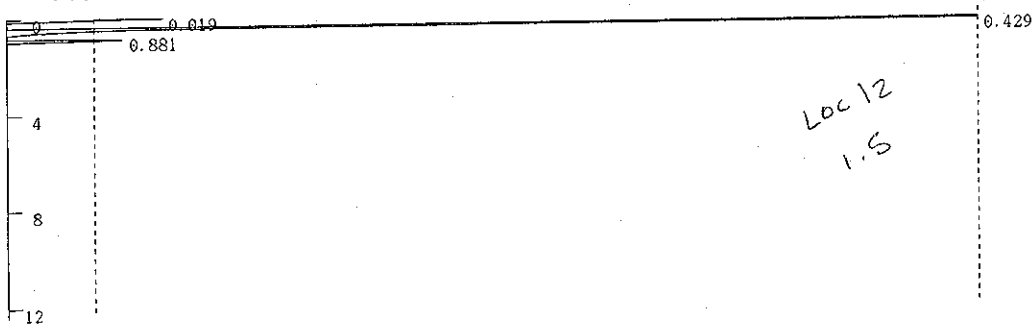
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTB.C59 01/12/13 09:35:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	477	158				
	2	0.471	6861	2488				
	3	0.567	3108	340	V			
	4	0.929	560	85	V	3	2.801	1,1-DCE
	5	1.37	230	43		5	1.152	1,1-DCA
	6	1.654	237	45		6	1.3532	C-DCE
	7	2.262	280	50		8		1,2-DCA
		TOTAL	11754	3211			5.3062	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTB.C60 01/12/13 09:43:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	316	119				
	2	0.429	19085	4661				
	3	0.881	2463	377	V	3	12.317	1,1-DCE
		TOTAL	21864	5157			12.317	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTB.C61 01/12/13 09:57:46

** CALCULATION REPORT **

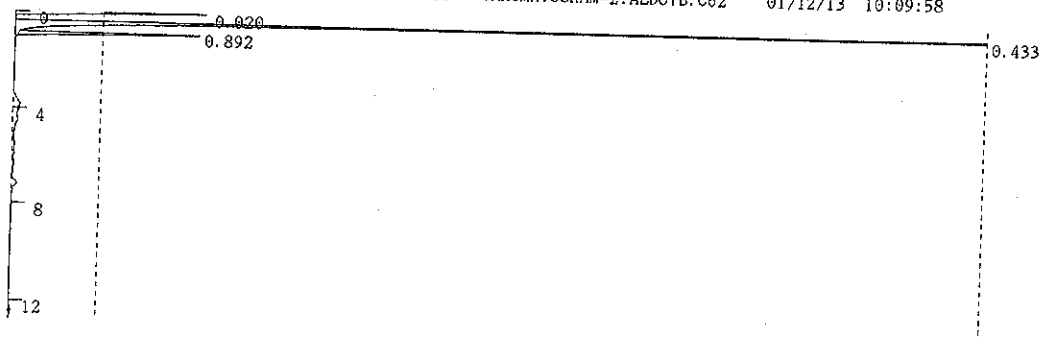
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	150	49				
	2	0.451	569	163				
	3	0.533	847	123	V			
		TOTAL	1566	335			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTB.C61 01/12/13 09:57:46

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	150	49				
	2	0.451	569	163				
	3	0.533	847	123	V			
	4	0.918	70	22		3	0.351	1,1-DCE
	TOTAL		1636	357			0.351	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTB.C62 01/12/13 10:09:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	508	173				
	2	0.433	31366	13385	S			
	3	0.892	2208	415	T	3	11.0385	1,1-DCE
	TOTAL		34082	13973			11.0385	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTB.C63 01/12/13 10:23:45

Loc 12
9

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

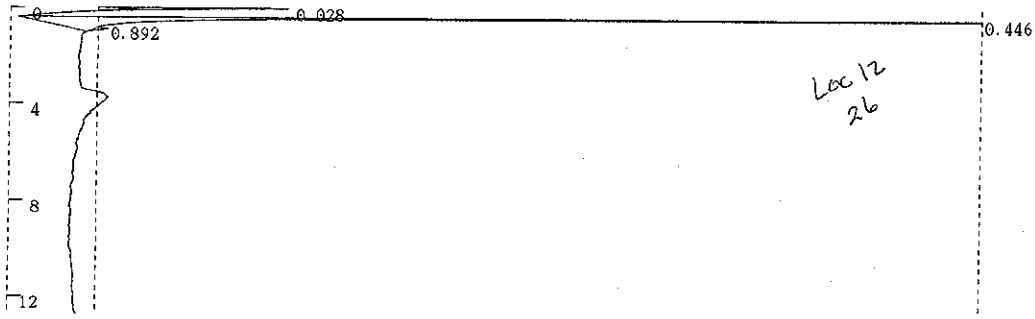
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTB.C64 01/12/13 10:26:22

Loc 12
9
0.1CC

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.046	343	79				
	2	0.479	739	176				
	3	0.562	943	131	V			
	4	0.946	200	56		3	0.9995	1,1-DCE
	TOTAL		2225	442			0.9995	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTB.C65 01/12/13 10:32:50

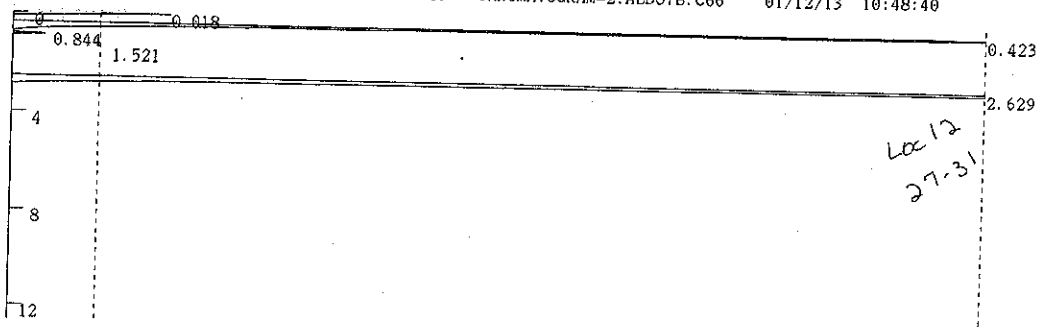


Loc 12
26

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1524	347				
	2	0.446	26178	10906	S			
	3	0.892	160	33	T	3	0.798	1,1-DCE
	TOTAL		27862	11285			0.798	

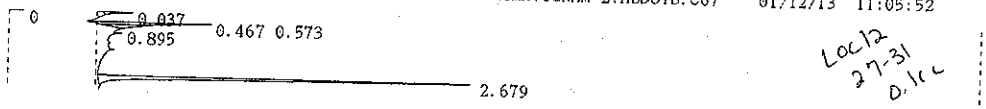
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTB.C66 01/12/13 10:48:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	297	117				
	2	0.423	30258	11412	S			
	3	0.844	513	110	T			
	4	1.521	323	69				
	5	2.629	33502	5269		10	613.762	TCE
	TOTAL		64894	16978			613.762	

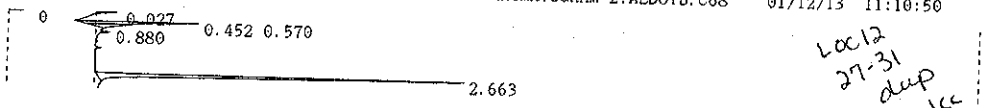
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTB.C67 01/12/13 11:05:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.037	246	68				
	2	0.467	1076	272				
	3	0.573	594	98	V			
	4	0.895	54	21		3	0.2705	1,1-DCE
	5	2.679	4431	842		10	81.1777	TCE
	TOTAL		6401	1300			81.4482	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTB.C68 01/12/13 11:10:50



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	101	37				
	2	0.452	1266	273				
	3	0.57	518	90	V			
	4	0.88	61	21		3	0.3065	1,1-DCE
	5	2.663	4256	829		10	77.9662	TCE
	TOTAL		6202	1251			78.2727	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTB.C68 01/12/13 11:10:50

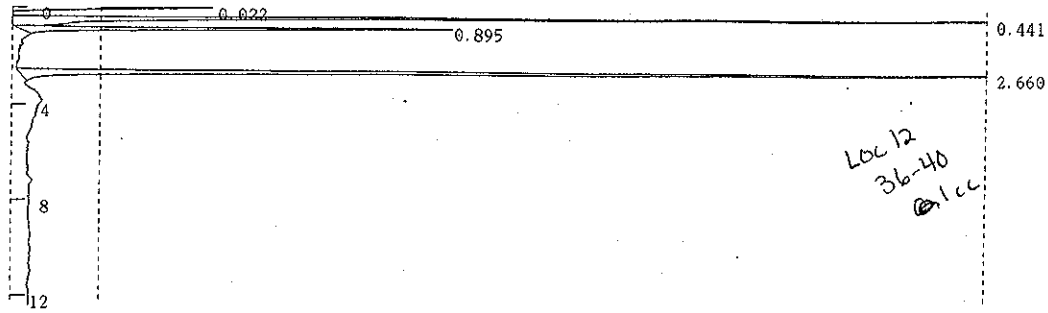
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	101	37				
	2	0.452	1266	273				
	3	0.57	518	90	V			
	4	0.88	61	21		3	0.3065	1,1-DCE
	5	2.663	4256	829		10	77.9662	TCE
	TOTAL		6202	1251			78.2727	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTB.C68 01/12/13 11:10:50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	101	37				
	2	0.452	1266	273				
	3	0.57	518	90	V			
	4	0.88	61	21		3	0.3065	1,1-DCE
	5	1.555	42	12		6	0.2377	C-DCE
	6	2.663	4256	829		10	77.9662	TCE
	TOTAL		6244	1263			78.5104	



Loc 12
36-40
@ 1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	596	191				
	2	0.441	25462	7996				
	3	0.895	6403	1006	V	3	32.017	1,1-DCE
	4	2.66	16589	2475		10	303.9086	TCE
		TOTAL	49050	11669			335.9256	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTB.C70 01/12/13 13:09:47

Loc 12
36-40
0.1cc

** CALCULATION REPORT **

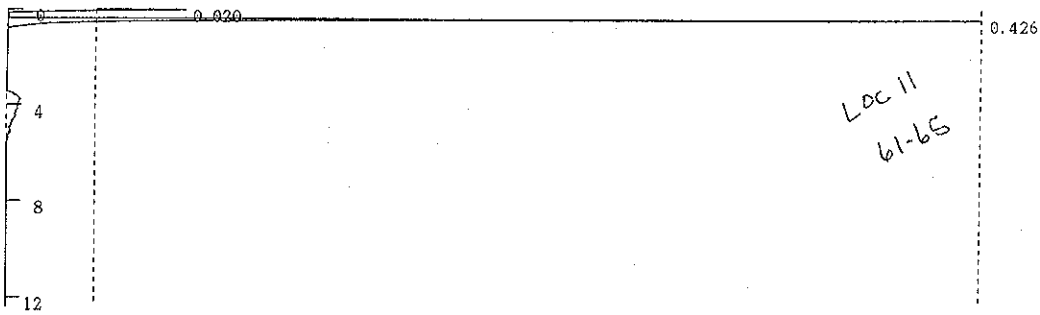
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	218	60				
	2	0.387	27	15				
	3	0.454	1547	360				
	4	0.567	328	82	V			
	5	0.923	613	184		3	3.064	1,1-DCE
	6	2.672	1394	282		10	25.5344	TCE
		TOTAL	4127	983			28.5984	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTB.C70 01/12/13 13:09:47

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	218	60				
	2	0.387	27	15				
	3	0.454	1547	360				
	4	0.567	328	82	V			
	5	0.923	613	184		3	3.064	1,1-DCE
	6	2.672	1394	282		10	25.5344	TCE
		TOTAL	4127	983			28.5984	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTB.C71 01/12/13 16:03:35



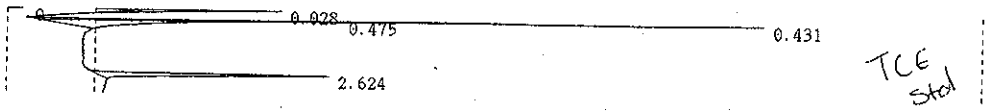
Loc 11
61-65

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	432	152				
	2	0.426	17032	5452				
		TOTAL	17463	5604			0	

059

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTB.C72 01/12/13 17:59:26

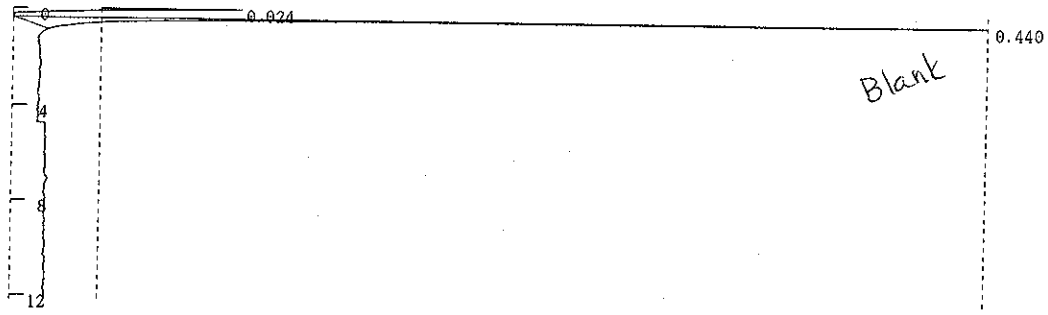


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1539	333				
	2	0.431	3546	1649				
	3	0.475	3270	443	V			
	4	2.624	3181	527		10	58.2759	TCE
		TOTAL	11535	2952			58.2759	

060

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTB.C73 01/12/13 18:06:33



** CALCULATION REPORT **

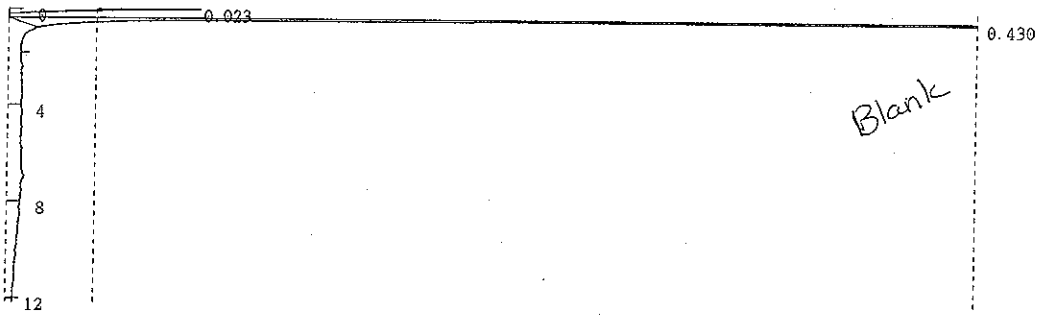
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	832	244				
	2	0.44	15300	5298				
		TOTAL	16132	5542			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTB.C74 01/12/13 18:19:52

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	1038	272				
	2	0.432	3406	1558				
	3	0.474	1054	469	V			
	4	0.527	3339	403	V			
	5	0.851	685	124	V			
	6	1.252	353	74				
	7	1.525	375	78				
	8	1.814	276	50				
	9	2.078	452	87		9	0.6137	BENZENE
		TOTAL	10978	3116			0.6137	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTB.C75 01/12/14 08:19:30

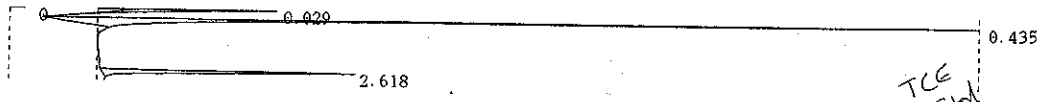


061

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	569	180				
	2	0.43	69961	29336				
		TOTAL	70531	29516			0	

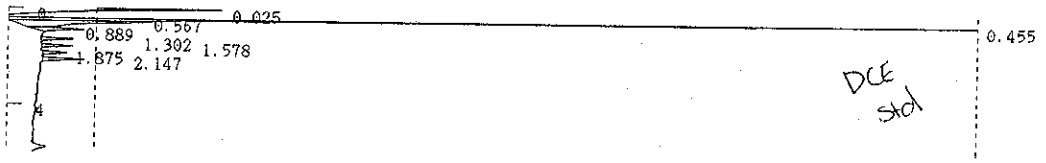
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTB.C76 01/12/14 08:59:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	1683	328				
	2	0.435	10289	3106				
	3	2.618	3751	580				
	TOTAL		15723	4013			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTB.C77 01/12/14 08:45:38



** CALCULATION REPORT **

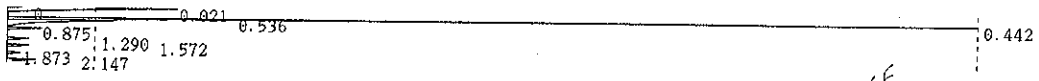
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	794	222				
	2	0.455	7185	2934				
	3	0.567	2972	335	V			
	4	0.889	687	113	V	3	3.435	1,1-DCE
	5	1.302	350	72		5	1.7505	1,1-DCA
	6	1.578	350	71		6	1.9961	C-DCE
	7	1.875	307	56		7	2.3938	TCA
	8	2.147	497	97		9	0.6747	BENZENE
	TOTAL		13141	3900			10.2501	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTB.C78 01/12/14 08:53:18

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1227	284				
	2	0.454	6789	2776				
	3	0.552	2932	342	V			
	4	0.886	593	103	V	3	2.9665	1,1-DCE
	5	1.301	343	69		5	1.717	1,1-DCA
	6	1.578	340	69		6	1.9357	C-DCE
	7	1.878	283	50		7	2.2035	TCA
	8	2.155	382	77		9	0.5183	BENZENE
	TOTAL		12889	3768			9.3411	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTB.C79 01/12/14 09:06:44



** CALCULATION REPORT **

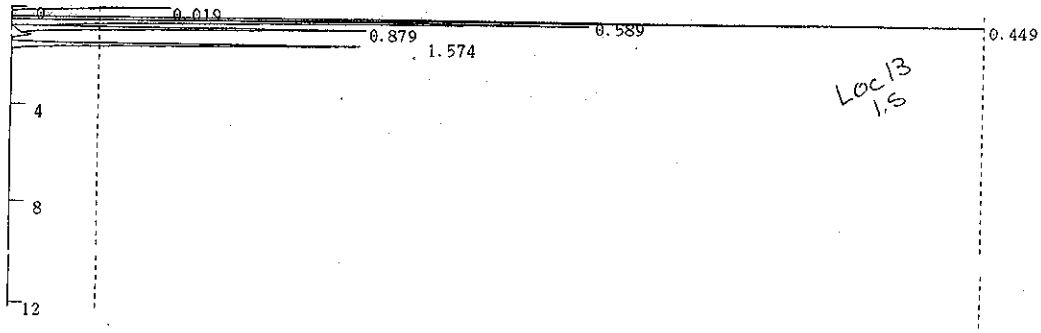
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	412	141				
	2	0.442	6310	2516				
	3	0.536	2840	344	V			
	4	0.875	584	110	V	3	2.9175	1,1-DCE
	5	1.29	324	71		5	1.6185	1,1-DCA
	6	1.572	329	70		6	1.8742	C-DCE
	7	1.873	285	52		7	2.2214	TCA
	8	2.147	433	87		9	0.5876	BENZENE
	TOTAL		11516	3389			9.2192	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTB.C79 01/12/14 09:06:44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	412	141				
	2	0.442	6263	2511				
	3	0.536	2344	329	V			
	4	0.875	362	83		3	1.808	1,1-DCE
	5	1.29	324	71		5	1.6185	1,1-DCA
	6	1.572	329	70		6	1.8742	C-DCE
	7	1.873	285	52		7	2.2214	TCA
	8	2.147	433	87		9	0.5876	BENZENE
	TOTAL		10750	3343			8.1097	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTB.C80 01/12/14 09:16:15



Loc 13
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	348	121				
	2	0.449	12756	3981				
	3	0.589	9602	1415	V			
	4	0.879	5927	834	V	3	29.6335	1,1-DCE
	5	1.574	5344	799		6	30.4619	C-DCE
	TOTAL		33977	7151			60.0954	

064

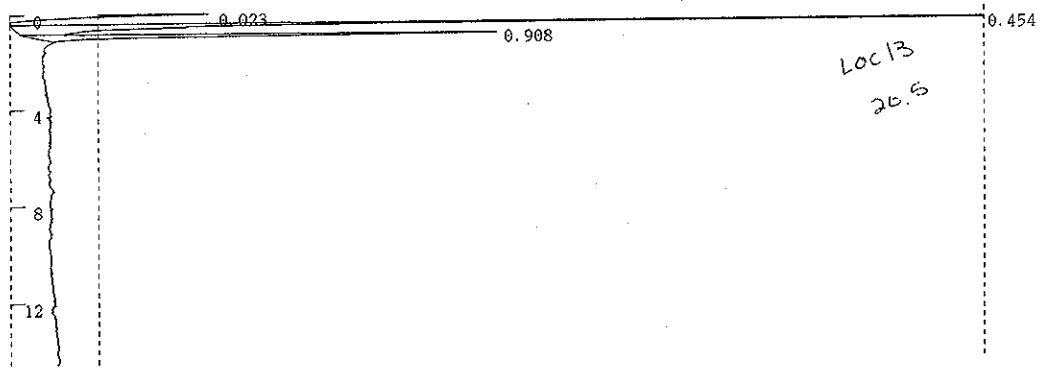
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTB.C81 01/12/14 09:31:08

Loc 13
1.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	87	31				
	2	0.47	949	188				
	3	0.62	1360	326	V			
	4	0.92	398	109		3	1.988	1,1-DCE
	5	1.612	345	96		6	1.9665	C-DCE
	TOTAL		3139	750			3.9545	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTB.C82 01/12/14 10:15:29



Loc 13
20.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	649	191				
	2	0.454	20132	6815				
	3	0.908	6854	1058	V	3	34.269	1,1-DCE
	TOTAL		27635	8064			34.269	

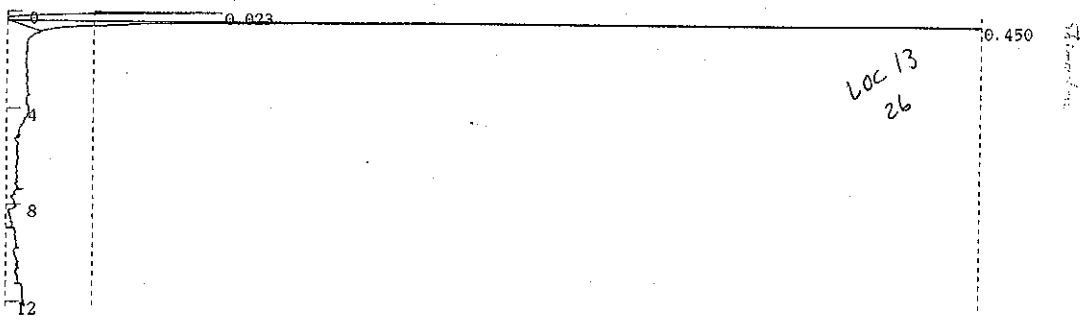
065

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTB.C83 01/12/14 10:32:19

Loc 13
20.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.033	321	73				
	2	0.478	653	159				
	3	0.58	756	102	V			
	4	0.927	160	38		3	0.799	1,1-DCE
	TOTAL		1890	372			0.799	

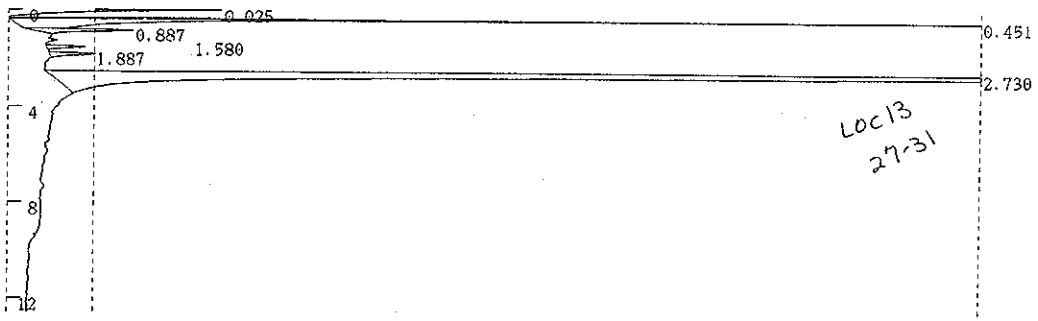


Loc 13
26

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	747	219				
	2	0.45	23043	10484				
		TOTAL	23790	10703			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTB.C85 01/12/14 11:02:40



Loc 13
27-31

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	781	220				
	2	0.451	12094	2803				
	3	0.887	1581	230	V	3	7.9035	1,1-DCE
	4	1.58	497	88		6	2.8329	C-DCE
	5	1.887	694	106		7	5.414	TCA
	6	2.73	129551	18053		10	2373.3796	TCE
		TOTAL	145197	21501			2389.5297	

990

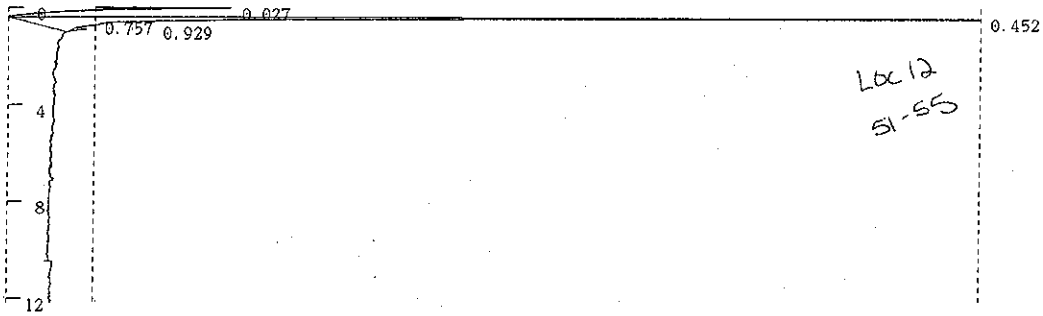
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTB.C86 01/12/14 11:24:11

Loc 13
27-31
10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.503	121	28				
	2	0.589	314	75	V			
	3	2.733	1878	345		10	34.3976	TCE
		TOTAL	2313	447			34.3976	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTB.C87 01/12/14 11:30:39



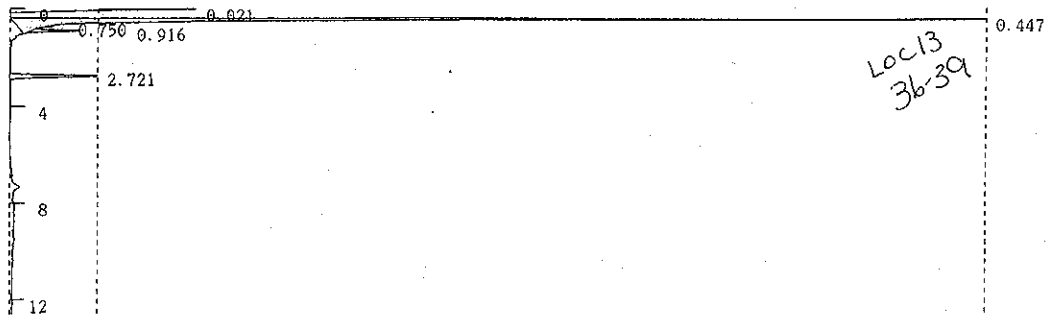
Loc 12
51-55

997

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	987	250				
	2	0.452	25745	8914	S			
	3	0.757	44	14	T			
	4	0.929	143	33	T	3	0.7145	1,1-DCE
		TOTAL	26919	9211			0.7145	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTB.C88 01/12/14 13:48:04

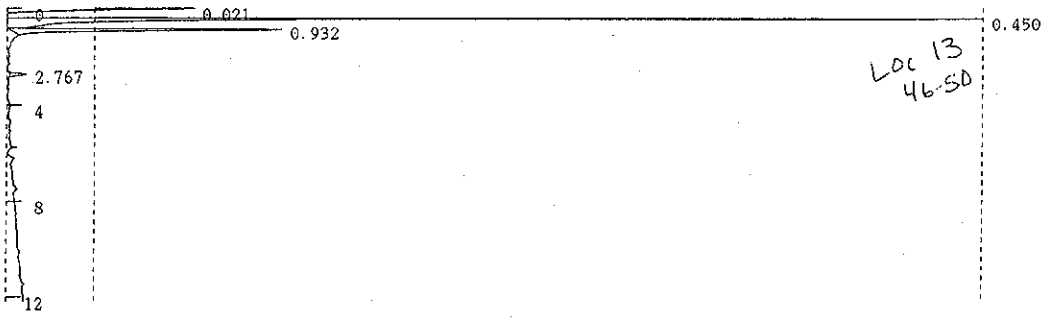


Loc 13
36-39

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	495	164				
	2	0.447	24112	7302	S			
	3	0.75	25	9	T			
	4	0.916	548	111	T	3	2.7405	1,1-DCE
	5	2.721	1322	205		10	24.2209	TCE
	TOTAL		26502	7791			26.9614	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTB.C89 01/12/14 15:31:43

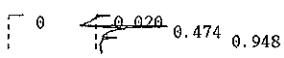


Loc 13
46-50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	500	169				
	2	0.45	16266	4800				
	3	0.932	4027	642	V	3	20.1355	1,1-DCE
	4	2.767	213	37		10	3.8948	TCE
	TOTAL		21006	5647			24.0303	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTB.C90 01/12/14 15:45:04

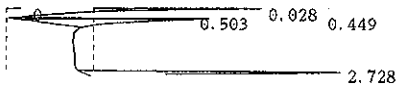


Loc 13
46-50
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	67	24				
	2	0.474	650	158				
	3	0.948	107	32		3	0.536	1,1-DCE
	TOTAL		824	214			0.536	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTB.C91 01/12/14 16:04:37

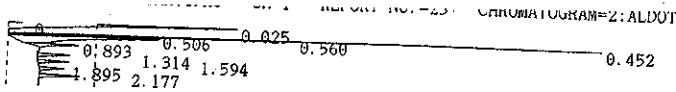


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1289	299				
	2	0.449	1105	437				
	3	0.503	3380	380	V			
	4	2.728	3594	581		10	65.8439	TCE
	TOTAL		9368	1696			65.8439	

CHROMATOGRAM=2:ALDOTB.C92 01/12/14 16:08:27

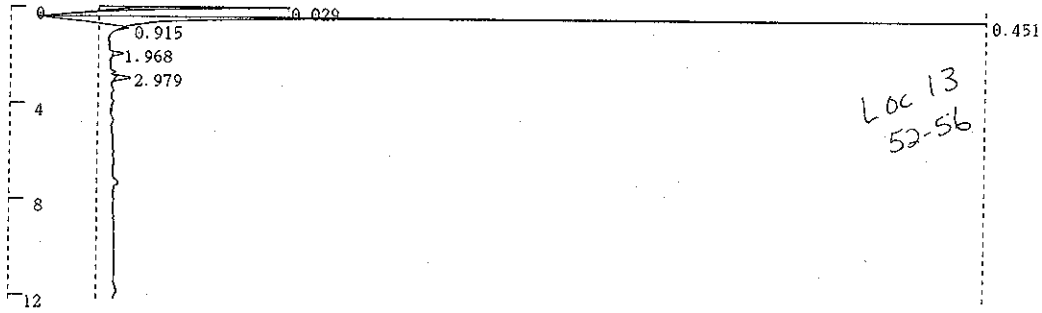


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	926	254				
	2	0.452	2712	1384				
	3	0.506	1037	377	V			
	4	0.56	3074	360	V			
	5	0.893	643	112	V	3	3.2145	1,1-DCE
	6	1.314	341	73		5	1.707	1,1-DCA
	7	1.594	329	70		6	1.8742	C-DCE
	8	1.895	295	55		7	2.2987	TCA
	9	2.177	457	91		9	0.621	BENZENE
		TOTAL	9815	2776			9.7153	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTB.C93 01/12/14 16:12:20

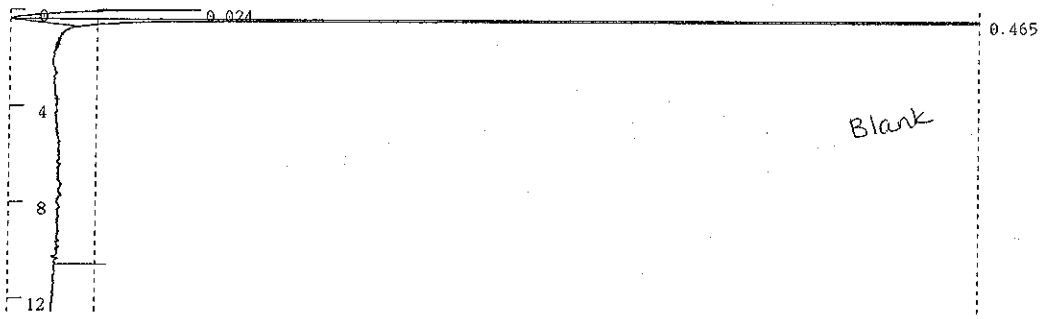


Loc 13 52-56

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.029	1827	352				
	2	0.451	12594	4115				
	3	0.915	76	18		3	0.3805	1,1-DCE
	5	1.968	189	24		7	1.4758	TCA
	6	2.979	292	34				
		TOTAL	14979	4543			1.8563	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTC.C01 01/12/17 09:11:52



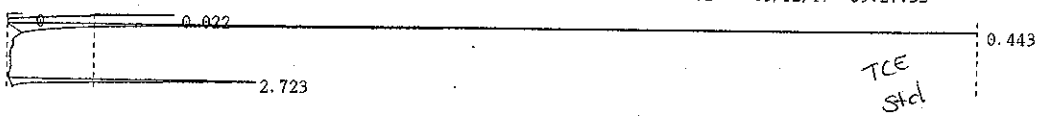
Blank

070

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	596	177				
	2	0.465	67865	32553				
		TOTAL	68461	32730			0	

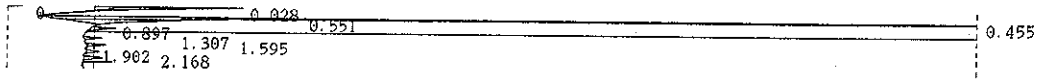
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTC.C02 01/12/17 09:27:32



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	419	138				
	2	0.443	12045	3143				
	3	2.723	3806	563		10	69.7259	TCE
		TOTAL	16270	3844			69.7259	

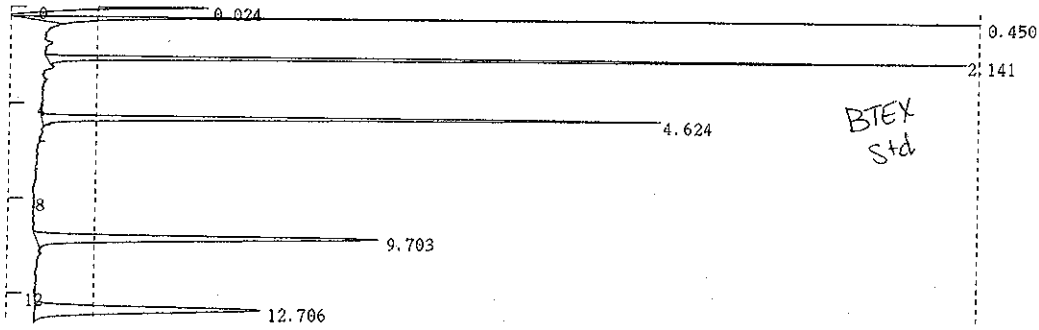
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C03 01/12/17 09:32:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1324	277				
	2	0.455	11964	5253				
	3	0.551	1675	269	V			
	4	0.897	287	60		3	1.4345	1,1-DCE
	5	1.307	213	46		5	1.0625	1,1-DCA
	6	1.595	197	45		6	1.1235	C-DCE
	7	1.902	154	32		7	1.202	TCA
	8	2.168	241	47		9	0.3277	BENZENE
		TOTAL	16054	6028			5.1501	

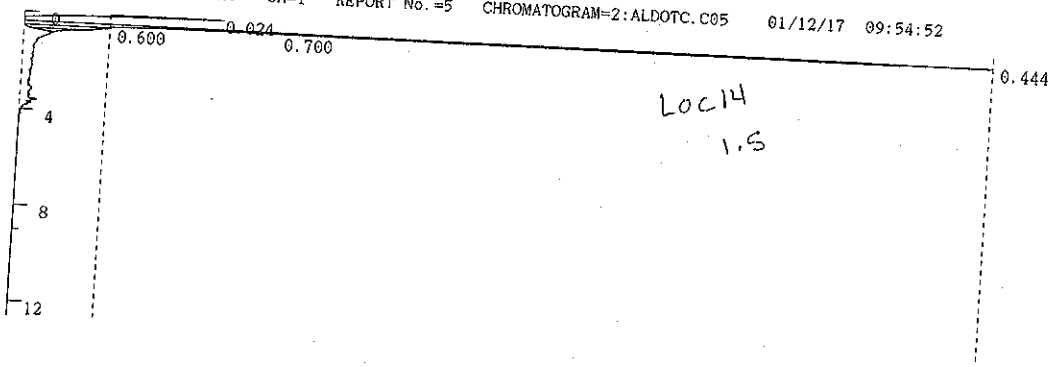
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTC.C04 01/12/17 09:36:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	665	189				
	2	0.45	8955	3065				
	3	2.141	12609	2088		9	17.1223	BENZENE
	4	4.624	11950	1403	S	11	18.295	TOLUENE
	6	9.703	10879	776		14	22.1051	EBZ
	7	12.706	9090	516		16	22.1609	O-XYL
		TOTAL	54147	8036			79.6834	

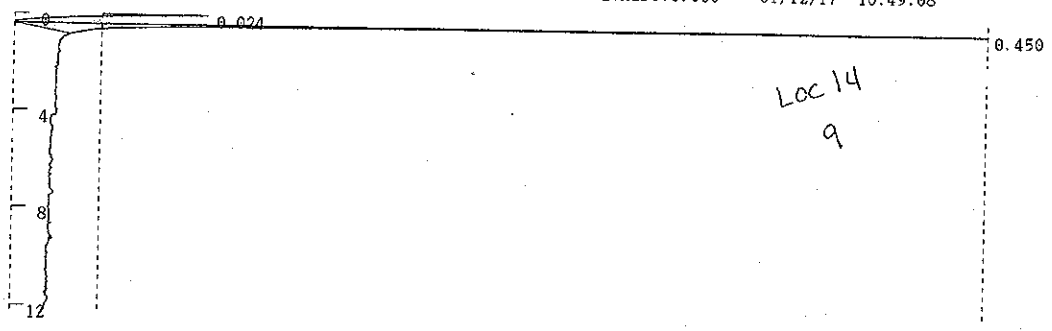
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTC.C05 01/12/17 09:54:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	625	200				
	2	0.444	32514	18059				
	3	0.6	1497	214	V			
	4	0.7	515	140	V			
		TOTAL	35151	18612			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTC.C06 01/12/17 10:49:08

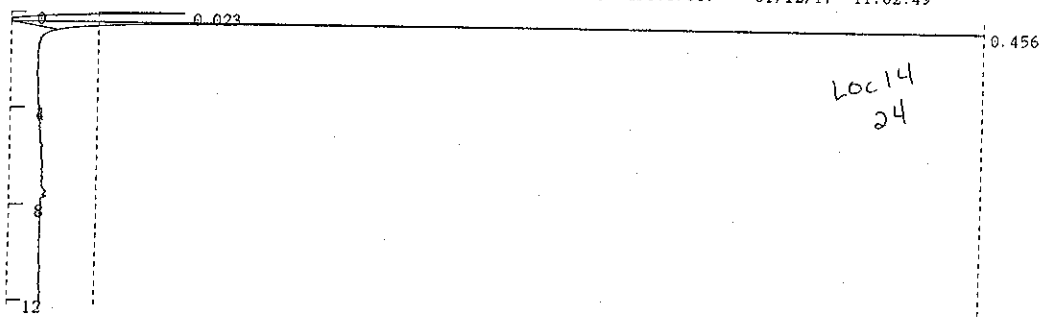


Loc 14
9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	647	182				
	2	0.45	12585	3799				
		TOTAL	13232	3981			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTC.C07 01/12/17 11:02:49

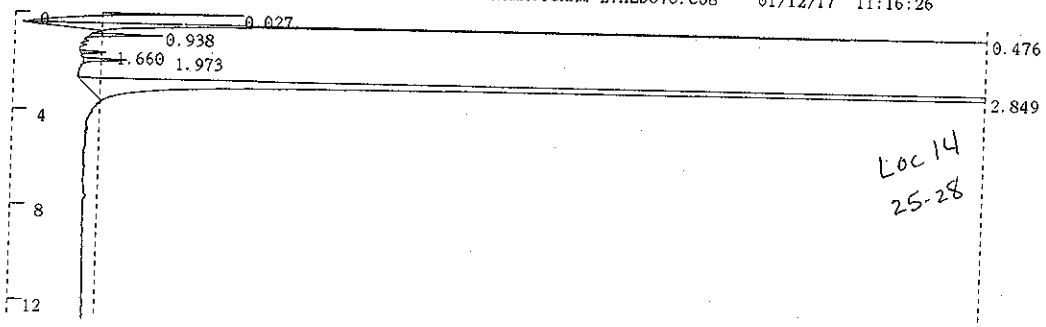


Loc 14
24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	471	147				
	2	0.456	14214	5995				
		TOTAL	14685	6142			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTC.C08 01/12/17 11:16:26

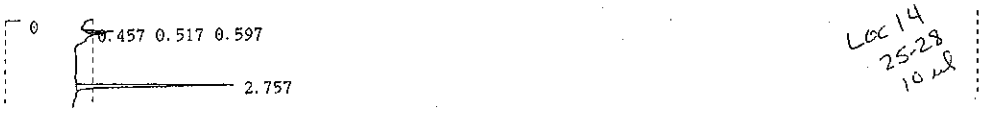


Loc 14
25-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	1005	256				
	2	0.476	13359	5367				
	3	0.938	903	168		3	4.5155	1,1-DCE
	4	1.66	320	62		6	1.8257	C-DCE
	5	1.973	655	103		7	5.1106	TCA
	6	2.849	122295	17341		10	2240.4367	TCE
		TOTAL	138538	23297			2251.8884	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTC.C09 01/12/17 11:31:32

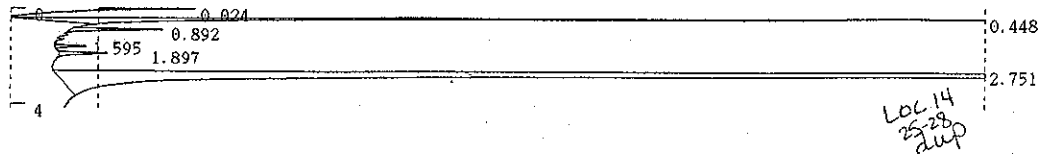


Loc 14
25-28
10 µl

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.457	86	27				
	2	0.517	253	65	V			
	3	0.597	151	42	V			
	4	2.757	1999	360		10	36.6235	TCE
		TOTAL	2489	495			36.6235	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTC.C10 01/12/17 11:38:54



Loc 14
25-28
dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	560	166				
	2	0.448	17883	8275				
	3	0.892	1083	212		3	5.4125	1,1-DCE
	4	1.595	358	70		6	2.0377	C-DCE
	5	1.897	659	112		7	5.1418	TCA
	6	2.751	132440	19817		10	2426.3005	TCE
		TOTAL	152983	28652			2438.8923	

074

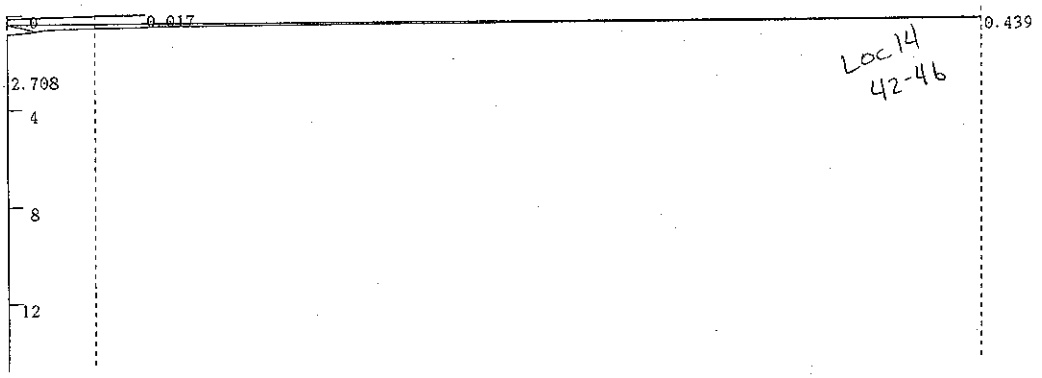
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTC.C11 01/12/17 11:47:04

Loc 14
25-28 dup, 10x dil

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.443	54	17				
	2	0.523	189	63	V			
	3	0.598	16302	5701	V			
	4	2.745	1854	360		10	33.9598	TCE
		TOTAL	18399	6141			33.9598	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTC.C12 01/12/17 15:39:35



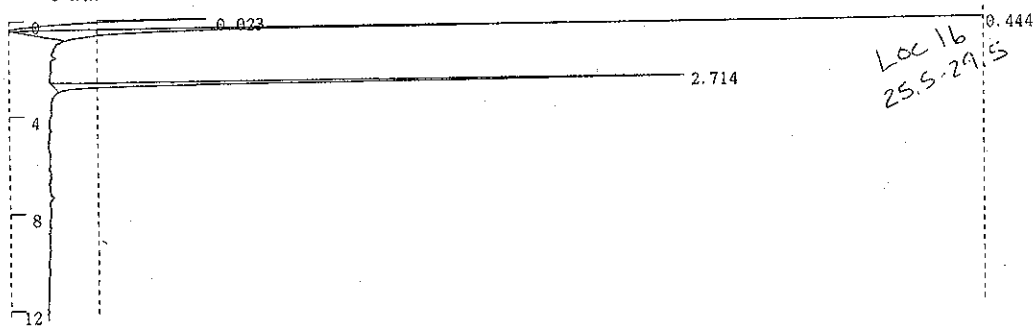
Loc 14
42-46

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	224	85				
	2	0.439	20200	6359				
	3	2.708	246	42		10	4.5031	TCE
		TOTAL	20670	6486			4.5031	

075

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTC.C13 01/12/17 16:54:17

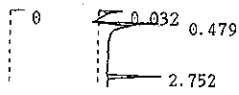


Loc 16
25.5-29.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	657	189				
	2	0.444	14626	5136				
	3	2.714	9372	1427		10	171.7005	TCE
		TOTAL	24655	6752			171.7005	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTC.C14 01/12/17 17:08:07

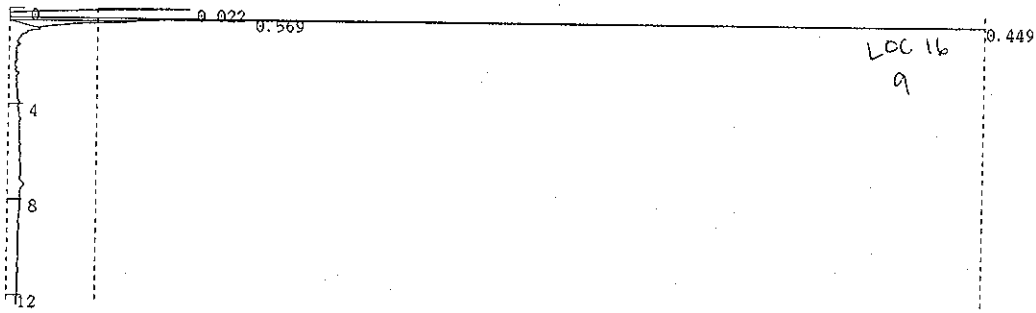


Loc 16
25.5-29.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	136	41				
	2	0.479	522	124				
	3	2.752	621	121		10	11.3694	TCE
		TOTAL	1279	285			11.3694	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTC.C15 01/12/17 17:16:15



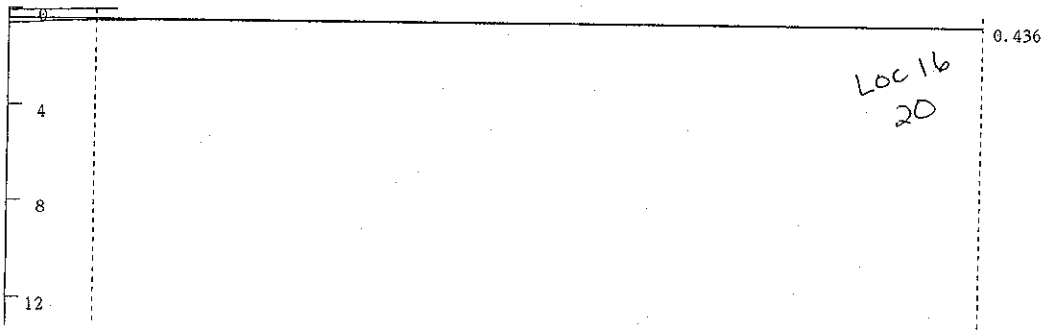
Loc 16
9

0.76

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	483	158				
	2	0.449	10266	4618				
	3	0.569	2622	329	V			
		TOTAL	13371	5104			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTC.C16 01/12/17 17:30:00



Loc 16
20

** CALCULATION REPORT **

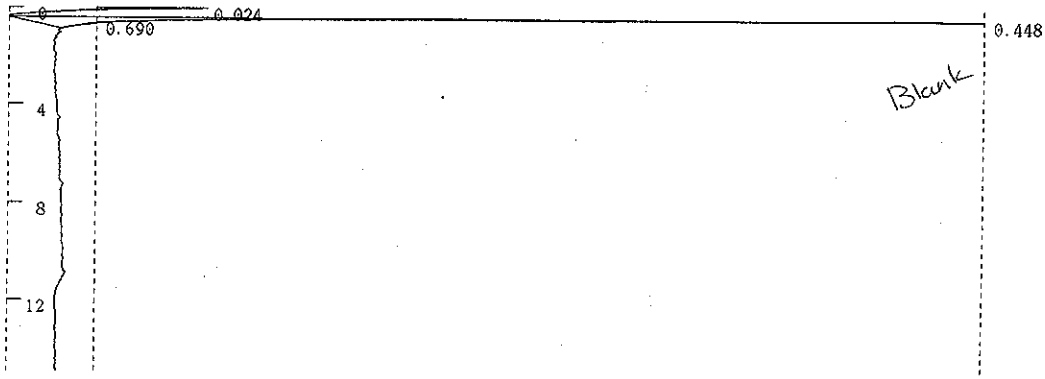
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.436	13322	5305				
		TOTAL	13322	5305			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTC.C17 01/12/17 17:57:28

TCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	339	121				
	2	0.444	2223	946				
	3	0.491	2859	357	V			
	4	2.725	3586	555		10	65.6918	TCE
		TOTAL	9007	1978			65.6918	



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** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	655	190				
	2	0.448	14895	5910	S			
	3	0.69	73	18	T			
	TOTAL		15623	6119			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTC.C19 01/12/17 18:31:00

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	536	172				
	2	0.44	2870	1304				
	3	0.49	981	393	V			
	4	0.533	2907	350	V			
	5	0.874	588	93	V	3	2.939	1,1-DCE
	6	1.29	230	49		5	1.152	1,1-DCA
	7	1.564	217	44		6	1.2392	C-DCE
	8	1.865	148	30		7	1.1505	TCA
	9	2.141	230	46		9	0.3126	BENZENE
	TOTAL		8707	2481			6.7933	

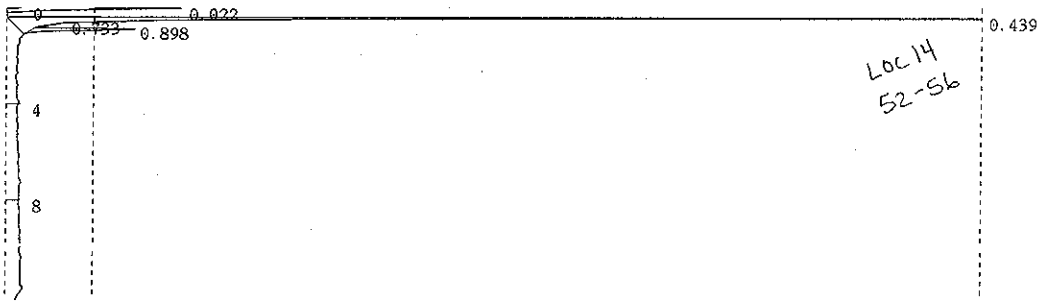
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTC.C20 01/12/17 18:35:40

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	484	159				
	2	0.444	3162	1493				
	3	0.491	877	387	V			
	4	0.547	2379	326	V			
	5	0.878	330	71		3	1.649	1,1-DCE
	6	1.293	275	57		5	1.3725	1,1-DCA
	7	1.564	270	56		6	1.5367	C-DCE
	8	1.868	207	39		7	1.6138	TCA
	9	2.141	365	66		9	0.495	BENZENE
	TOTAL		8346	2655			6.667	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTC.C21 01/12/17 19:36:27

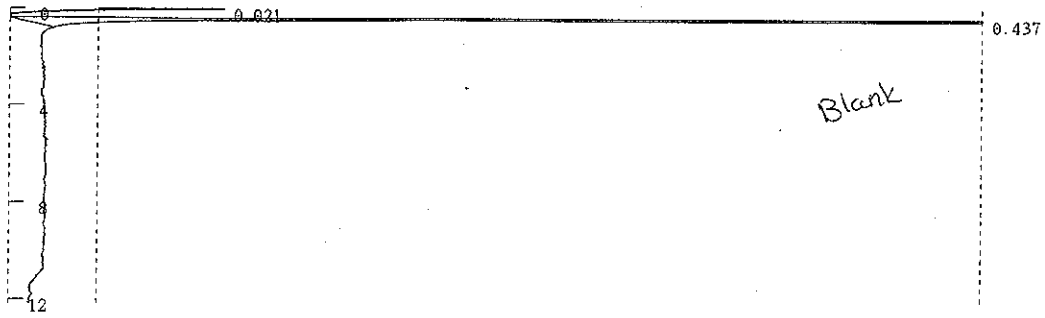


Loc 14
52-56

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	446	150				
	2	0.439	18980	5094	S			
	3	0.733	20	7	T			
	4	0.898	1472	237	T	3	7.3595	1,1-DCE
	TOTAL		20917	5488			7.3595	

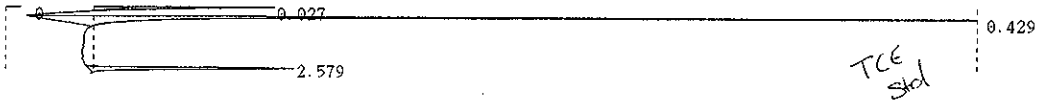
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTC.C22 01/12/18 08:32:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	634	211				
	2	0.437	70369	30862				
		TOTAL	71003	31072			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTC.C23 01/12/18 08:46:21

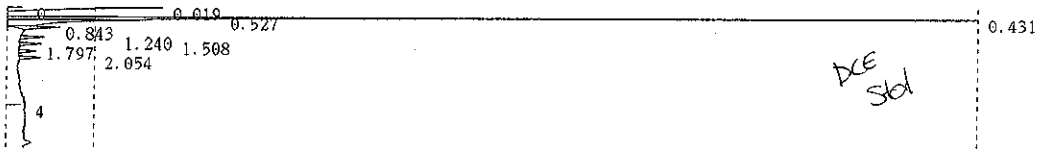


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	1458	332				
	2	0.429	15259	5400				
	3	2.579	2794	472				
		TOTAL	19511	6204			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C24 01/12/18 08:51:58

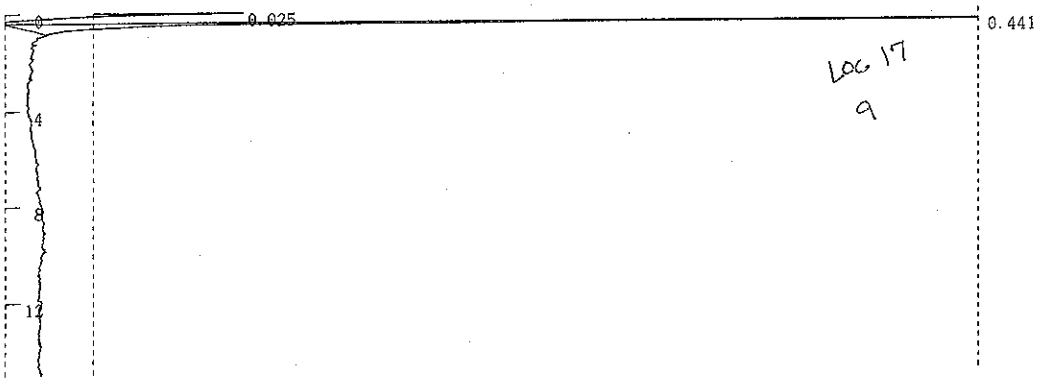
* PEAK PROC/CALC ERROR * CH=1, 8:Type mismatch of files
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTC.C24 01/12/18 09:00:00



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	286	115				
	2	0.431	9962	3870				
	3	0.527	3116	389	V			
	4	0.843	630	107	V			
	5	1.24	265	56				
	6	1.508	232	50				
	7	1.797	208	38				
	8	2.054	251	50		9	0.3411	BENZENE
		TOTAL	14950	4675			0.3411	

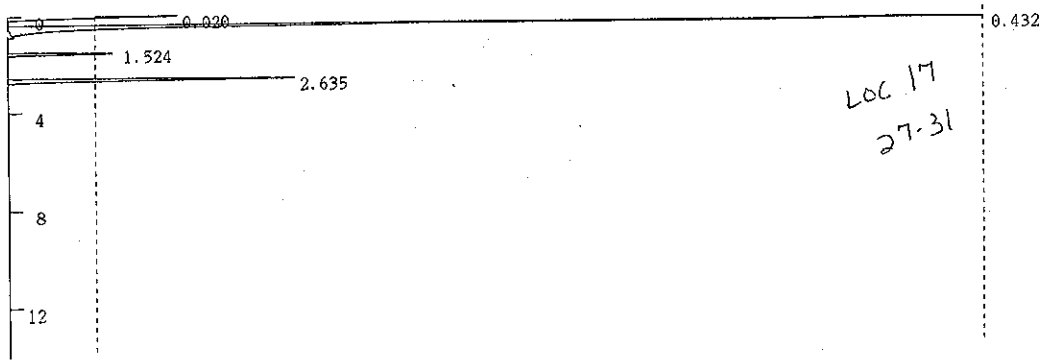
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTC.C25 01/12/18 09:46:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	955	266				
	2	0.441	25772	11459				
		TOTAL	26727	11726			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C26 01/12/18 10:18:17

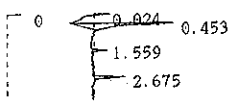


LOC 17
27.31

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	395	139				
	2	0.432	23532	9352				
	3	1.524	1570	287				
	4	2.635	4700	707		10	86.104	TCE
		TOTAL	30197	10485			86.104	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTC.C27 01/12/18 10:34:44

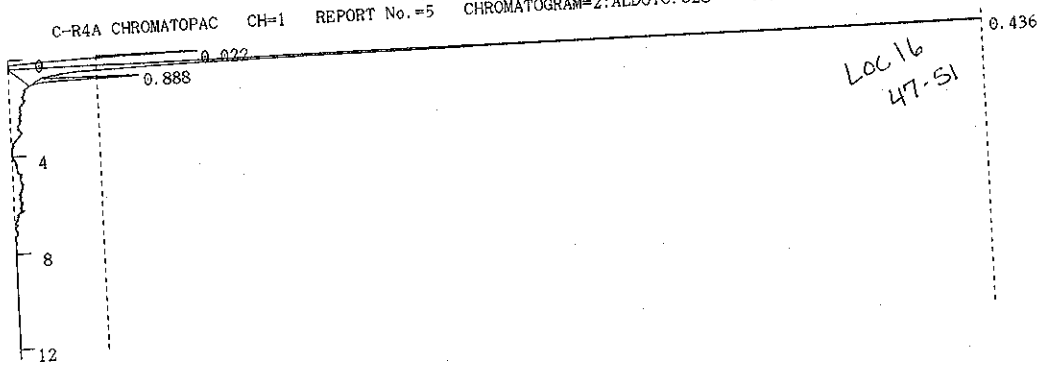


LOC 17
27.31
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	72	29				
	2	0.453	1480	226				
	3	1.559	122	35		6	0.6925	C-DCE
	4	2.675	334	70		10	6.1134	TCE
		TOTAL	2008	359			6.8059	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTC.C28 01/12/18 10:48:05



LOC 16
47.51

** CALCULATION REPORT **

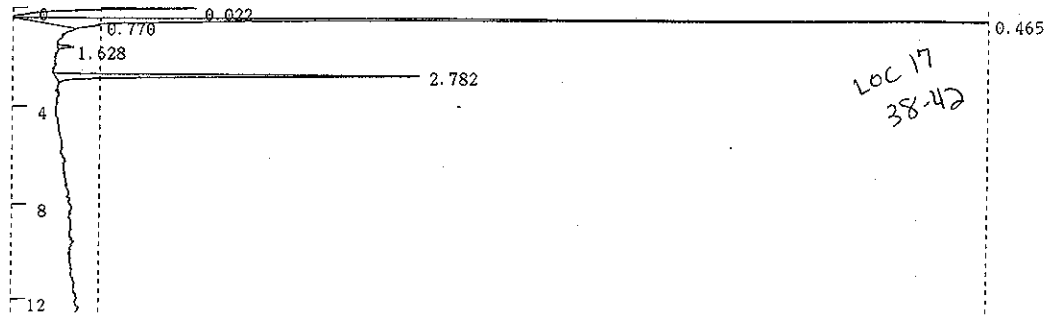
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	541	176				
	2	0.436	28196	11178	S			
	3	0.888	1379	230	T	3	6.8925	1,1-DCE
		TOTAL	30115	11583			6.8925	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTC.C29 01/12/18 11:01:53

LOC 16
47.51
0.1cc

** CALCULATION REPORT **

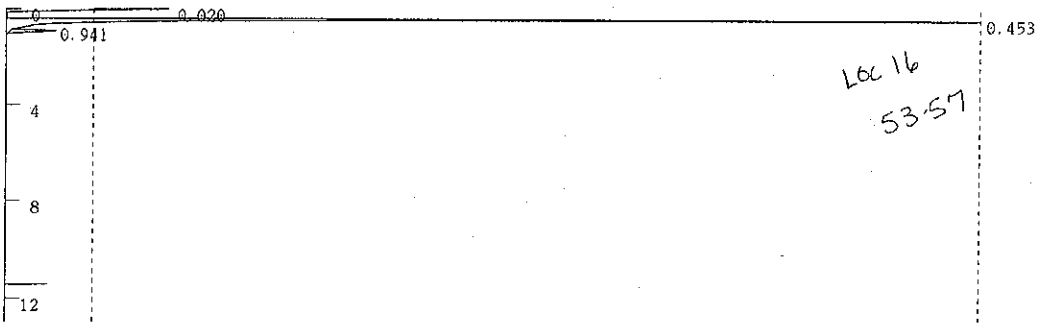
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	78	30				
	2	0.488	732	165				
		TOTAL	809	195			0	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	518	163				
	2	0.465	28157	8469	S			
	3	0.77	98	23	T			
	4	1.628	195	38		6	1.1138	C-DCE
	5	2.782	5669	829		10	103.8561	TCE
		TOTAL	34637	9521			104.9698	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTC.C31 01/12/18 12:58:32

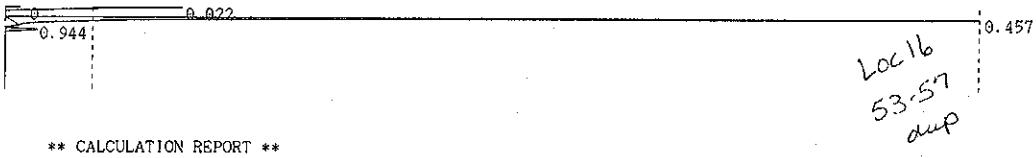


0.83

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	395	133				
	2	0.453	19566	5424	S			
	4	0.941	642	111	T	3	3.2075	1,1-DCE
		TOTAL	20602	5667			3.2075	

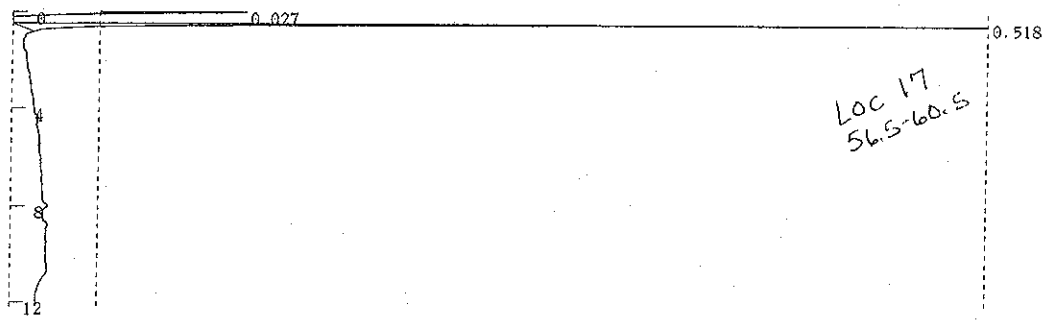
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTC.C32 01/12/18 13:17:14



** CALCULATION REPORT **

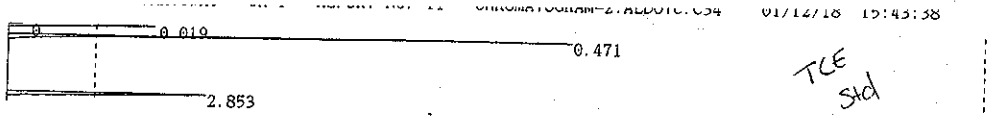
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	483	159				
	2	0.457	19178	6976				
	3	0.944	425	75		3	2.1265	1,1-DCE
		TOTAL	20087	7210			2.1265	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTC.C33 01/12/18 15:28:21



** CALCULATION REPORT **

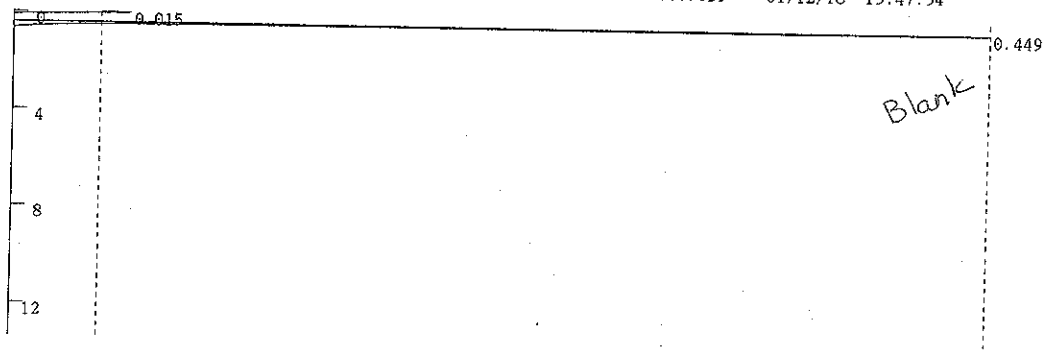
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	1053	282				
	2	0.518	12942	4175				
		TOTAL	13994	4457			0	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	263	107				
	2	0.471	6005	1444				
	3	2.853	3310	500		10	60.6355	TCE
	TOTAL		9577	2051			60.6355	

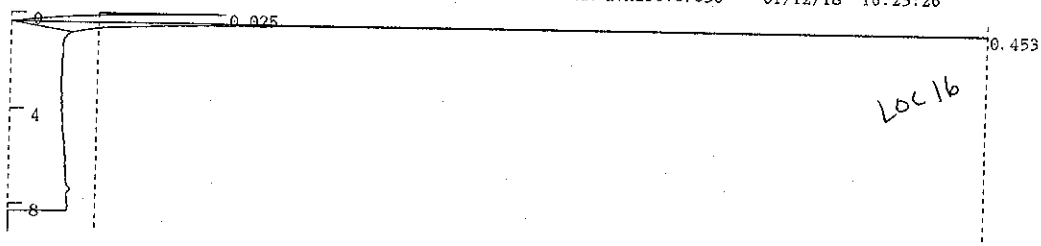
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTC.C35 01/12/18 15:47:54



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	111	52				
	2	0.449	17574	7534				
	TOTAL		17685	7586			0	

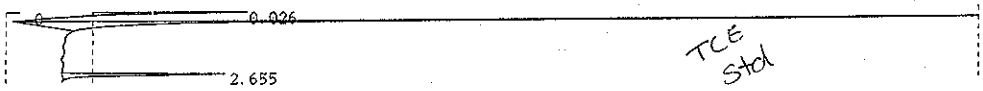
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTC.C36 01/12/18 16:23:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	806	218				
	2	0.453	18973	7824				
	TOTAL		19779	8042			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTC.C39 01/12/19 10:08:13



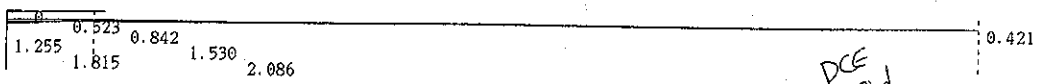
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1144	269				
	2	0.433	10450	3599				
	3	2.655	2337	370		10	42.8083	TCE
	TOTAL		13931	4239			42.8083	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C40 01/12/19 10:13:34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	189	77				
	2	0.426	15562	5269	S			
	3	0.508	126	37	T			
	4	0.858	200	46	T			
	5	1.263	164	36		5	0.8185	1,1-DCA
	6	1.533	173	37		6	0.9878	C-DCE
	7	2.1	151	33		9	0.2051	BENZENE
	TOTAL		16565	5535			2.0114	

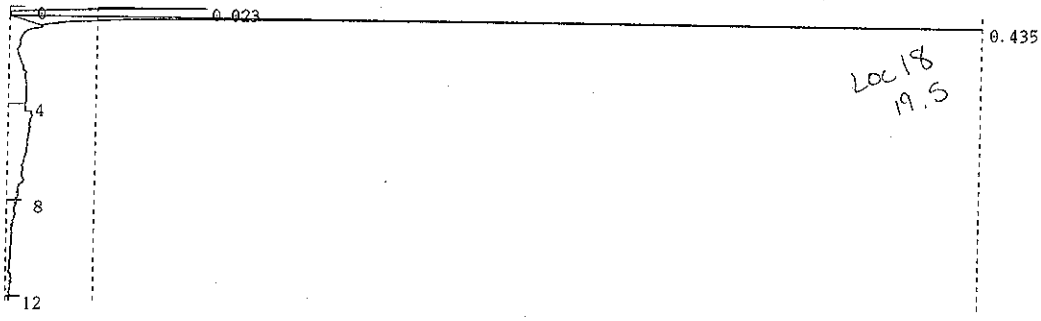


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.421	7446	3087				
	2	0.523	2769	333	V			
	3	0.842	739	110	V			
	4	1.255	288	58				
	5	1.53	272	55		6	1.551	C-DCE
	6	1.815	297	50				
	7	2.086	287	55		9	0.3893	BENZENE
		TOTAL	12099	3748			1.9403	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTC.C42 01/12/19 10:25:31

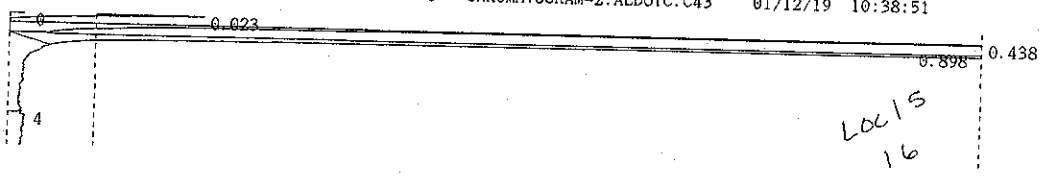


Loc 18
19.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	603	189				
	2	0.435	27695	12726	S			
		TOTAL	28298	12915			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTC.C43 01/12/19 10:38:51



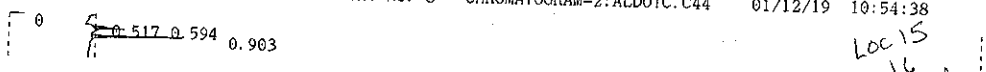
Loc 15
16

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTC.C43 01/12/19 10:38:51

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	603	184				
	2	0.438	19901	6726				
	3	0.898	29183	4822	V	3	145.916	1,1-DCE
		TOTAL	49687	11733			145.916	

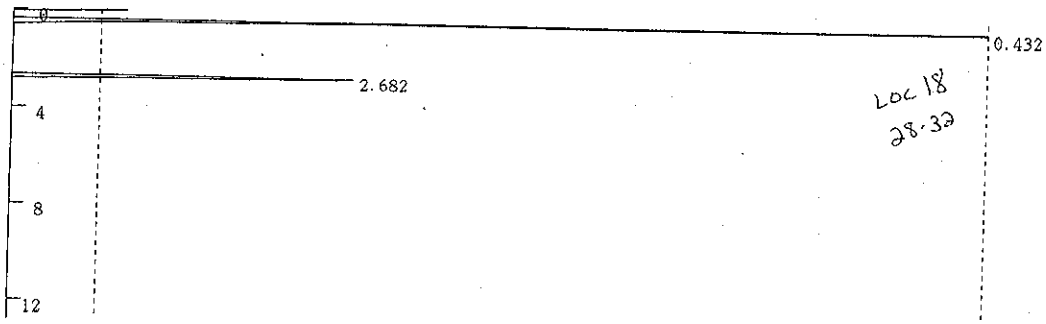
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTC.C44 01/12/19 10:54:38



Loc 15
16
10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.517	105	33				
	2	0.594	173	67	V			
	3	0.903	575	205		3	2.8765	1,1-DCE
		TOTAL	853	305			2.8765	

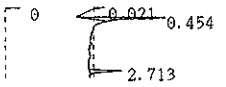


Loc 18
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	20288	7505				
	2	2.682	6067	895		10	111.1456	TCE
		TOTAL	26355	8400			111.1456	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTC.C46 01/12/19 11:14:22

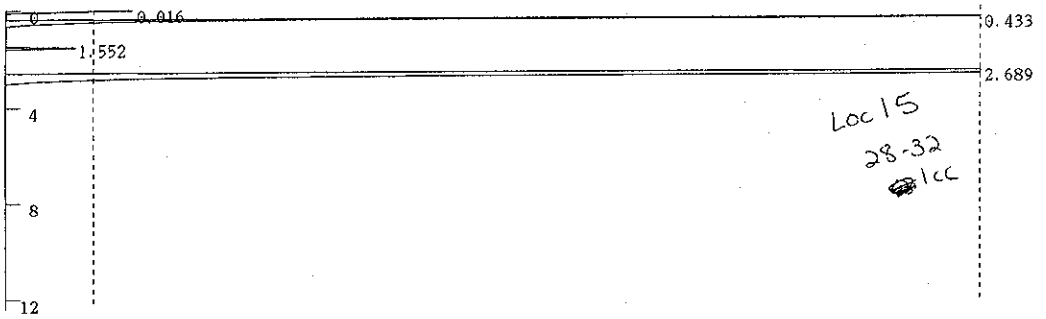


Loc 18
28-32
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	37	18				
	2	0.454	903	187				
	3	2.713	376	76		10	6.8792	TCE
		TOTAL	1315	281			6.8792	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTC.C47 01/12/19 11:22:32

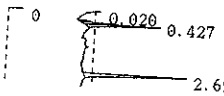


Loc 15
28-32
1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	162	70				
	2	0.433	24662	10580				
	3	1.552	1272	247		6	7.2504	C-DCE
	4	2.689	70699	10834		10	1295.1964	TCE
		TOTAL	96794	21732			1302.4467	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTC.C48 01/12/19 11:36:17

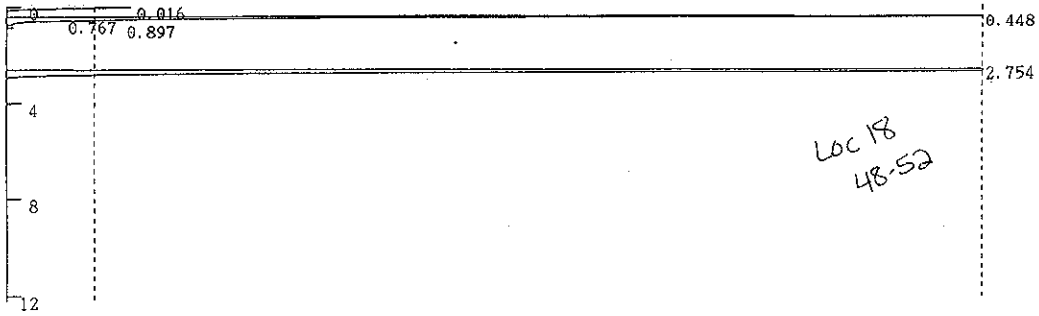


Loc 15
28-32
10µl

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	32	12				
	2	0.427	83	27				
	3	0.563	357	81	V			
	4	0.612	541	173	V			
	5	2.695	1159	238		10	21.2365	TCE
		TOTAL	2172	530			21.2365	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTC.C49 01/12/19 13:45:57

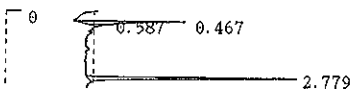


Loc 18
48-52

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	162	67				
	2	0.448	29844	10961	S			
	3	0.767	23	8	T			
	4	0.897	246	50	T	3	1.232	1,1-DCE
	5	2.754	23743	3711		10	434.979	TCE
		TOTAL	54018	14797			436.211	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTC.C50 01/12/19 14:00:17

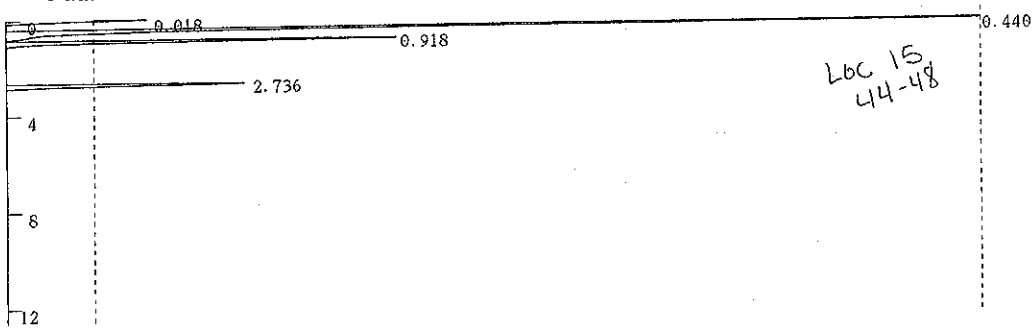


Loc 18
48-52
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.467	1119	244				
	2	0.587	157	52	V			
	3	2.779	2437	473		10	44.6403	TCE
		TOTAL	3713	769			44.6403	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTC.C51 01/12/19 15:32:20

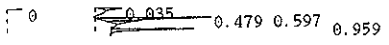


Loc 15
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	232	91				
	2	0.44	22140	6792	S			
	4	0.918	5798	941	V	3	28.9915	1,1-DCE
	5	2.736	3729	576		10	68.3061	TCE
		TOTAL	31899	8400			97.2976	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTC.C52 01/12/19 15:47:17



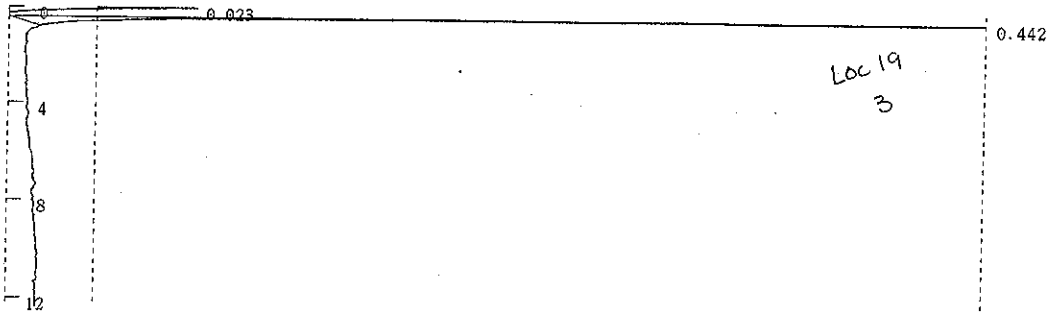
Loc 15
44-48
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.035	173	49				
	2	0.479	1156	258				
	3	0.597	317	66	V			
	4	0.959	641	188				
		TOTAL	2286	562			0	

080

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTC.C53 01/12/19 16:41:11



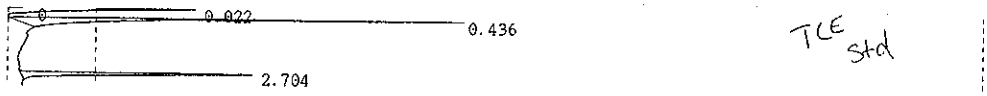
Loc 19
3

090

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	545	174				
	2	0.442	23900	10665				
		TOTAL	24445	10839			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTC.C54 01/12/19 16:55:03



TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	545	169				
	2	0.436	6058	1096				
	3	2.704	3479	527		10	63.7261	TCE
		TOTAL	10082	1792			63.7261	

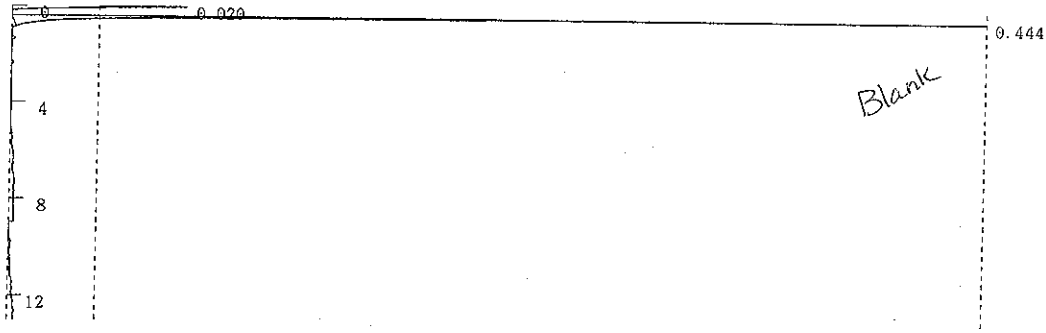
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTC.C55 01/12/19 17:00:04

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	449	150				
	2	0.438	4295	1895				
	3	0.487	1087	427	V			
	4	0.543	2611	334	V			
	5	0.872	661	97	V	3	3.307	1,1-DCE
	6	1.288	282	55		5	1.41	1,1-DCA
	7	1.567	248	52		6	1.4136	C-DCE
	8	1.862	190	35		7	1.4804	TCA
	9	2.136	254	51		9	0.3445	BENZENE
		TOTAL	10078	3097			7.9556	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTC.C56 01/12/19 17:04:29



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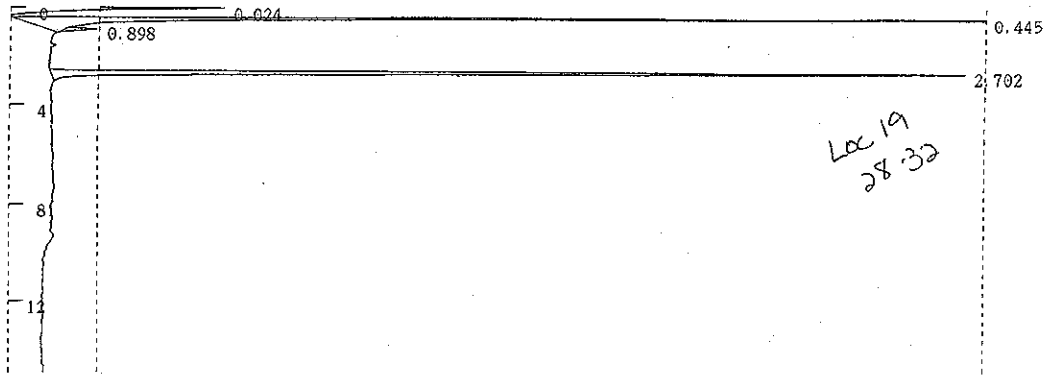
091

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	435	148				
	2	0.444	16347	6340				
		TOTAL	16781	6488			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTC.C57 01/12/19 17:18:48

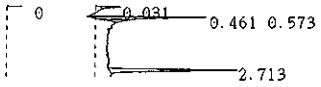


Loc 19
28.32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	756	216				
	2	0.445	23042	7531	S			
	3	0.898	434	72	T	3	2.1685	1,1-DCE
	4	2.702	13906	2059		10	254.7561	TCE
		TOTAL	38138	9878			256.9245	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTC.C58 01/12/19 17:37:06

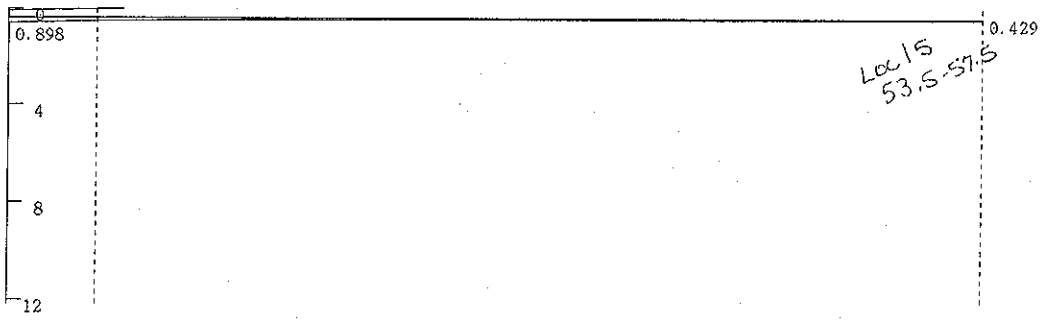


Loc 19
28.32
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.031	144	43				
	2	0.461	1103	263				
	3	0.573	304	70	V			
	4	2.713	1484	291		10	27.1887	TCE
		TOTAL	3035	668			27.1887	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTC.C59 01/12/19 17:43:13

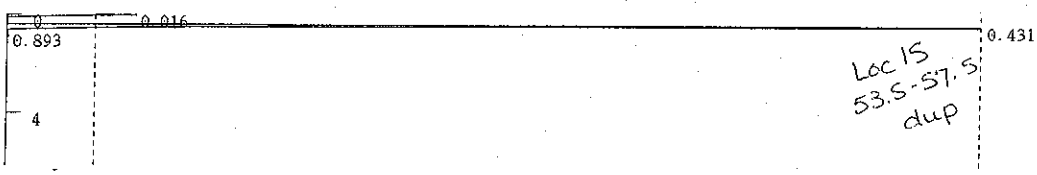


Loc 15
53.5-57.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.429	26093	9718	S			
	2	0.898	348	71	T	3	1.738	1,1-DCE
		TOTAL	26440	9789			1.738	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTC.C60 01/12/19 17:56:40

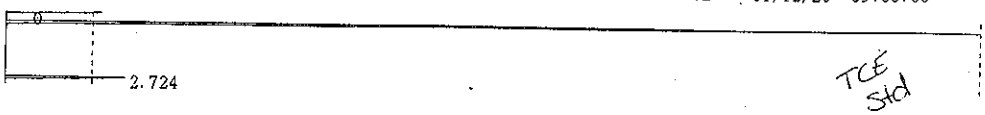


Loc 15
53.5-57.5
dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	173	74				
	2	0.431	23697	9501				
	3	0.893	446	79		3	2.2295	1,1-DCE
		TOTAL	24315	9654			2.2295	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C62 01/12/20 09:00:00



** CALCULATION REPORT **

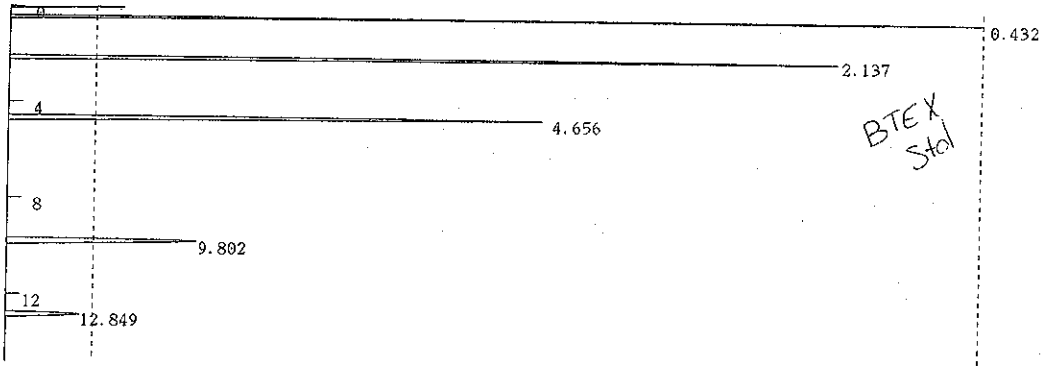
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.431	13008	2589				
	2	2.724	3573	530		10	65.4592	TCE
		TOTAL	16581	3119			65.4592	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTC.C63 01/12/20 09:05:46

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	168	75				
	2	0.435	16033	4795	S			
	3	0.527	141	27	T			
	4	0.875	277	59	T	3	1.387	1,1-DCE
	5	1.299	237	48		5	1.1855	1,1-DCA
	6	1.575	228	45		6	1.3007	C-DCE
	7	1.883	162	31		7	1.2667	TCA
	8	2.157	240	45		9	0.3254	BENZENE
		TOTAL	17487	5125			5.4653	

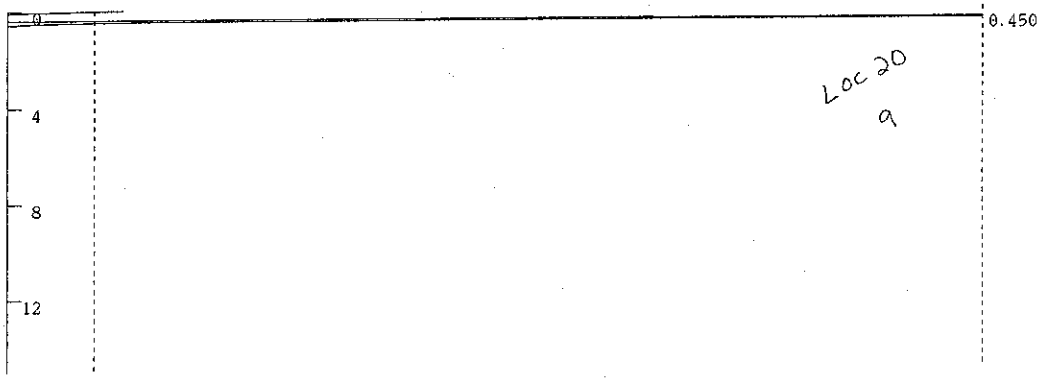
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTC.C64 01/12/20 09:12:39



** CALCULATION REPORT **

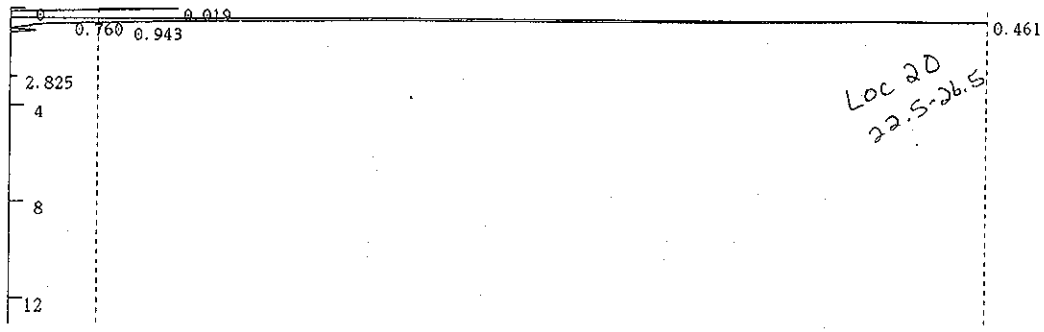
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	12112	3379				
	2	2.137	13413	2117		9	18.2144	BENZENE
	3	4.656	12541	1455		11	19.2004	TOLUENE
	4	9.802	10001	691		14	20.3224	EBZ
	5	12.849	7690	431		16	18.7475	O-XYL
		TOTAL	55757	8074			76.4848	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTC.C65 01/12/20 10:46:04



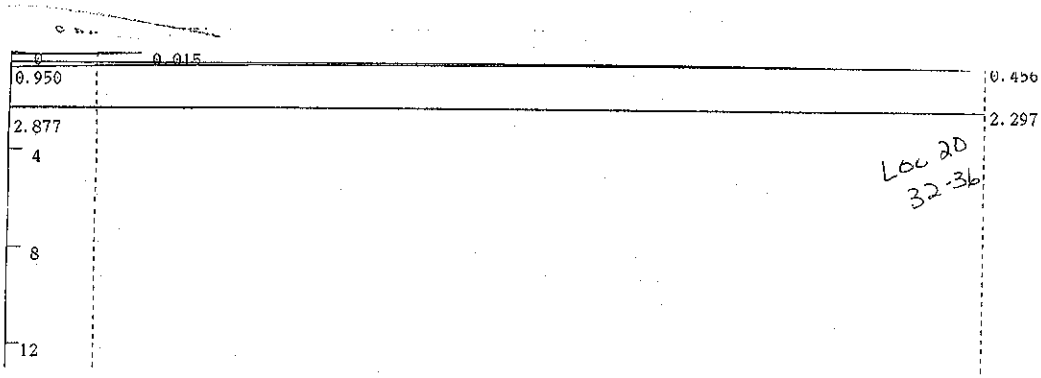
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.45	29313	11673				
		TOTAL	29313	11673			0	



** CALCULATION REPORT **

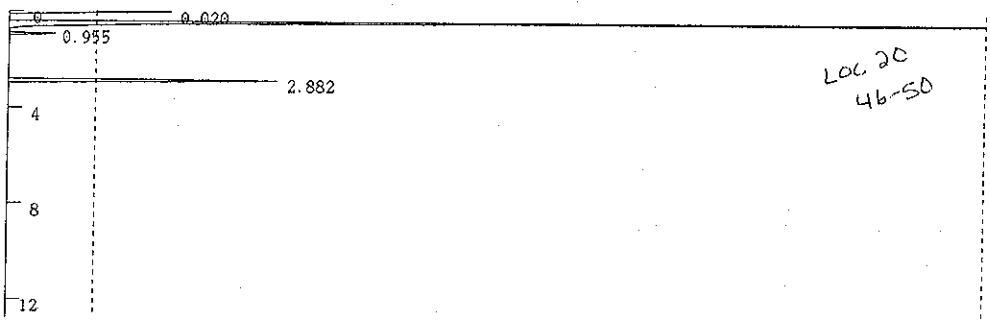
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	390	135				
	2	0.461	29842	7512	S			
	3	0.76	46	10	T			
	4	0.943	503	77	T			
	5	2.825	432	66		10	7.9069	TCE
		TOTAL	31212	7800			7.9069	



** CALCULATION REPORT **

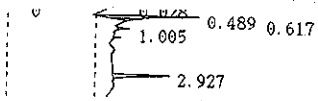
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	178	76				
	2	0.456	31323	11012				
	3	0.95	384	61				
	4	2.297	1901	2697				
	5	2.877	681	100		10	12.4704	TCE
		TOTAL	34467	13948			12.4704	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTC.C68 01/12/20 14:53:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	350	130				
	2	0.461	32823	11891	S			
	3	0.955	907	156	T			
	4	2.882	4544	698		10	83.2497	TCE
		TOTAL	38624	12875			83.2497	

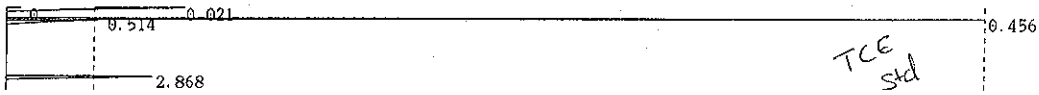


LCC 20
46-50
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	203	62				
	2	0.489	1061	229				
	3	0.617	191	53	V			
	4	1.005	99	29				
	5	2.927	693	129				
	TOTAL		2247	502			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTC.C70 01/12/20 16:02:20

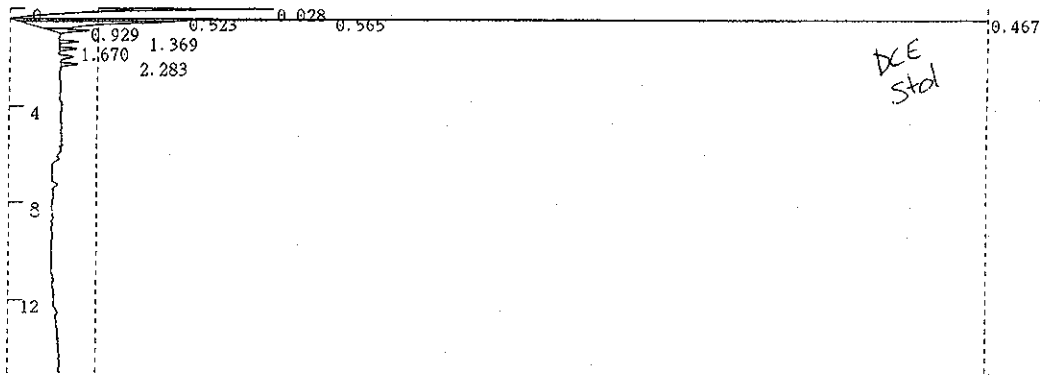


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	453	156				
	2	0.456	6422	2664				
	3	0.514	2529	350	V			
	4	2.868	2528	396		10	46.313	TCE
	TOTAL		11932	3566			46.313	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTC.C71 01/12/20 16:07:53

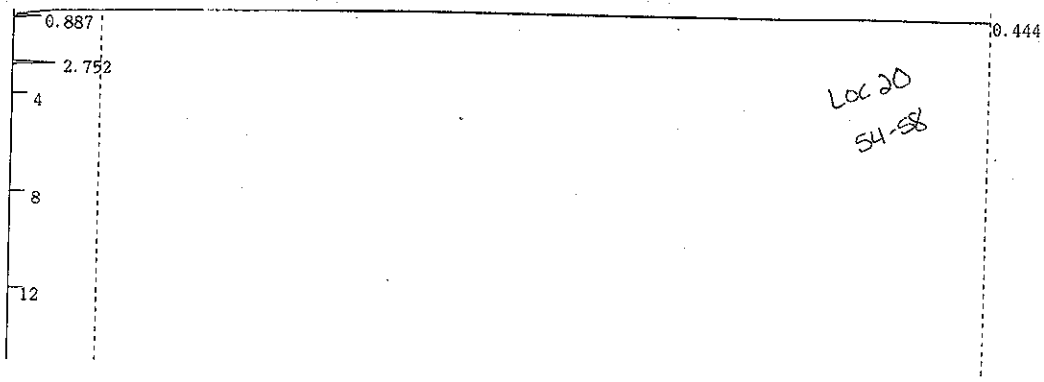


DCE Std

0.97

** CALCULATION REPORT **

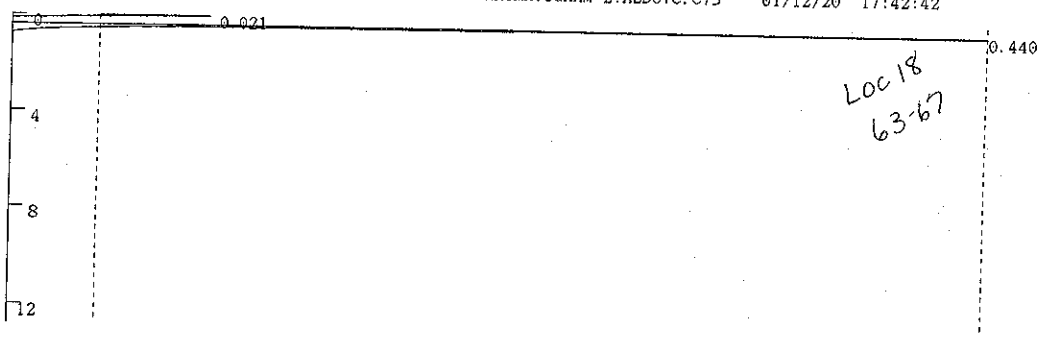
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	1386	322				
	2	0.467	7469	2948				
	3	0.523	811	384	V			
	4	0.565	3060	349	V			
	5	0.929	602	83	V	3	3.0085	1,1-DCE
	6	1.369	217	45				
	7	1.67	196	39				
	8	2.283	201	39				
	TOTAL		13940	4210			3.0085	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	559	185				
	2	0.444	31079	12404	S			
	3	0.887	270	60	T	3	1.3505	1,1-DCE
	4	2.752	722	123		10	13.2307	TCE
		TOTAL	32630	12772			14.5812	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTC.C73 01/12/20 17:42:42

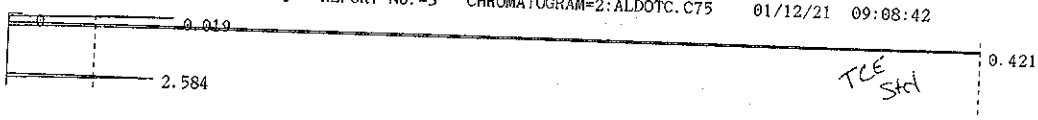


0 9 8

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	556	188				
	2	0.44	29660	11703				
		TOTAL	30216	11891			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTC.C75 01/12/21 09:08:42



0 9 9

** CALCULATION REPORT **

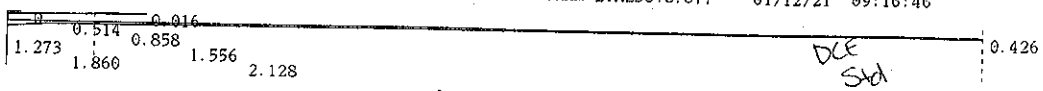
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	349	131				
	2	0.421	49894	21444				
	3	2.584	2839	459				
		TOTAL	53081	22035			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTC.C76 01/12/21 09:13:20

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	417	149				
	2	0.44	39571	15297	S			
	3	0.868	216	52	T	3	1.0805	1,1-DCE
	4	1.292	168	38		5	0.841	1,1-DCA
	5	1.574	173	38		6	0.9855	C-DCE
	6	2.136	166	34		9	0.225	~~BENZENE~~ TCA
		TOTAL	40710	15606			3.132	

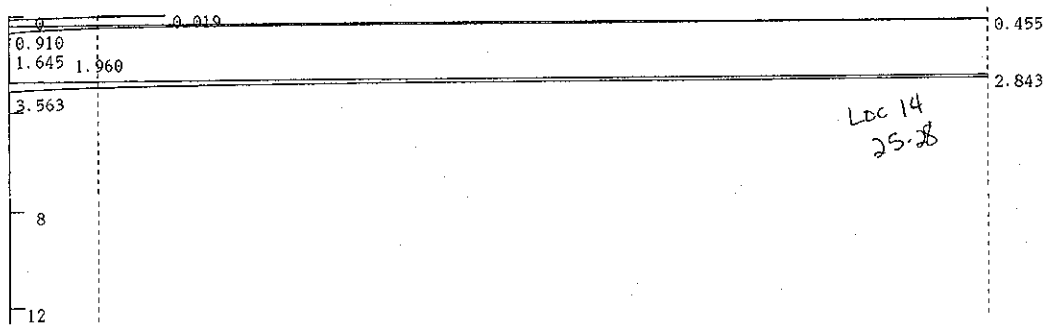
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTC.C77 01/12/21 09:16:46



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	231	89				
	2	0.426	26940	8152	S			
	3	0.514	163	33	T			
	4	0.858	315	64	T	3	1.5745	1,1-DCE
	5	1.273	267	54		5	1.333	1,1-DCA
	6	1.556	262	51		6	1.494	C-DCE
	7	1.86	208	37		7	1.6201	TCA
	8	2.128	262	49		9	0.3559	BENZENE
	TOTAL		28648	8530			6.3775	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTC.C78 01/12/21 11:30:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	310	119				
	2	0.455	38720	16572	S			
	3	0.91	346	74	T	3	1.728	1,1-DCE
	4	1.645	188	38				
	5	1.96	141	29				
	6	2.843	46067	6832		10	843.9528	TCE
	7	3.563	40	17		12	0.5025	PCE
	TOTAL		85811	23682			846.1832	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTC.C79 01/12/21 11:46:54

** CALCULATION REPORT **

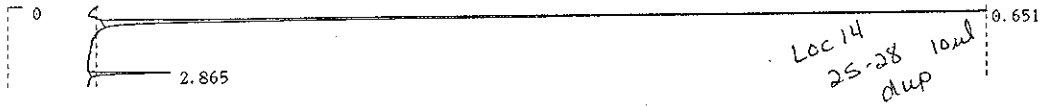
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.426	257	81				
	2	0.517	175	46	V			
	3	2.857	896	185		10	16.4092	TCE
	TOTAL		1328	312			16.4092	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTC.C80 01/12/21 11:52:44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.441	11396	3639				
	2	2.835	2538	394		10	46.4925	TCE
	TOTAL		13934	4033			46.4925	

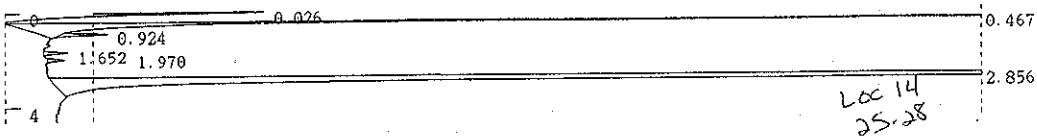
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTC.C81 01/12/21 11:58:49



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.651	16206	5887				
	2	2.865	924	185		10	16.9332	TCE
	TOTAL		17130	6072			16.9332	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTC.C82 01/12/21 12:06:02



Loc 14
25.28
dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1165	297				
	2	0.467	31254	12047	S			
	3	0.924	566	110	T	3	2.83	1,1-DCE
	4	1.652	301	55				cis-DCE
	5	1.97	214	38		8		~~1,2 DCA~~ TCA
	6	2.856	75411	10422		10	1381.5294	TCE
		TOTAL	108911	22970			1384.3593	

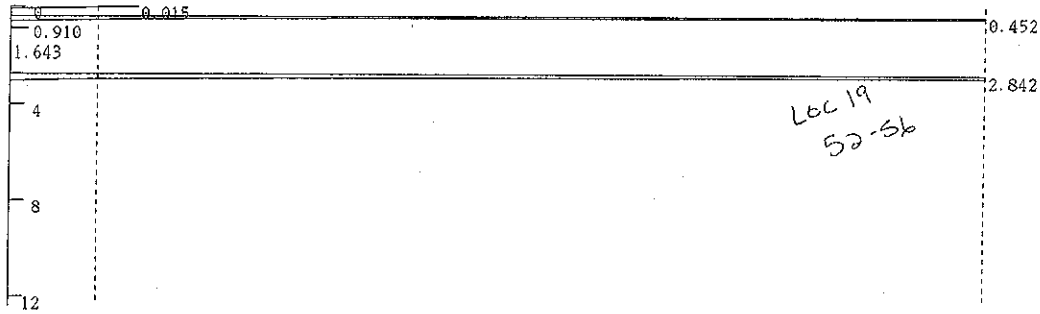
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTC.C83 01/12/21 12:12:57

DCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.452	9724	3625				
	2	0.563	3073	346	V			
	3	0.908 1,1-DCE	568	91	V	3	2.8405	1,1-DCE
	4	1.355 ~~1,2 DCA~~	254	52				
	5	1.642 cis	256	52				
	6	2.248 TCA	263	49		9	0.3572	~~BENZENE~~ TCA
		TOTAL	14137	4215			3.1977	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTC.C84 01/12/21 12:19:05



Loc 19
52-56

** CALCULATION REPORT **

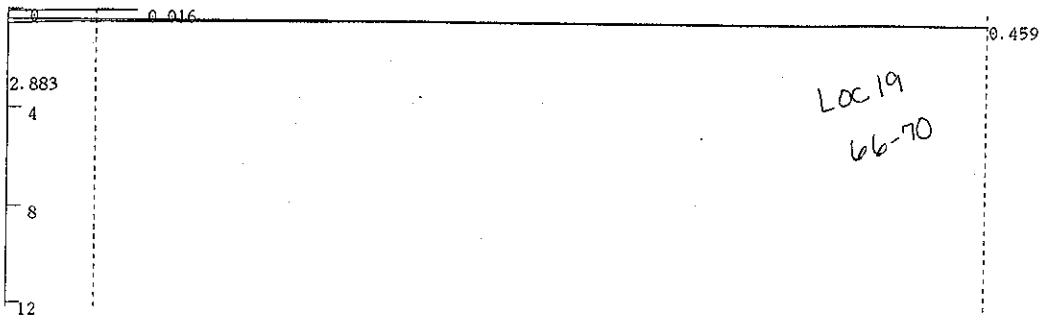
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	164	72				
	2	0.452	41069	15253	S			
	3	0.91	1074	191	T	3	5.3685	1,1-DCE
	4	1.643	458	88				
	5	2.842	45018	6802		10	824.7223	TCE
		TOTAL	87782	22405			830.0908	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTC.C85 01/12/21 12:34:23

Loc 19
52-56
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.516	300	69				
	2	2.909	1162	206		10	21.2933	TCE
		TOTAL	1462	274			21.2933	

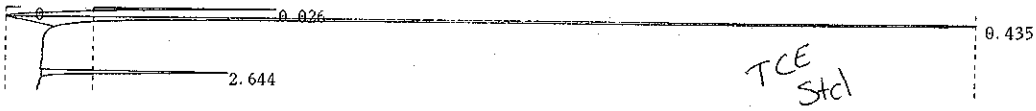


Loc 19
66-70

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	174	75				
	2	0.459	27330	11021				
	3	2.883	193	37		10	3.5376	TCE
	TOTAL		27697	11132			3.5376	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C02 02/01/03 09:00:07



TCE Stcl

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	1326	320				
	2	0.435	49944	19837				
	3	2.644	2801	426		10	51.3106	TCE
	TOTAL		54070	20582			51.3106	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C03 02/01/03 09:06:37

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	301	117				
	2	0.427	30983	10822				
	3	2.07	13595	2187		8		1,2-DCA
	4	4.491	14105	1648		11	21.5948	TOLUENE
	5	9.441	13274	930		14	26.9734	EBZ
	6	12.379	11212	632		16	27.3341	O-XYL
	TOTAL		83470	16336			75.9022	

BTEX Std

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C04 02/01/03 09:53:27

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	961	272				
	2	0.438	21958	8047	S			
	3	0.859	316	68	T	3	1.579	1,1-DCE
	4	1.279	346	63		5	1.73	1,1-DCA
	5	1.547	267	54		6	1.5236	C-DCE
	6	1.839	218	40		7	1.7027	TCA
	7	2.114	277	52		9	0.3767	BENZENE
	TOTAL		24344	8596			6.9121	

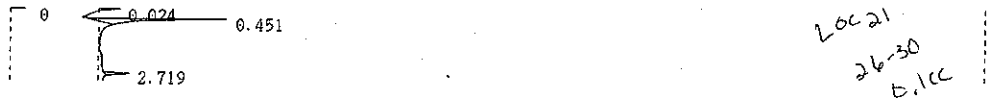
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C05 02/01/03 10:28:52

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.428	59109	27925				
	TOTAL		59109	27925			0	

Loc 21
9

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C06 02/01/03 01:34:26

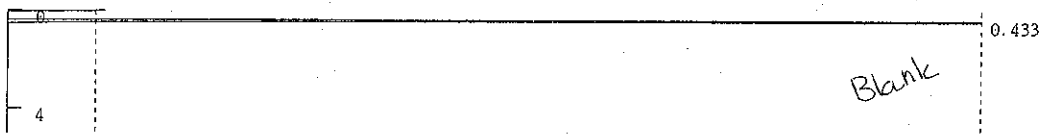


Loc 21
26-30
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	102	36				
	3	0.451	1585	312				
	4	2.719	256	56		10	4.6899	TCE
		TOTAL	1943	403			4.6899	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C07 02/01/03 01:43:25



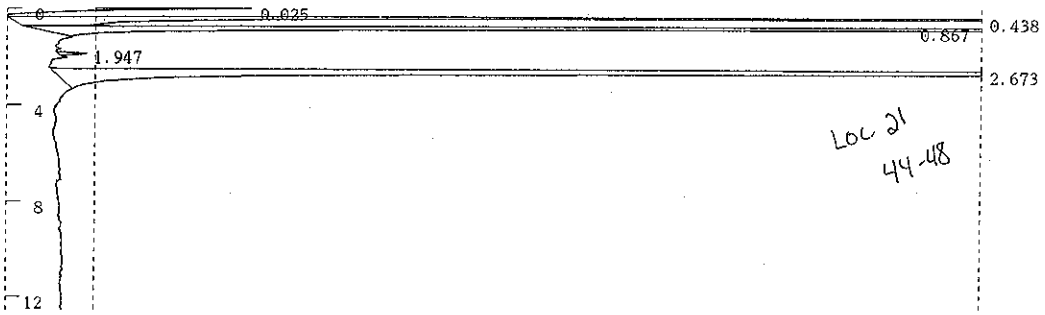
Blank

10 5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.433	42895	20321				
		TOTAL	42895	20321			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C08 02/01/03 02:26:54



Loc 21
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	1030	275				
	2	0.438	56288	24089				
	3	0.867	35902	6141	V	3	179.508	1,1-DCE
	4	1.947	340	65				
	5	2.673	103431	15409		10	1894.8558	TCE
		TOTAL	196990	45980			2074.3637	

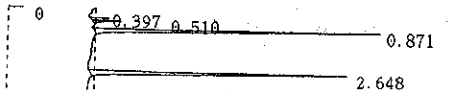
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C09 02/01/03 02:48:15

Loc 21
44.48
rnsD

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.56	70	26				
	2	0.877	1131	262		3	5.6545	1,1-DCE
	3	0.964	2702	356	V			
	4	2.647	2841	494		10	52.0489	TCE
		TOTAL	6744	1137			57.7034	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTD.C10 02/01/03 02:54:20

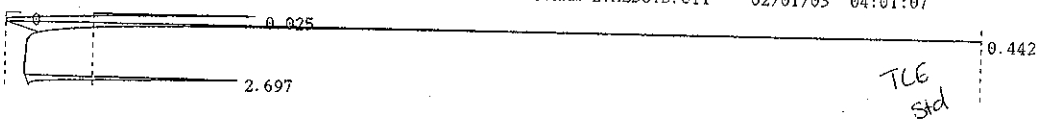


Loc 21
44-48
1DUP

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.397	213	44				
	2	0.51	217	68	V			
	3	0.871	2692	651		3	13.46	1,1-DCE
	4	2.648	3059	584		10	56.039	TCE
	TOTAL		6181	1346			69.499	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTD.C11 02/01/03 04:01:07

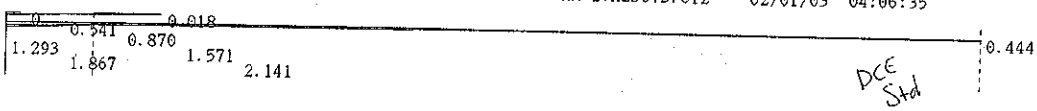


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	1029	278				
	2	0.442	10900	2875				
	3	2.697	3264	483		10	59.8001	TCE
	TOTAL		15185	3636			59.8001	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTD.C12 02/01/03 04:06:35

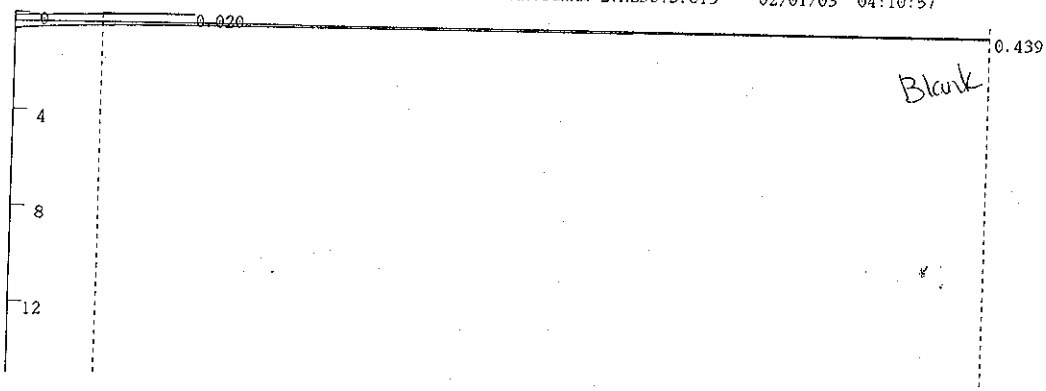


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	305	119				
	2	0.444	11810	4729				
	3	0.541	3261	388	V			
	4	0.87	593	101	V	3	2.964	1,1-DCE
	5	1.293	266	55		5	1.33	1,1-DCA
	6	1.571	245	53		6	1.3971	C-DCE
	7	1.867	169	34		7	1.3151	TCA
	8	2.141	263	51		8		1,2-DCA
	TOTAL		16911	5330			7.0061	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTD.C13 02/01/03 04:10:57



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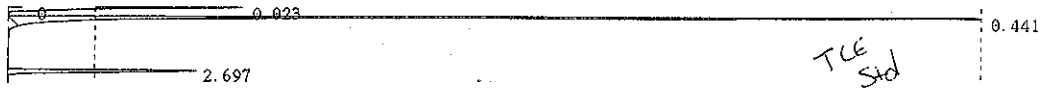
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	435	157				
	2	0.439	44264	19437				
	TOTAL		44699	19594			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTD.C14 02/01/04 10:25:18



** CALCULATION REPORT **

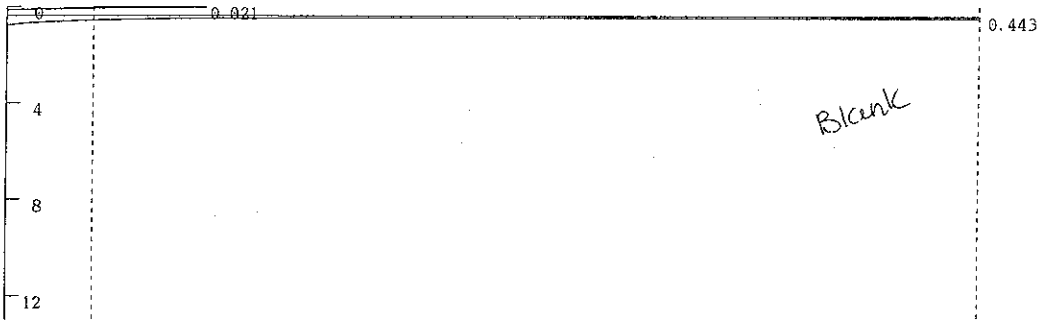
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	828	249				
	2	0.441	28571	9880				
	3	2.697	3100	152		10	56.7847	TCE
	TOTAL		32499	10581			56.7847	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C15 02/01/04 10:39:08

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	525	183				
	2	0.436	20524	8607				
	3	0.543	3504	383	V			
	4	0.868	693	110	V	3	3.465	1,1-DCE
	5	1.279	287	58		5	1.4345	1,1-DCA
	6	1.555	294	56		6	1.6764	C-DCE
	7	1.86	234	41		7	1.8213	TCA
	8	2.137	261	51		8		1,2-DCA
	TOTAL		26321	9488			8.3972	

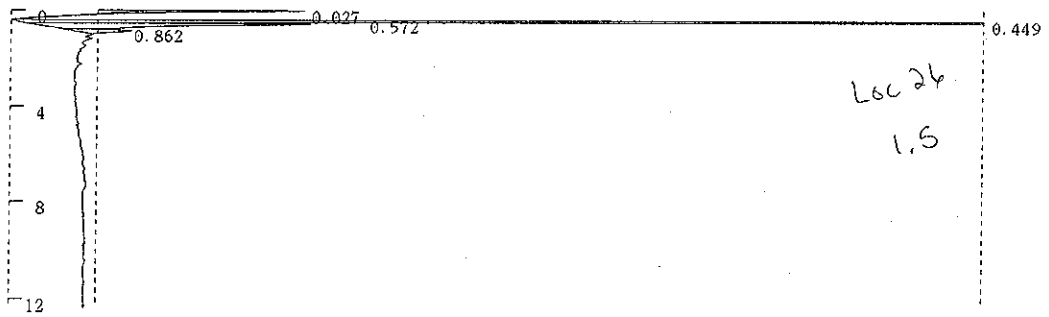
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C16 02/01/04 10:43:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	574	194				
	2	0.443	86727	42973				
	TOTAL		87301	43168			0	

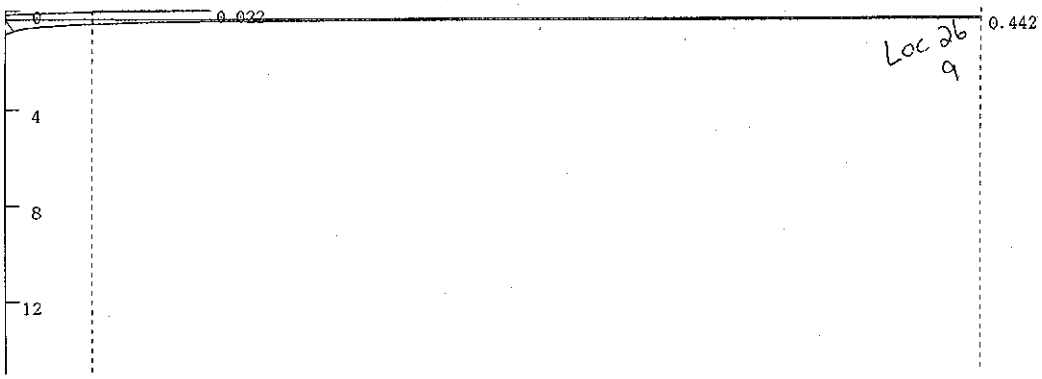
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C17 02/01/04 10:58:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	1627	368				
	2	0.449	64663	33453				
	3	0.572	5375	634	V			
	4	0.862	1142	137	V	3	5.712	1,1-DCE
	TOTAL		72807	34592			5.712	

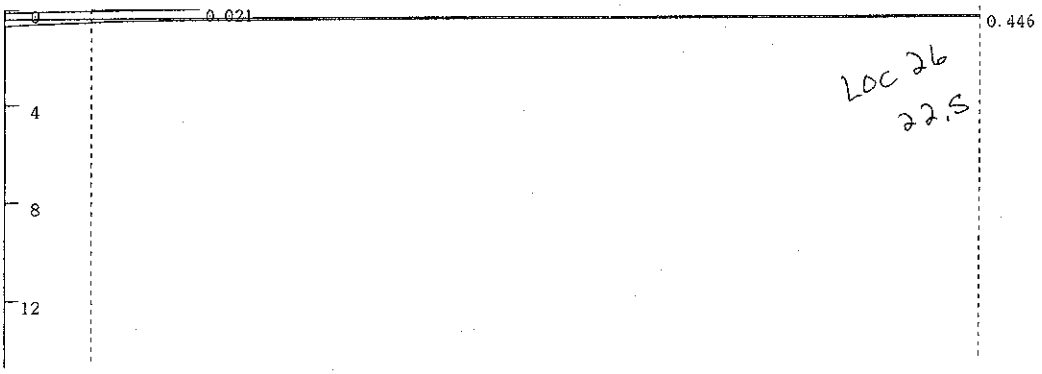
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C18 02/01/04 11:12:30



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	616	203				
	2	0.442	59808	28799				
		TOTAL	60423	29003			0	

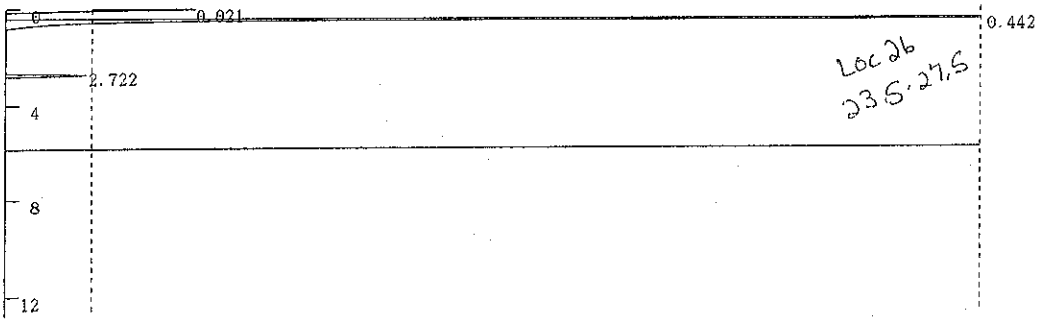
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTD.C19 02/01/04 12:10:09



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	545	188				
	2	0.446	48331	20750				
		TOTAL	48876	20937			0	

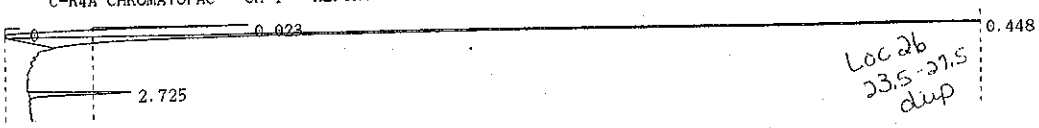
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTD.C20 02/01/04 12:29:31



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	495	175				
	2	0.442	42400	18900				
	3	2.722	1600	257		10	29.3028	TCE
		TOTAL	44495	19332			29.3028	

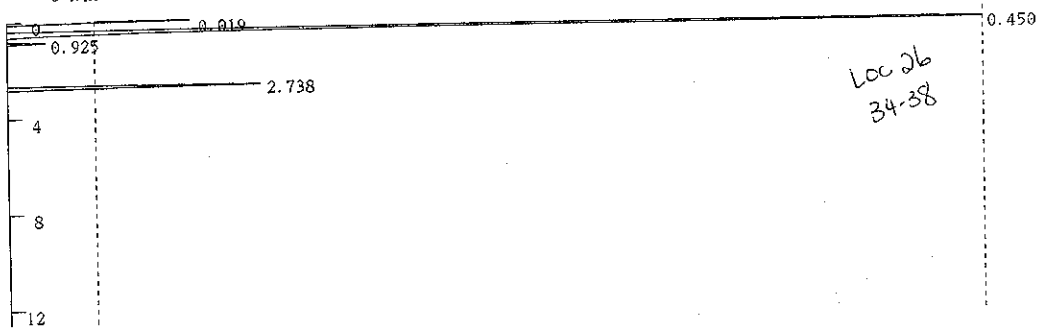
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTD.C21 02/01/04 12:43:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	927	265				
	2	0.448	36619	16156				
	3	2.725	1589	233		10	29.1031	TCE
	TOTAL		39135	16654			29.1031	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTD.C22 02/01/04 13:53:43



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	455	164				
	2	0.45	39603	14238	S			
	3	0.925	910	164	T	3	4.549	1,1-DCE
	4	2.738	4880	697		10	89.3961	TCE
	TOTAL		45847	15263			93.9451	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTD.C23 02/01/04 14:08:30

** CALCULATION REPORT **

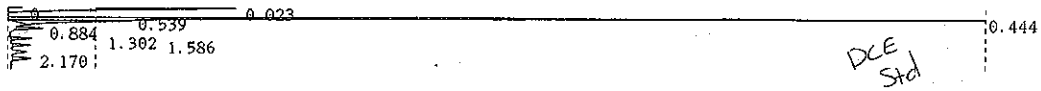
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	252	70				
	2	0.471	1658	407				
	3	0.59	376	89	V			
	4	0.957	87	27				
	5	2.777	437	85		10	8.0003	TCE
	TOTAL		2810	678			8.0003	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTD.C24 02/01/04 14:56:06

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	273	109				
	2	0.439	11213	3303				
	3	2.738	2743	409		10	50.2554	TCE
	TOTAL		14229	3821			50.2554	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTD.C25 02/01/04 15:00:55

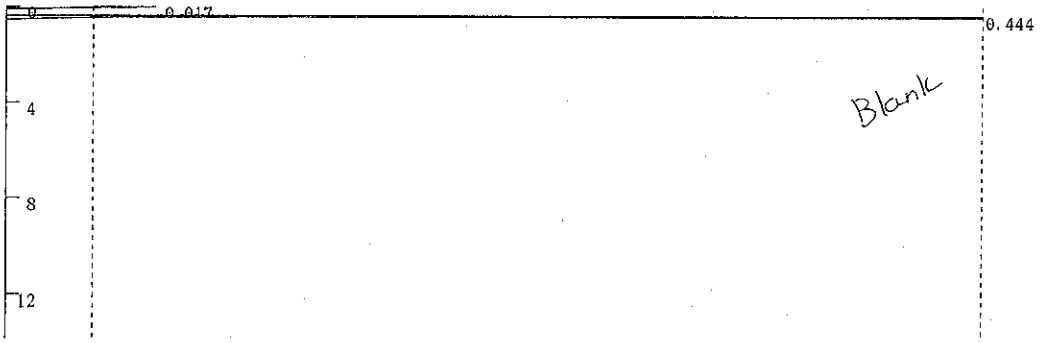


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	816	243				
	2	0.444	13169	5182				
	3	0.539	2006	340	V			
	4	0.884	274	62		3	1.371	1,1-DCE
	5	1.302	218	48		5	1.091	1,1-DCA
	6	1.586	203	44		6	1.1548	C-DCE
	7	2.17	223	43		8		1,2-DCA
		TOTAL	16909	5962			3.6168	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTD.C26 02/01/04 15:05:14



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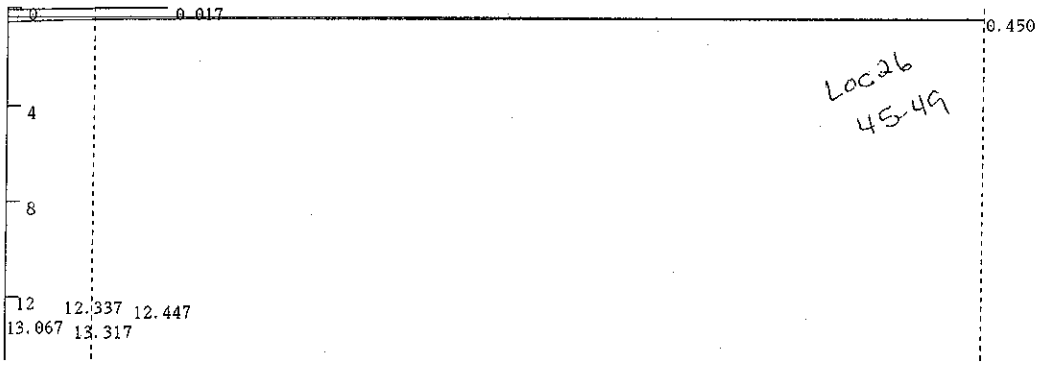
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	276	111				
	2	0.444	40662	17368				
		TOTAL	40938	17480			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTD.C27 02/01/04 15:51:03



Loc 26
45-49

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	315	124				
	2	0.45	35337	14928				
	4	12.337	37	14		16	0.0907	O-XYL
	5	12.447	64	19		16	0.1548	O-XYL
	7	13.067	37	15	V	16	0.0909	O-XYL
	10	13.317	28	19		16	0.0673	O-XYL
		TOTAL	35817	15120			0.4037	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C29 02/01/07 09:36:55

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	463	158				
	2	0.435	289949	124550				
		TOTAL	290412	124708			0	

Blank

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C30 02/01/07 09:52:22

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	529	174				
	2	0.437	38339	13134				
	3	2.674	3202	471		10	58.6551	TCE
		TOTAL	42070	13779			58.6551	

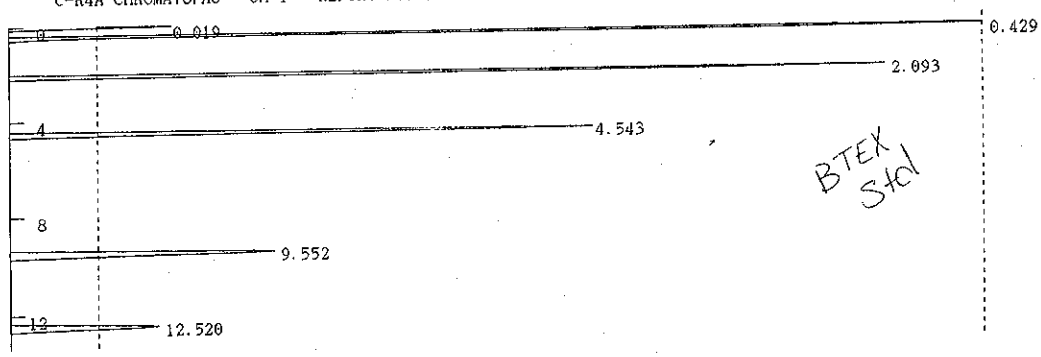
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C31 02/01/07 09:57:31

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	245	100				
	2	0.432	39997	15762	S			
	3	0.86	254	56	T	3	1.2685	1,1-DCE
	4	1.273	239	49		5	1.1925	1,1-DCA
	5	1.545	231	47		6	1.315	C-DCE
	6	2.115	239	45		8		1,2-DCA
		TOTAL	41204	16058			3.776	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C32 02/01/07 10:02:54

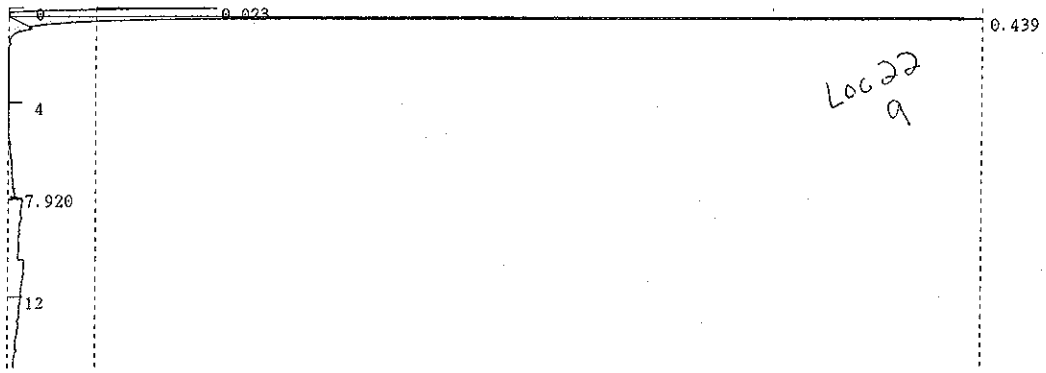


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	352	130				
	2	0.429	24089	8299				
	3	2.093	13156	2105		8		1,2-DCA
	4	4.543	12274	1443		11	18.791	TOLUENE
	5	9.552	10468	733		14	21.2702	EBZ
	6	12.52	8265	476		16	20.1508	O-XYL
		TOTAL	68603	13186			60.212	

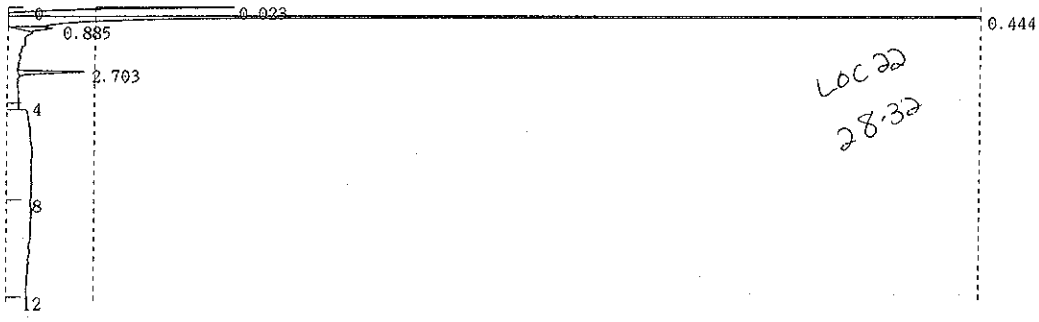
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTD.C33 02/01/07 10:33:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	656	207				
	2	0.439	61396	29043				
	3	7.92	36	14				
	TOTAL		62088	29264			0	

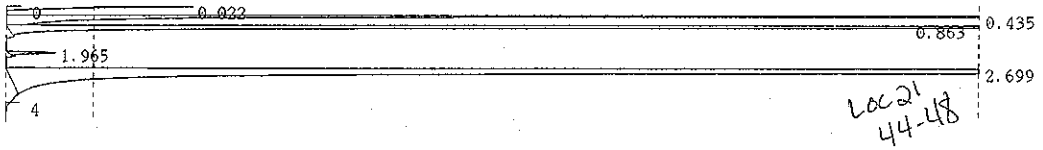
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTD.C34 02/01/07 10:59:30



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	794	237				
	2	0.444	55595	26264				
	3	0.885	694	89	V	3	3.47	1,1-DCE
	4	2.703	993	151		10	18.1954	TCE
	TOTAL		58077	26741			21.6654	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTD.C35 02/01/07 11:14:42



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	511	171				
	2	0.435	45838	20372				
	3	0.863	36071	7048	V	3	180.353	1,1-DCE
	4	1.965	600	113		9	0.8151	BENZENE
	5	2.699	157235	23362		10	2880.5451	TCE
	TOTAL		240254	51065			3061.7131	

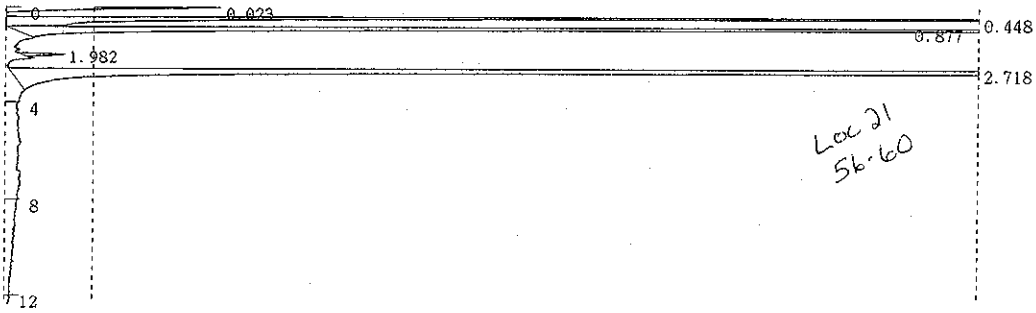
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTD.C36 02/01/07 11:21:23

Loc 21
44-48
10ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.373	95	20				
	2	0.525	301	64	V			
	3	0.874	416	117		3	2.0785	1,1-DCE
	4	2.704	3100	557		10	56.792	TCE
		TOTAL	3912	757			58.8705	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTD.C37 02/01/07 11:27:25



Loc 21
56-60

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	719	218				
	2	0.448	50588	20836				
	3	0.877	46427	8495	V	3	232.133	1,1-DCE
	4	1.982	547	99		9	0.7431	BENZENE
	5	2.718	81478	11494		10	1492.675	TCE
		TOTAL	179759	41141			1725.551	

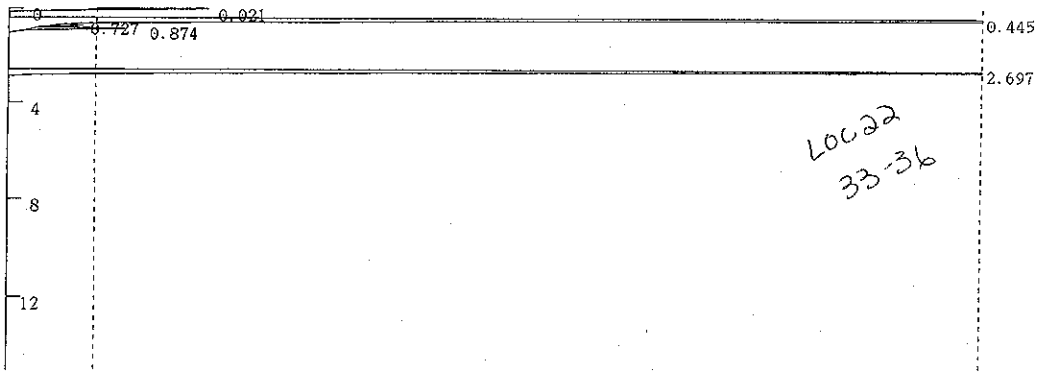
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTD.C38 02/01/07 11:42:08

Loc 21
56-60
10ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.415	377	87				
	2	0.527	302	99	V			
	3	0.605	11106	3751	SV			
	4	0.884	597	219	T	3	2.987	1,1-DCE
	5	2.727	1582	321		10	28.9731	TCE
		TOTAL	13963	4476			31.9601	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTD.C39 02/01/07 13:53:48

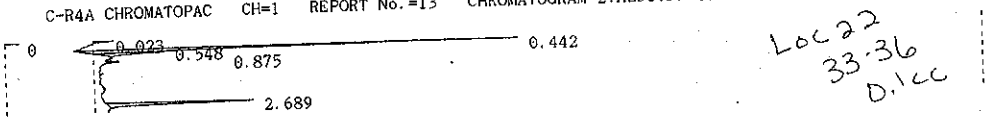


Loc 22
33-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	586	189				
	2	0.445	65890	19314	S			
	3	0.727	293	68	T			
	4	0.874	1197	222	T	3	5.9835	1,1-DCE
	5	2.697	17974	2576		10	329.2891	TCE
		TOTAL	85940	22369			335.2726	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTD.C40 02/01/07 14:20:46

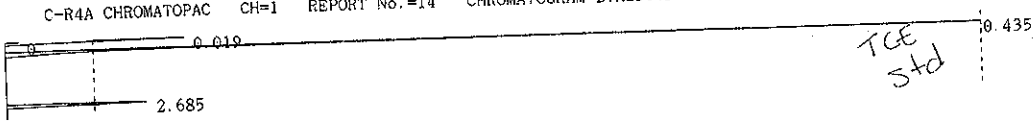


Loc 22
33.36
D.Icc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	93	36				
	2	0.442	3667	993				
	3	0.548	652	158	V			
	4	0.875	89	30		3	0.444	1,1-DCE
	5	2.689	1717	332		10	31.4536	TCE
	TOTAL		6218	1548			31.8976	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTD.C41 02/01/07 16:17:20

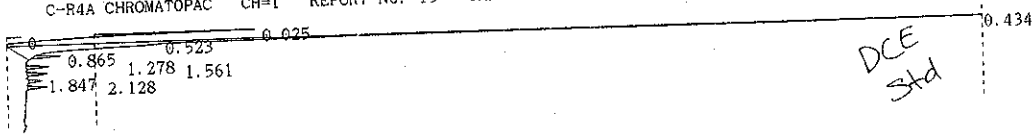


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	421	155				
	2	0.435	11726	3595				
	3	2.685	2993	451		10	54.8281	TCE
	TOTAL		15140	4201			54.8281	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTD.C42 02/01/07 16:22:44

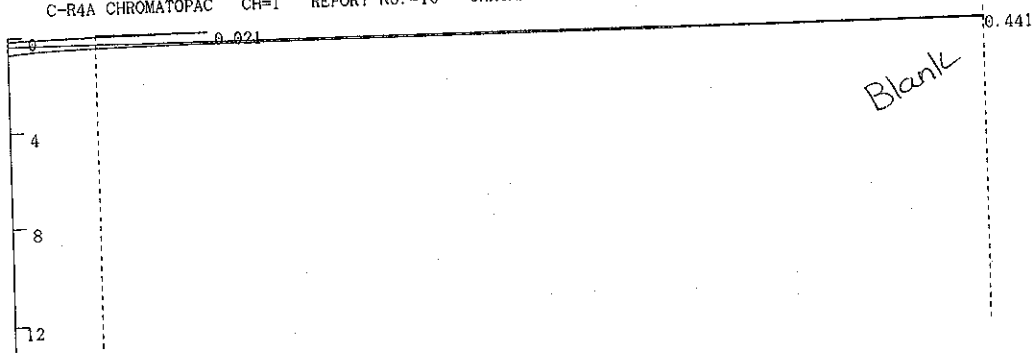


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	1008	277				
	2	0.434	18217	5692	S			
	3	0.523	162	32	T			
	4	0.865	285	63	T	3	1.4225	1,1-DCE
	5	1.278	257	51		5	1.284	1,1-DCA
	6	1.561	235	47		6	1.3418	C-DCE
	7	1.847	165	32		7	1.2886	TCA
	8	2.128	244	47		8		1,2-DCA
	TOTAL		20573	6239			5.3368	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTD.C43 02/01/07 16:29:44



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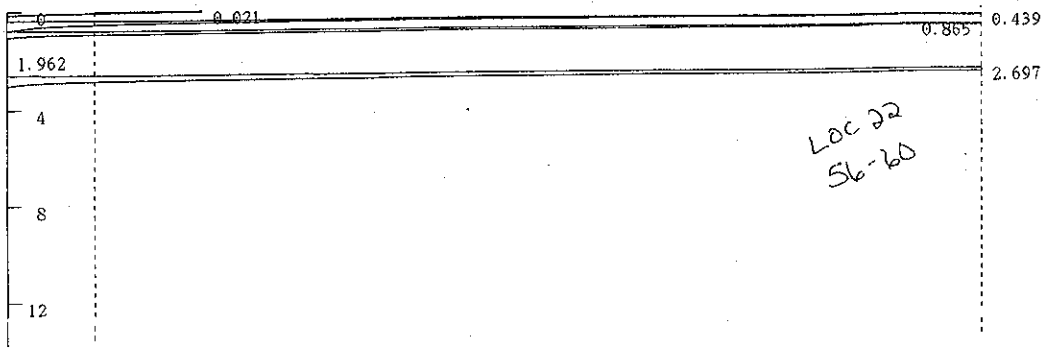
** CALCULATION REPORT **

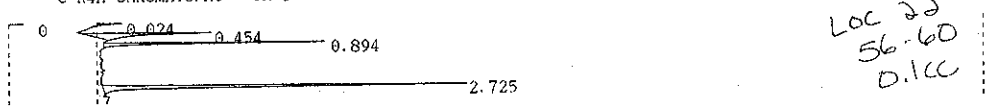
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	566	189				
	2	0.441	29779	11448				
	TOTAL		30346	11637			0	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	538	182				
	2	0.439	28208	10157				
	3	0.865	15422	2654	V	3	77.11	1,1-DCE
	4	1.962	234	42		9	0.3175	BENZENE
	5	2.697	41757	6035		10	764.9918	TCE
		TOTAL	86160	19070			842.4193	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTD.C45 02/01/07 16:59:56

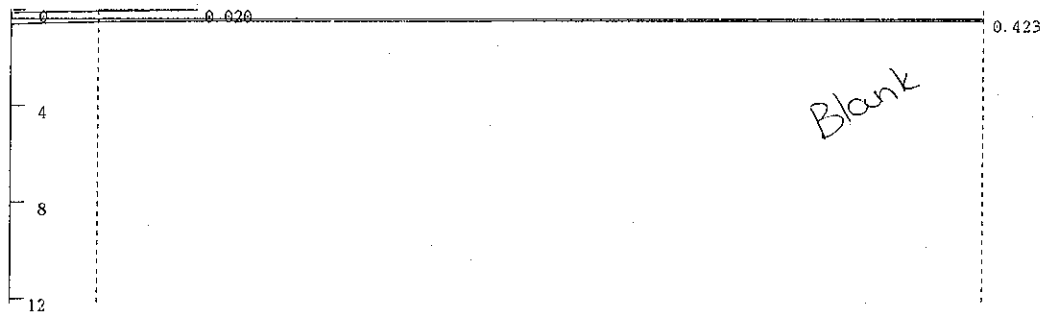


11 8

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	124	42				
	3	0.454	1803	291	V			
	4	0.894	1654	503		3	8.272	1,1-DCE
	5	2.725	4451	825		10	81.5496	TCE
		TOTAL	8033	1661			89.8216	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=1:ALDOTD.C47 02/01/08 08:40:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	477	169				
	2	0.423	180411	79574				
		TOTAL	180888	79742			0	

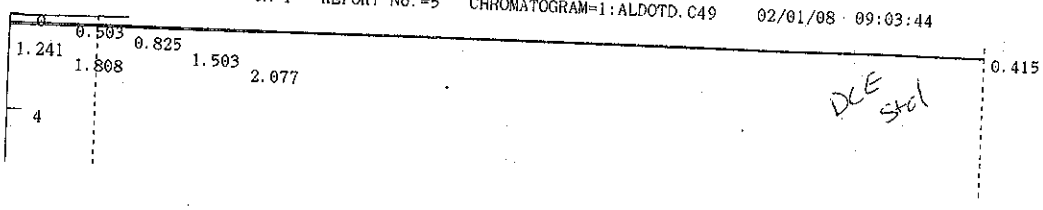
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=1:ALDOTD.C48 02/01/08 08:57:11

11 9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	248	101				
	2	0.425	22887	7403				
	3	2.626	2665	405		10	48.8136	TCE
		TOTAL	25800	7909			48.8136	

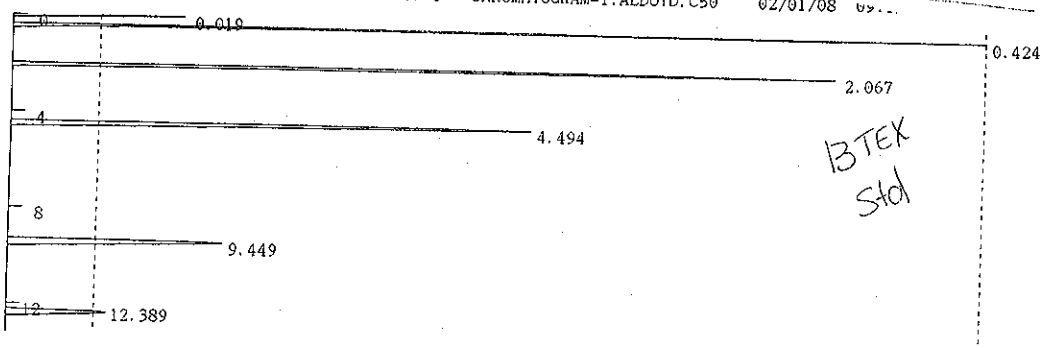
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=1:ALDOTD.C49 02/01/08 09:03:44



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.415	26274	9507	S			
	2	0.503	170	36	T			
	3	0.825	246	54	T			
	4	1.241	217	45		5	1.087	1,1-DCA
	5	1.503	203	43		6	1.1594	C-DCE
	6	1.808	171	32		7	1.3338	TCA
	7	2.077	200	40		9	0.2719	BENZENE
	TOTAL		27482	9755			3.8521	

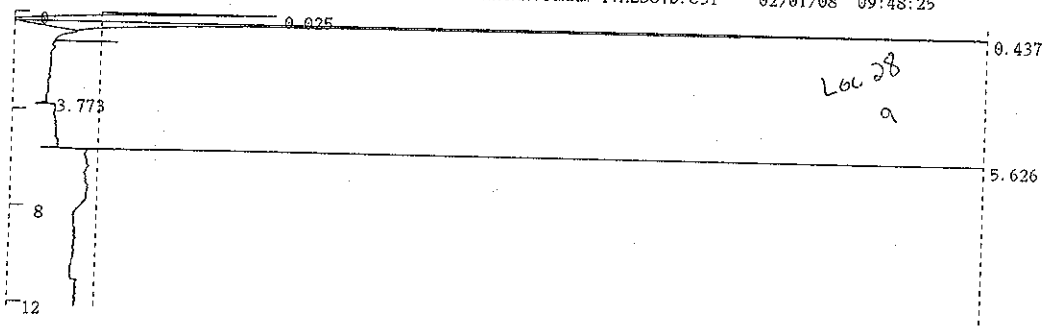
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=1:ALDOTD.C50 02/01/08 09:...



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	394	146				
	2	0.424	18917	6557				
	3	2.067	12411	2023		9	16.8543	BENZENE
	4	4.494	11219	1330		11	17.1764	TOLUENE
	5	9.449	8829	626		14	17.9397	EBZ
	6	12.389	7219	403		16	17.5997	O-XYL
	TOTAL		58988	11083			69.5701	

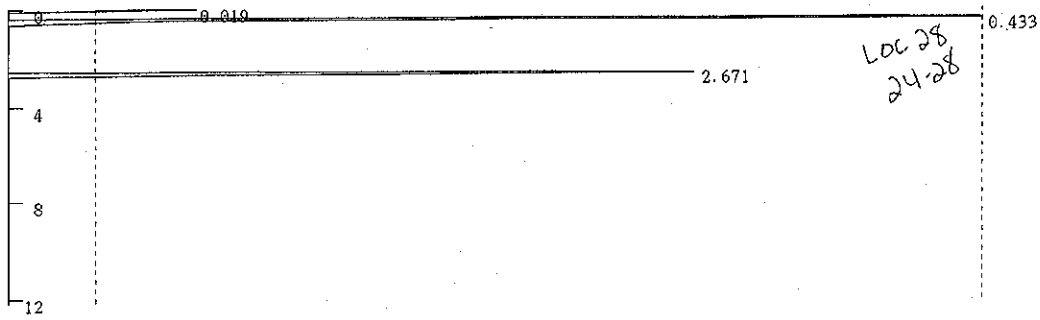
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=1:ALDOTD.C51 02/01/08 09:48:25



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	1164	308				
	2	0.437	48111	21769				
	3	3.773	74	15				
	4	5.626	3428	6703				
	TOTAL		52777	28795			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=1:ALDOTD.C52 02/01/08 10:16:38

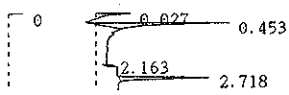


Loc 28
24-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	472	172				
	2	0.433	42461	16694				
	3	2.671	12035	1691		10	220.4757	TCE
	TOTAL		54968	18557			220.4757	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=1:ALDOTD.C53 02/01/08 10:33:42

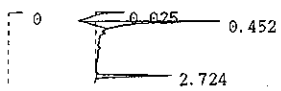


Loc 28
24-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	191	58				
	2	0.453	1738	310				
	3	2.163	96	22		8		1,2-DCA
	4	2.718	1018	200		10	18.6479	TCE
	TOTAL		3042	590			18.6479	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=1:ALDOTD.C54 02/01/08 10:38:27

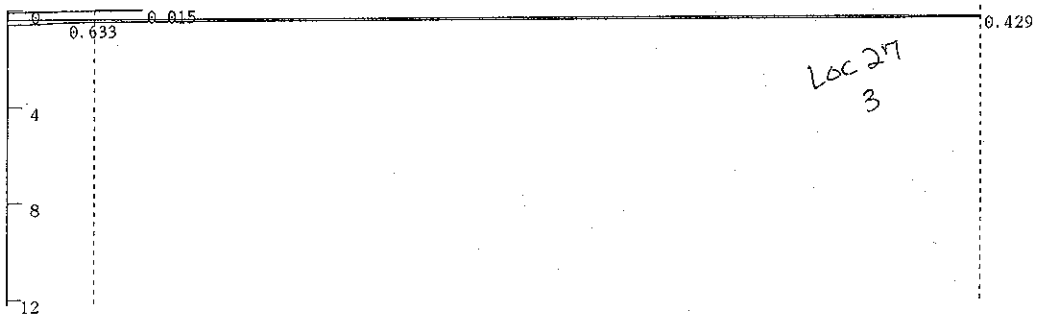


Loc 28
24-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	146	49				
	2	0.452	1907	308				
	3	2.724	873	170		10	15.9989	TCE
	TOTAL		2926	527			15.9989	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=1:ALDOTD.C55 02/01/08 10:44:46

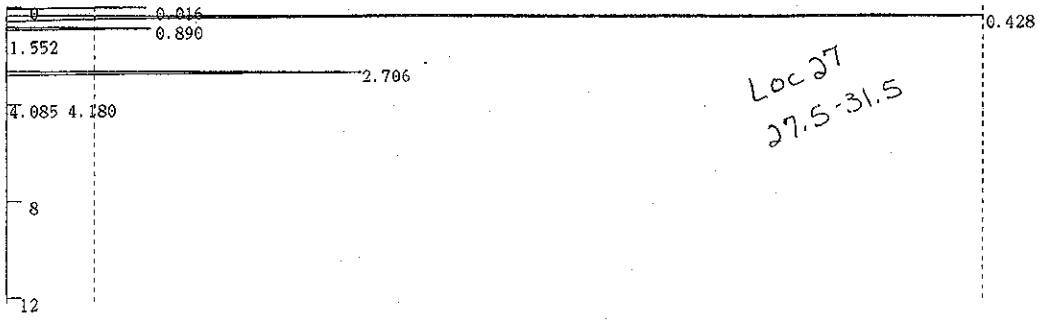


Loc 27
3

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	196	87				
	2	0.429	65376	32261	S			
	3	0.633	59	25	T			
	TOTAL		65631	32373			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=1:ALDOTD.C56 02/01/08 10:58:22



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	223	94				
	2	0.428	41223	15229	S			
	3	0.89	2754	490	T	3	13.7695	1,1-DCE
	4	1.552	330	61		6	1.8827	C-DCE
	5	2.706	7125	1031		10	130.5208	TCE
	6	4.085	384	53				
	7	4.18	146	37	V			
		TOTAL	52185	16995			146.173	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=1:ALDOTD.C57 02/01/08 11:13:19

** CALCULATION REPORT **

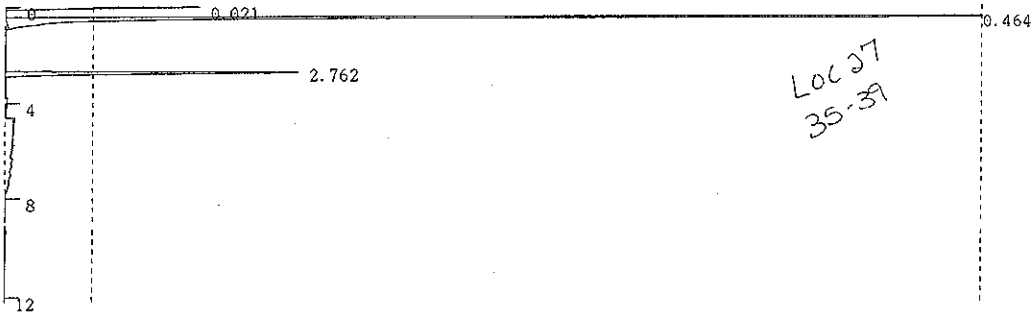
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	51	21				
	2	0.45	2245	401				
	3	0.929	413	118		3	2.0665	1,1-DCE
	4	2.743	675	132		10	12.3623	TCE
		TOTAL	3385	672			14.4288	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=1:ALDOTD.C58 02/01/08 12:47:59

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	465	169				
	2	0.437	20495	5997	S			
	3	0.52	140	21	T			
	4	0.875	327	66	T	3	1.633	1,1-DCE
	5	1.295	292	55		5	1.4575	1,1-DCA
	6	1.58	270	51		6	1.5373	C-DCE
	7	1.877	210	36		7	1.6372	TCA
	8	2.161	321	56		8		1,2-DCA
		TOTAL	22518	6452			6.265	

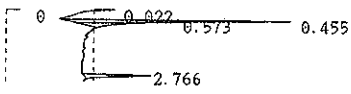
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=1:ALDOTD.C59 02/01/08 12:57:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	545	202				
	2	0.464	44989	16794				
	3	2.762	4379	692		10	80.2288	TCE
		TOTAL	49914	17688			80.2288	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=1:ALDOTD.C60 02/01/08 13:10:45

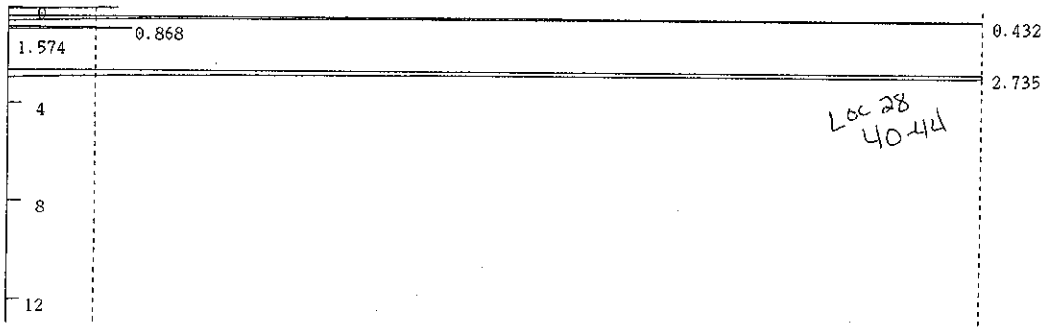


Loc 27
35-39
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	99	38				
	2	0.455	2059	511				
	3	0.573	781	149	V			
	4	2.766	796	152		10	14.5846	TCE
		TOTAL	3735	850			14.5846	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=1:ALDOTD.C61 02/01/08 13:16:20



Loc 28
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	44315	18381	S			
	2	0.868	2318	452	T	3	11.5915	1,1-DCE
	3	1.574	286	57		6	1.6273	C-DCE
	4	2.735	77463	11532		10	1419.1237	TCE
		TOTAL	124382	30421			1432.3425	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=1:ALDOTD.C62 02/01/08 13:38:38

Loc 28
40-44
~~0.1cc~~ 10uL

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.751	2002	389		10	36.673	TCE
		TOTAL	2002	389			36.673	

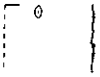
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=1:ALDOTD.C63 02/01/08 13:44:35

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	157	47				
	2	0.46	1891	328				
	3	0.913	277	79		3	1.384	1,1-DCE
		TOTAL	2325	454			1.384	

Loc 28
40-44
0.1cc

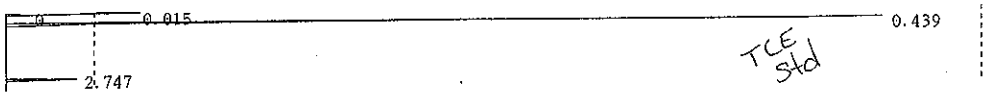
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTD.C64 02/01/08 02:05:36



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C65 02/01/08 03:19:51



** CALCULATION REPORT **

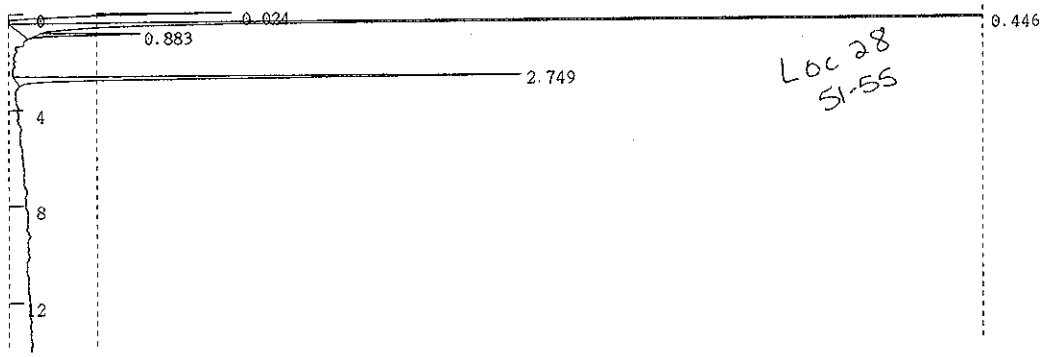
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	188	80				
	2	0.439	8633	2289				
	3	2.747	2246	339		10	41.1504	TCE
	TOTAL		11067	2708			41.1504	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C66 02/01/08 03:24:07

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	397	145				
	2	0.442	10589	2910				
	3	2.751	3226	462		10	59.1058	TCE
	TOTAL		14212	3518			59.1058	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C67 02/01/08 03:28:41



** CALCULATION REPORT **

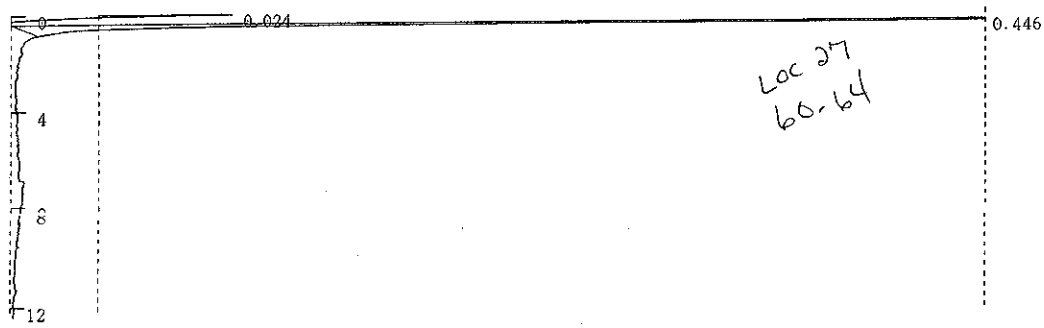
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	823	238				
	2	0.446	37247	15598	S			
	3	0.883	1154	233	T	3	5.77	1,1-DCE
	4	2.749	7438	1150		10	136.2641	TCE
	TOTAL		46662	17219			142.0341	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C68 02/01/08 03:49:50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	119	41				
	2	0.413	28	18				
	3	0.467	1568	221	V			
	4	0.915	291	85		3	1.4555	1,1-DCE
	5	2.776	1857	347		10	34.0184	TCE
	TOTAL		3863	712			35.4739	

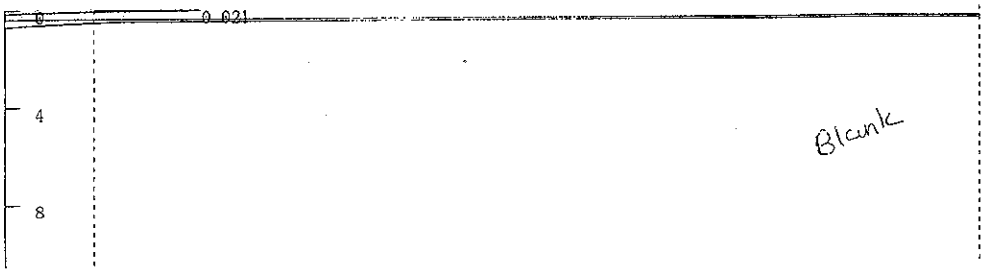
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTD.C69 02/01/08 03:54:44



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	763	230				
	2	0.446	32504	12629				
	TOTAL		33267	12859			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTD.C70 02/01/09 08:00:42

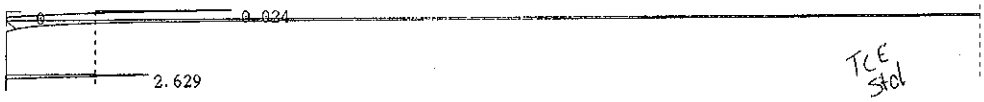


12 6

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	534	183				
	2	0.423	238378	110422				
		TOTAL	238912	110605			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTD.C71 02/01/09 08:13:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	820	239				
	2	0.424	46576	19681				
	3	2.629	2276	372		10	41.7018	TCE
		TOTAL	49672	20292			41.7018	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTD.C72 02/01/09 08:25:09

** CALCULATION REPORT **

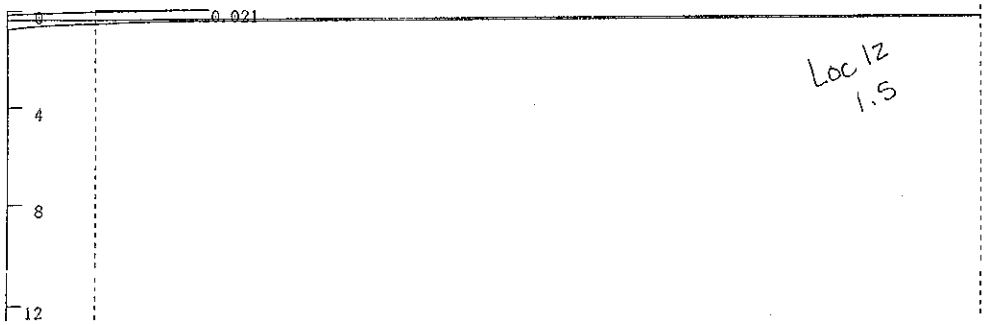
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	449	158				
	2	0.422	24561	7818				
	3	2.65	3362	495		10	61.5918	TCE
		TOTAL	28373	8472			61.5918	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTD.C73 02/01/09 08:31:27

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.428	25850	11666				
	2	0.537	3163	358	V			
	3	0.852	511	93	V	3	2.5525	1,1-DCE
	4	1.267	217	47		5	1.0845	1,1-DCA
	5	1.547	252	54		6	1.4364	C-DCE
	6	2.111	204	42		8		1,2-DCA
		TOTAL	30196	12259			5.0734	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTD.C74 02/01/09 08:41:11

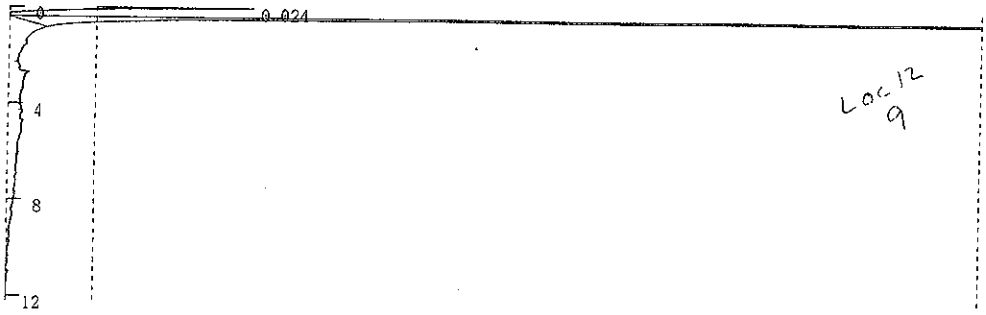


12 7

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	581	193				
	2	0.439	66806	30869				
		TOTAL	67386	31061			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTD.C75 02/01/09 08:55:54



** CALCULATION REPORT **

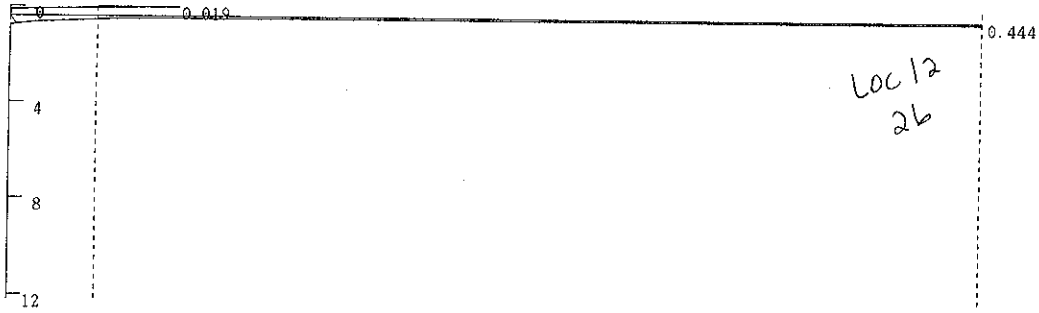
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	932	266				
	2	0.444	59463	28450				
		TOTAL	60395	28715			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTD.C76 02/01/09 09:10:03

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.43	55683	26876				
		TOTAL	55683	26876			0	

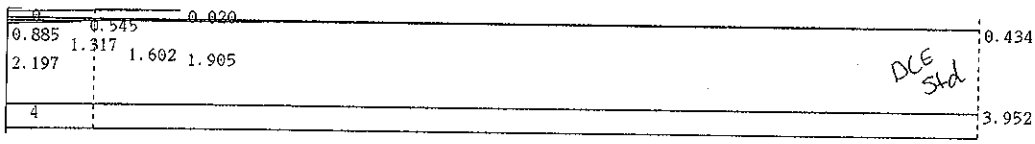
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTD.C77 02/01/09 09:26:14



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	386	137				
	2	0.444	52348	25568				
		TOTAL	52734	25706			0	

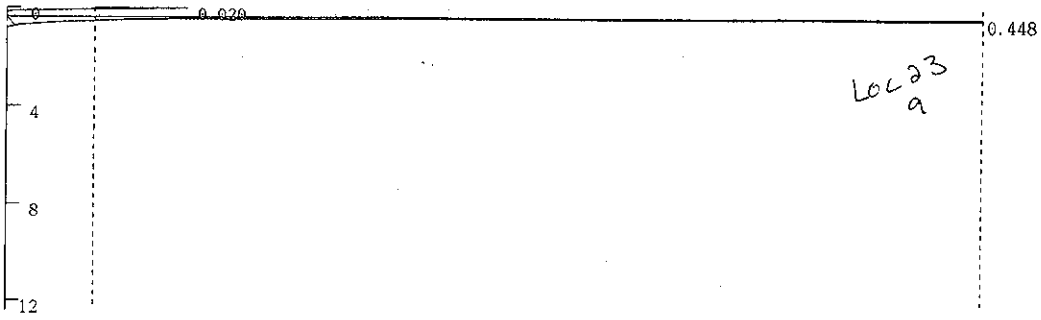
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTD.C78 02/01/09 09:54:06



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	404	144				
	2	0.434	37663	50526				
	3	0.545	2130	316	V			
	4	0.885	328	71		3	1.64	1,1-DCE
	5	1.317	294	57		5	1.471	1,1-DCA
	6	1.602	291	56		6	1.6598	C-DCE
	7	1.905	217	40		7	1.6887	TCA
	8	2.197	285	53		8		1,2-DCA
	9	3.952	108123	262618				
		TOTAL	149735	313879			6.4595	

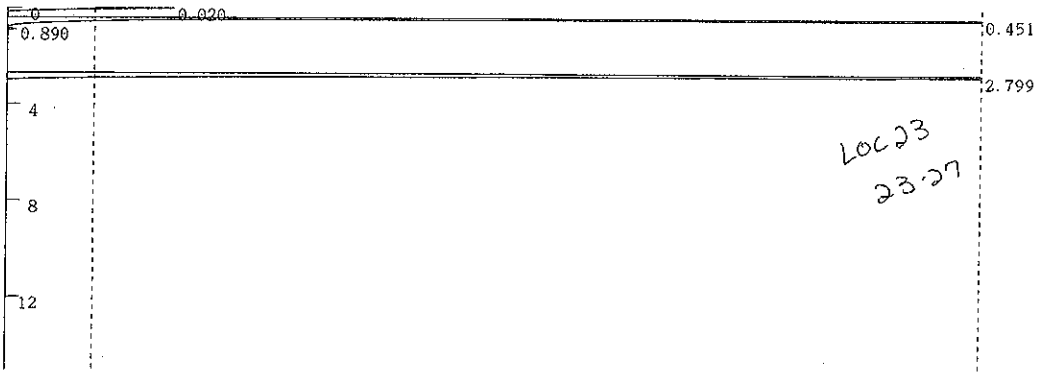
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTD.C79 02/01/09 10:02:23



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	450	155				
	2	0.448	45267	20654				
		TOTAL	45717	20809			0	

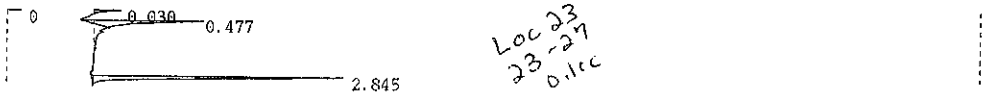
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTD.C80 02/01/09 10:16:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	382	137				
	2	0.451	47906	22514	S			
	3	0.89	193	43	T	3	0.967	1,1-DCE
	4	2.799	23133	3509		10	423.7984	TCE
		TOTAL	71615	26203			424.7653	

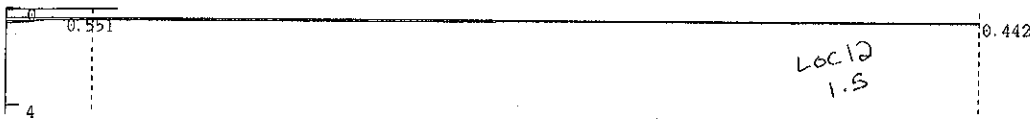
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTD.C81 02/01/09 10:34:13



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.03	147	44				
	2	0.477	1772	269				
	3	2.845	3220	570		10	58.9886	TCE
		TOTAL	5138	883			58.9886	

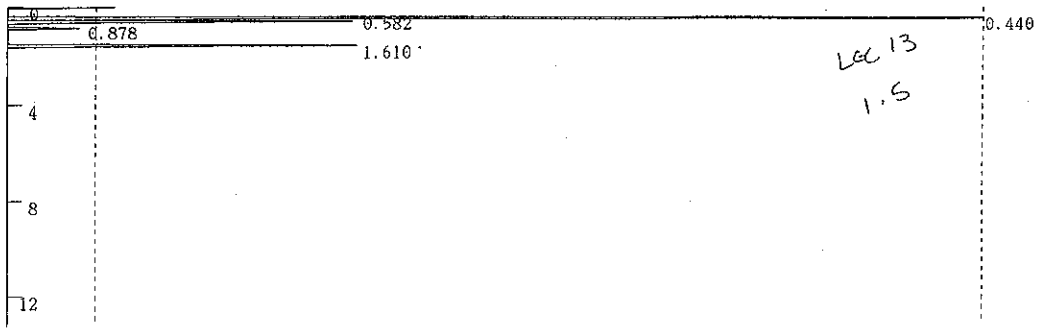
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTD.C82 02/01/09 10:39:47



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.442	37374	19610				
	2	0.551	2556	349	V			
		TOTAL	39930	19959			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTD.C83 02/01/09 10:45:12



Loc 13
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.44	35266	15616				
	2	0.582	7237	1041	V			
	3	0.878	2932	349	V	3	14.658	1,1-DCE
	4	1.61	5240	945		6	29.8697	C-DCE
		TOTAL	50675	17951			44.5277	

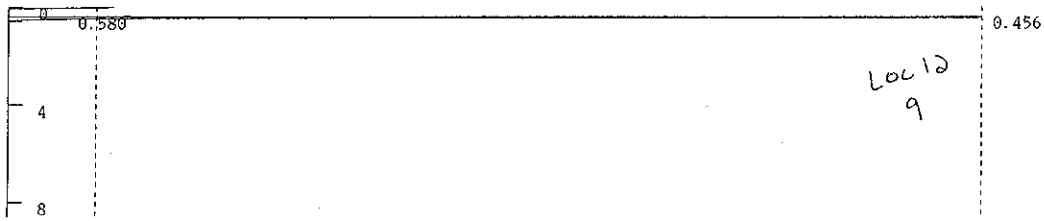
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTD.C84 02/01/09 11:00:09

Loc 13
1.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	56	24				
	2	0.474	2078	394				
	3	0.626	1894	434	V			
	4	0.937	457	111		3	2.284	1,1-DCE
	5	1.655	574	151				
		TOTAL	5059	1114			2.284	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTD.C85 02/01/09 11:08:45

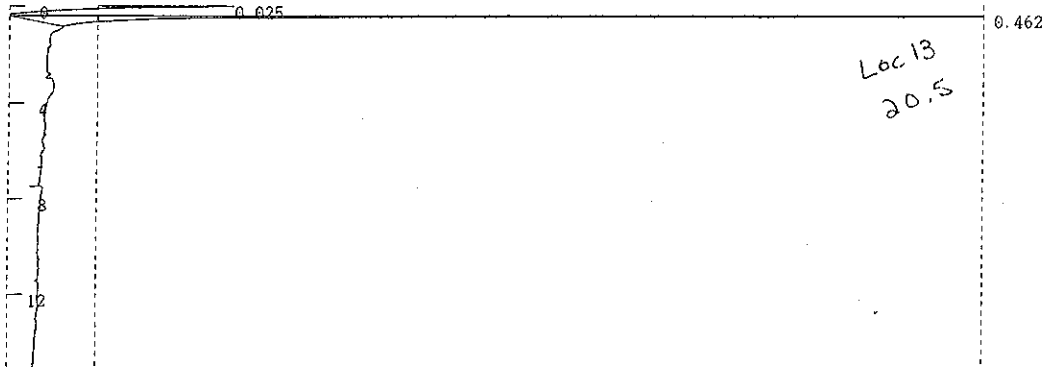


Loc 12
9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.456	24063	10910				
	2	0.58	2194	307	V			
		TOTAL	26257	11217			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTD.C86 02/01/09 11:25:36

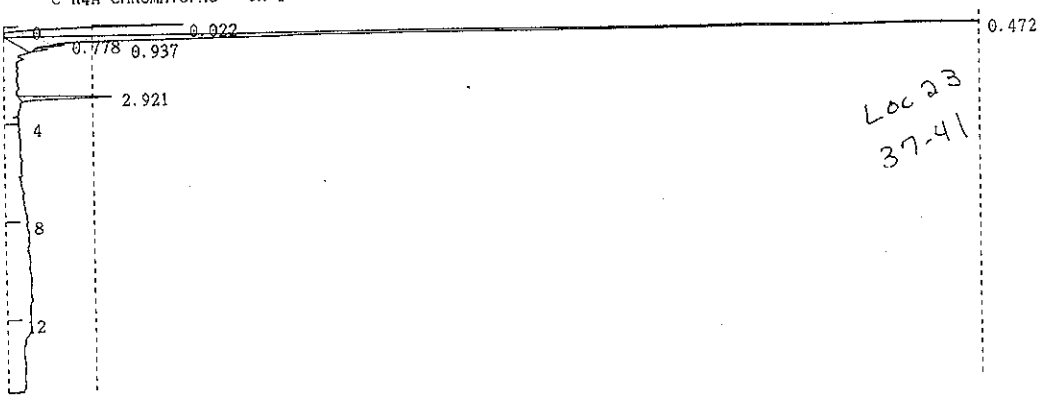


Loc 13
20.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	889	234				
	2	0.462	27496	12077				
		TOTAL	28385	12310			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTD.C87 02/01/09 13:26:08



** CALCULATION REPORT **

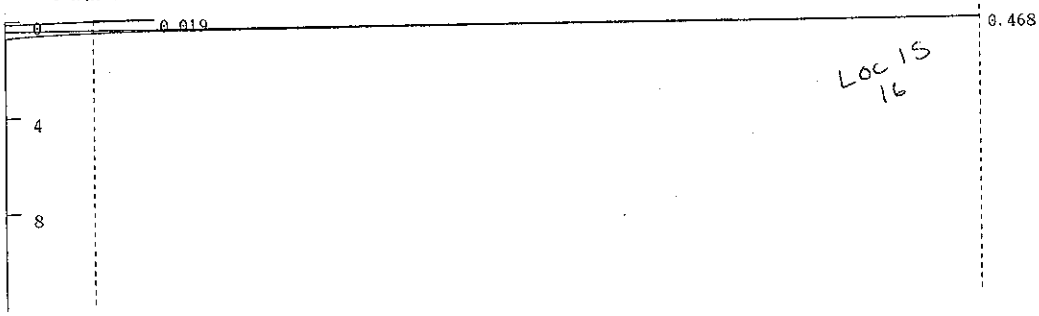
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	497	160				
	2	0.472	31031	9819	S			
	3	0.778	159	35	T			
	4	0.937	143	31	T	3	0.716	1,1-DCE
	5	2.921	1381	208				
		TOTAL	33213	10252			0.716	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTD.C88 02/01/09 13:58:10

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	166	69				
	2	0.461	32199	8952	S			
	3	0.773	226	52	T			
	4	0.914	142	35	T	3	0.7115	1,1-DCE
	5	2.894	1728	257		10	31.6625	TCE
		TOTAL	34461	9366			32.374	

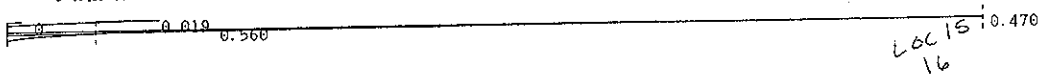
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTD.C89 02/01/09 14:32:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	286	107				
	2	0.468	16045	6242				
		TOTAL	16332	6349			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTD.C90 02/01/09 14:46:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	316	112				
	2	0.47	14355	6485				
	3	0.56	1928	295	V			
		TOTAL	16598	6892			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTD.C91 02/01/09 14:49:13

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	265	102				
	2	0.452	26160	56808				
	3	0.526	2820	329	V			
	4	2.912	4041	575				
		TOTAL	33286	57813			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTD.C92 02/01/09 14:53:31

** CALCULATION REPORT **

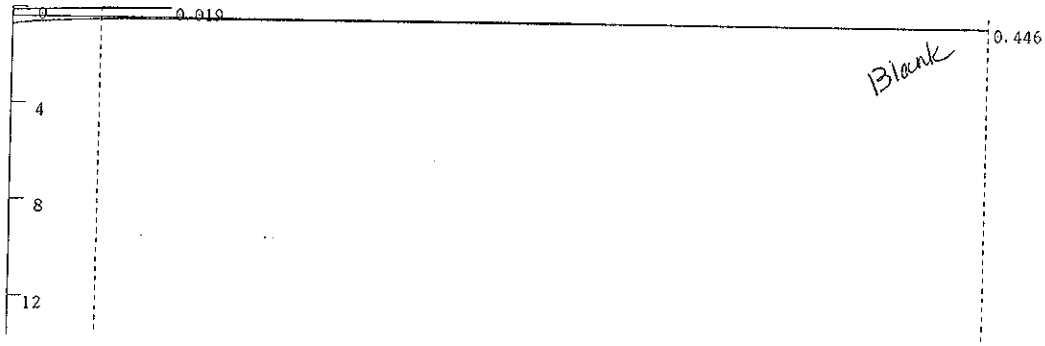
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	331	116				
	2	0.464	2324	838				
	3	0.523	2603	308	V			
	4	2.867	3739	534		10	68.504	TCE
		TOTAL	8997	1796			68.504	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTD.C93 02/01/09 14:59:35

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	218	85				
	2	0.438	4310	1856				
	3	0.49	685	320	V			
	4	0.543	2162	335	V			
	5	0.88	350	77		3	1.749	1,1-DCE
	6	1.299	283	60		5	1.417	1,1-DCA
	7	1.593	306	61		6	1.7465	C-DCE
	8	1.886	250	44		7	1.95	TCA
	9	2.172	291	57		8		1,2-DCA
		TOTAL	8856	2894			6.8625	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTD.C94 02/01/09 15:04:06



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	326	119				
	2	0.446	16770	6377				
		TOTAL	17096	6496			0	

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	300	107				
	2	0.448	50147	23862	S			
	3	0.577	125	27	T			
TOTAL			50572	23996			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C01 02/01/10 14:51:29

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C02 02/01/10 15:12:13

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	362	128				
	2	0.441	14890	4849				
	3	2.744	3386	493		10	62.0315	TCE
TOTAL			18638	5470			62.0315	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C03 02/01/10 15:18:39

** CALCULATION REPORT **

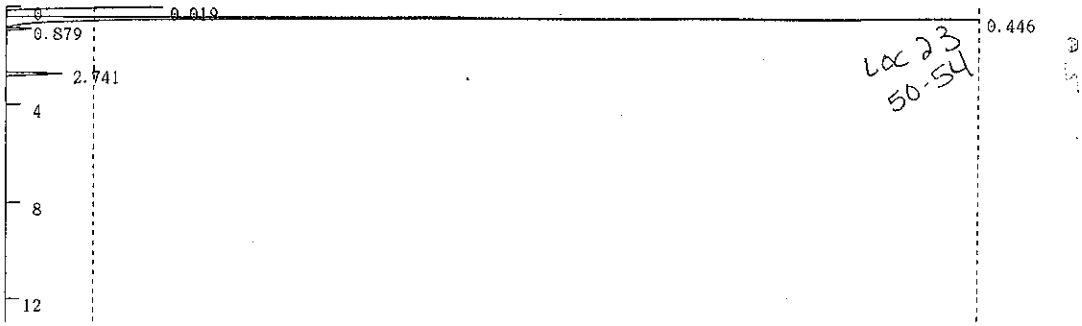
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	273	102				
	2	0.439	12935	5664				
	3	0.531	3051	339	V			
	4	0.878	537	86	V	3	2.6865	1,1-DCE
	5	1.298	230	46		5	1.1515	1,1-DCA
	6	1.575	230	46		6	1.3121	C-DCE
	7	1.888	185	35		7	1.4407	TCA
	8	2.163	258	46		8		1,2-DCA
TOTAL			17699	6364			6.5908	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C04 02/01/10 15:24:33

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	466	156				
	2	0.443	10166	2708				
	3	2.146	12495	1985		8		1,2-DCA
	4	4.652	11629	1323		11	17.8035	TOLUENE
	5	9.775	10522	718		14	21.3801	EBZ
	6	12.818	8173	449		16	19.9267	O-XYL
TOTAL			53451	7339			59.1104	

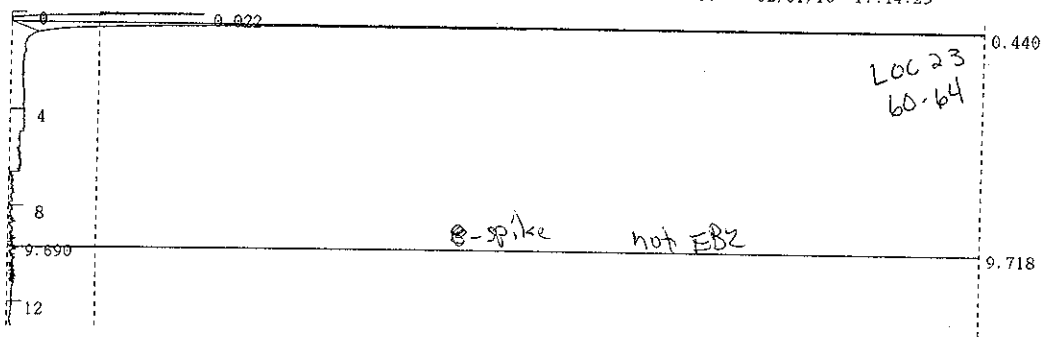
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C05 02/01/10 15:59:36



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	324	118				
	2	0.446	22635	9031	S			
	3	0.879	307	64	T	3	1.5345	1,1-DCE
	4	2.741	1065	163		10	19.5053	TCE
		TOTAL	24330	9375			21.0398	

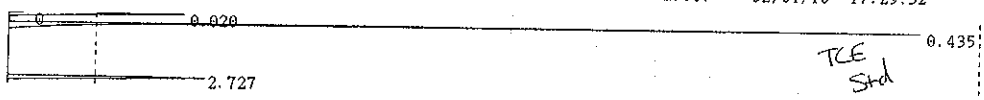
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C06 02/01/10 17:14:23



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	562	179				
	2	0.44	25264	10877				
	3	9.69	27	17		14	0.0543	EBZ
	4	9.718	2070	4279	V	14	4.2056	EBZ
		TOTAL	27923	15351			4.2599	

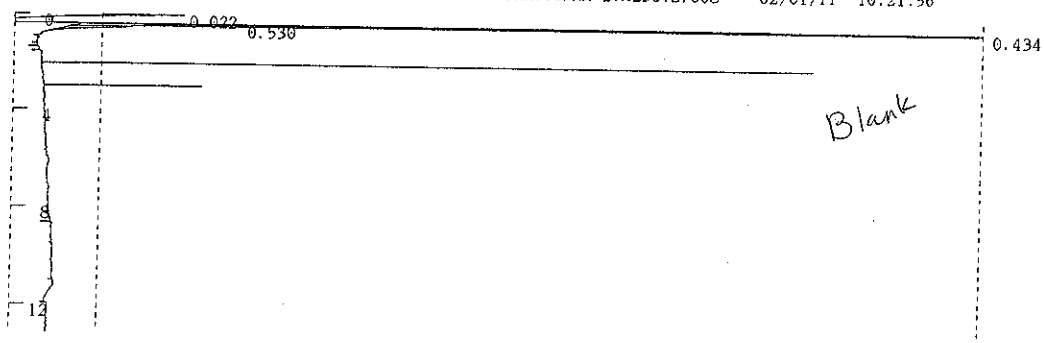
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTE.C07 02/01/10 17:29:32



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	429	150				
	2	0.435	8110	2215				
	3	2.727	3400	508		10	62.2917	TCE
		TOTAL	11938	2873			62.2917	

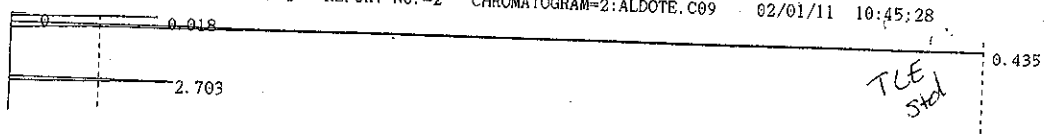
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C08 02/01/11 10:21:56



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	433	144				
	2	0.434	10937	6640				
	3	0.53	845	146	V			
		TOTAL	12215	6930			0	

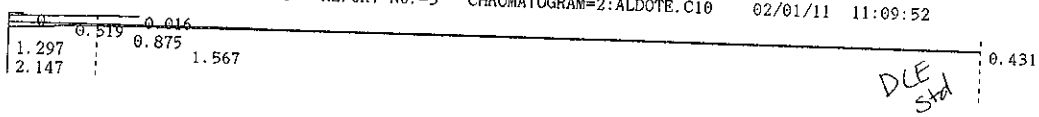
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C09 02/01/11 10:45:28



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	260	101				
	2	0.435	14816	4814				
	3	2.703	3172	465		10	58.1147	TCE
	TOTAL		18247	5380			58.1147	

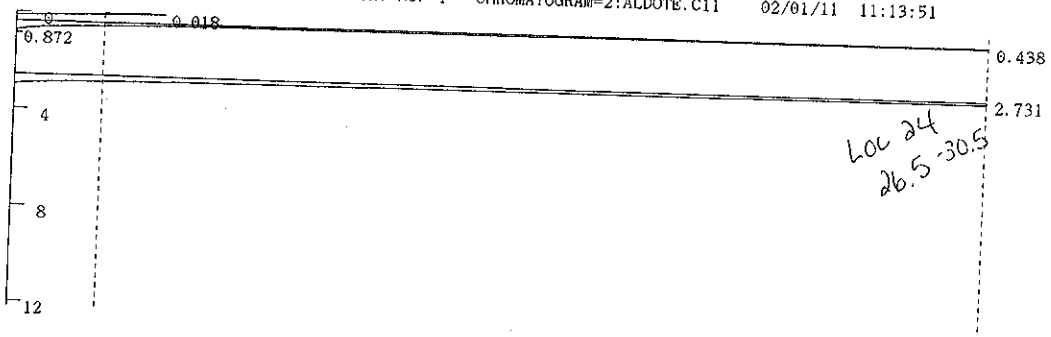
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C10 02/01/11 11:09:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	180	75				
	2	0.431	22223	8515	S			
	3	0.519	181	30	T			
	4	0.875	264	53	T	3	1.3195	1,1-DCE
	5	1.297	198	40		5	0.9885	1,1-DCA
	6	1.567	175	36		6	0.9992	C-DCE
	7	2.147	191	38		8		1,2-DCA
	TOTAL		23411	8786			3.3072	

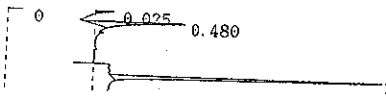
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C11 02/01/11 11:13:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	267	105				
	2	0.438	50185	24957	S			
	3	0.872	173	37	T	3	0.8645	1,1-DCE
	4	2.731	30001	4441		10	549.6091	TCE
	TOTAL		80626	29540			550.4735	

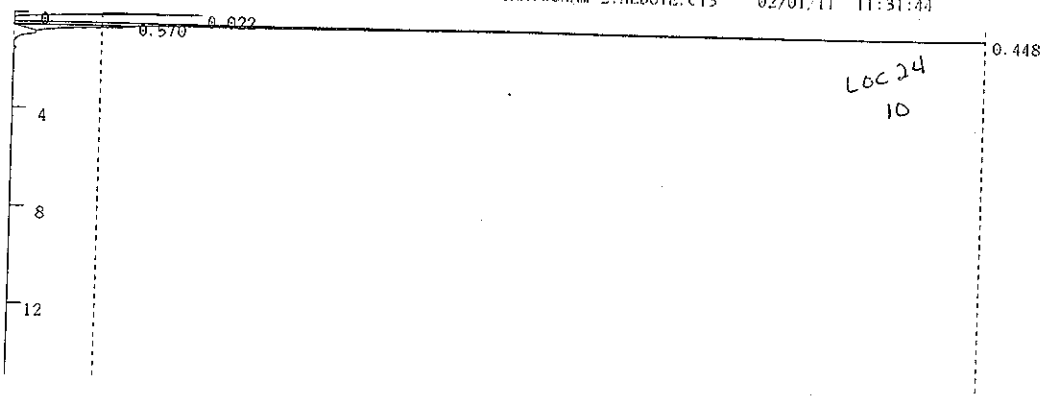
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C12 02/01/11 11:27:08



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	86	31				
	3	0.48	1550	225	V			
	4	2.78	3282	615		10	60.1207	TCE
	TOTAL		4918	871			60.1207	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C13 02/01/11 11:31:44

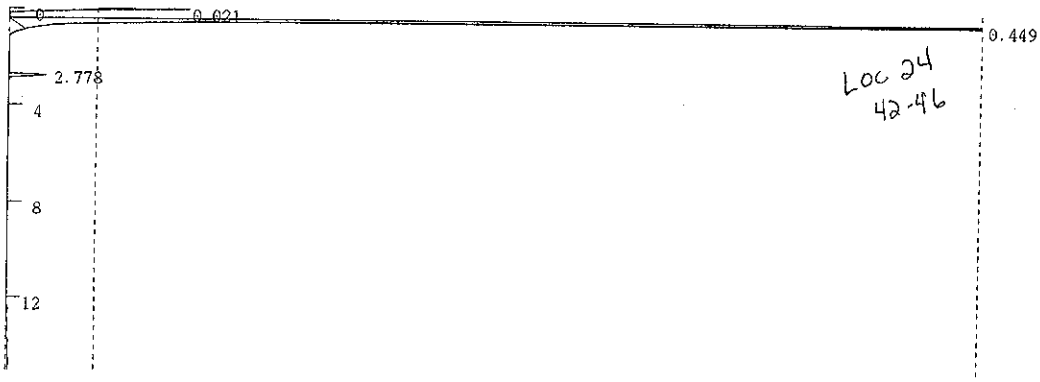


13 8

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	505	168				
	2	0.448	38953	19890				
	3	0.57	2120	318	V			
	TOTAL							

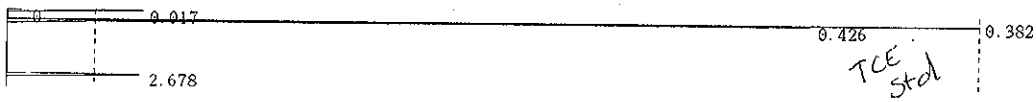
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTE.C14 02/01/11 15:48:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	468	156				
	2	0.449	32311	10717				
	3	2.778	634	97		10	11.6185	TCE
	TOTAL		33414	10971			11.6185	

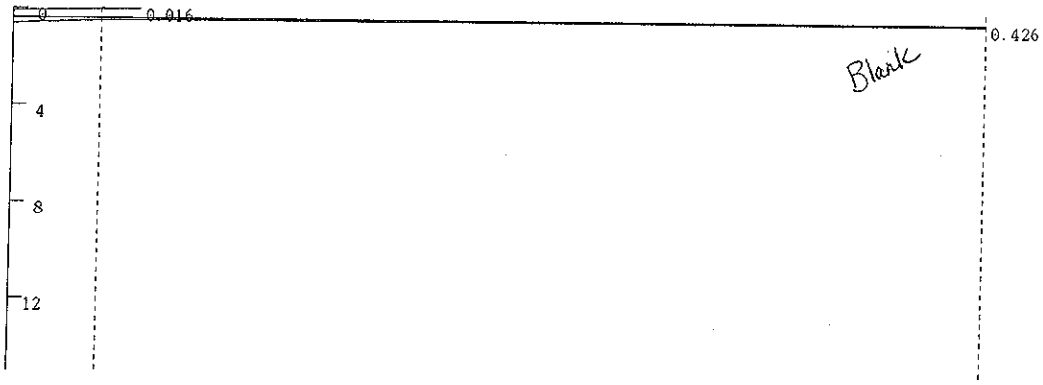
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTE.C15 02/01/11 16:53:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	206	87				
	2	0.382	2430	2904				
	3	0.426	8200	2093	V			
	4	2.678	3180	469		10	58.2558	TCE
	TOTAL		14017	5554			58.2558	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTE.C16 02/01/11 16:57:48

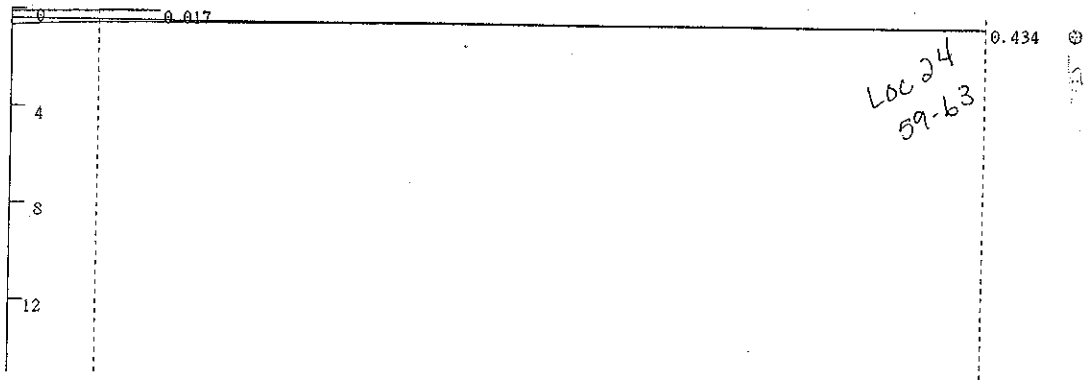


13 9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	158	70				
	2	0.426	38014	17518				
	TOTAL		38172	17588			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTE.C17 02/01/11 17:47:18



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	264	103				
	2	0.434	22131	7900				
		TOTAL	22395	8004			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C18 02/01/14 10:26:18

Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	196	83				
	2	0.421	129672	63070				
		TOTAL	129867	63152			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C19 02/01/14 10:51:34

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C20 02/01/14 11:01:43

** CALCULATION REPORT **

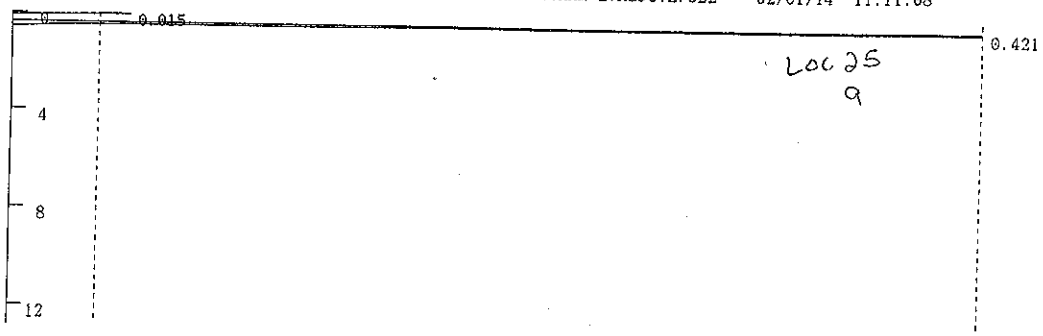
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	652	206				
	2	0.432	24224	9426				
	3	2.647	2703	410		10	49.5135	TCE
		TOTAL	27578	10041			49.5135	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C21 02/01/14 11:06:50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	200	86				
	2	0.42	24414	10989				
	3	0.51	3116	349	V			
	4	0.845	551	85	V	3	2.757	1,1-DCE
	5	1.255	217	42		5	1.0835	1,1-DCA
	6	1.411	52	20	V			
	7	1.517	233	43	V	6	1.3298	C-DCE
	8	2.079	183	35		9	0.2478	BENZENE
		TOTAL	28966	11648			5.4181	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C22 02/01/14 11:11:08



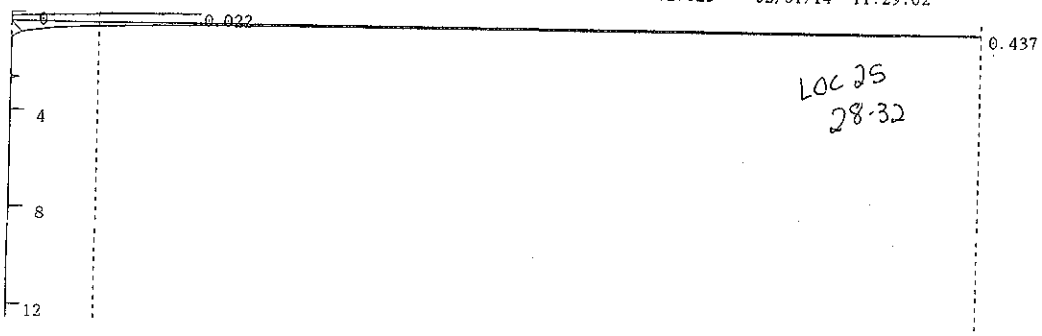
Loc 25
9

14 1

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	120	56				
	2	0.421	91233	49206				
	TOTAL		91354	49262			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C23 02/01/14 11:29:02



Loc 25
28-32

** CALCULATION REPORT **

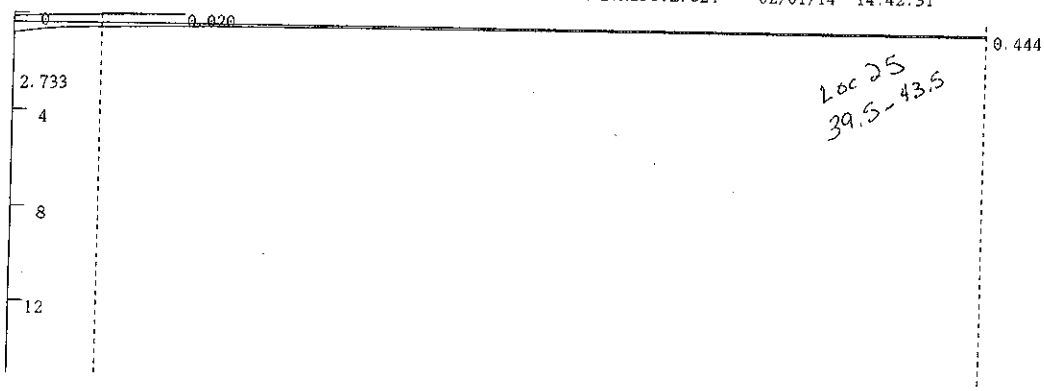
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	525	175				
	2	0.437	72932	37142				
	TOTAL		73458	37317			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTE.C23 02/01/14 11:29:02

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	525	175				
	2	0.437	72932	37142				
	TOTAL		73458	37317			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTE.C24 02/01/14 14:42:31

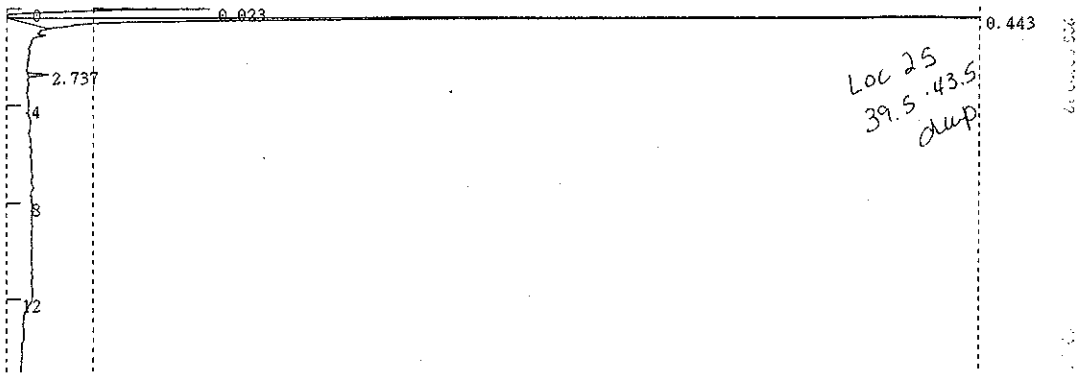


Loc 25
39.5-43.5

14 2

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	403	141				
	2	0.444	31022	10176	S			
	4	2.733	270	43		10	4.9409	TCE
	TOTAL		31695	10360			4.9409	



** CALCULATION REPORT **

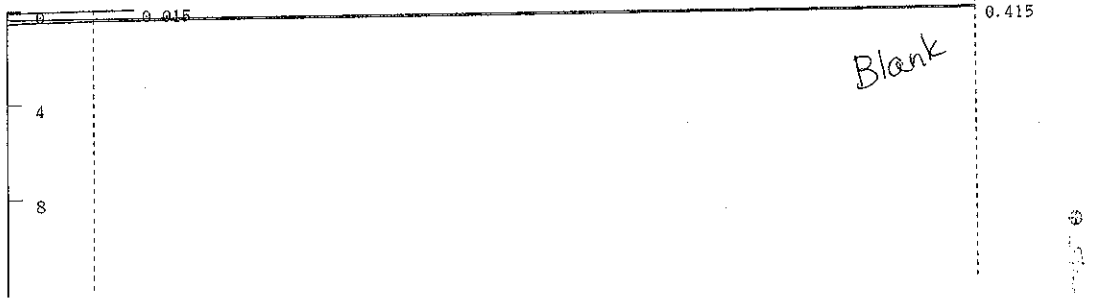
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	649	196				
	2	0.443	36222	15226				
	3	2.737	268	45		10	4.9024	TCE
		TOTAL	37138	15467			4.9024	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C27 02/14/00 17:22:25

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	431	149				
	2	0.435	9156	2371				
	3	2.707	2936	424		10	53.7839	TCE
		TOTAL	12523	2944			53.7839	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C28 02/01/15 08:58:18



** CALCULATION REPORT **

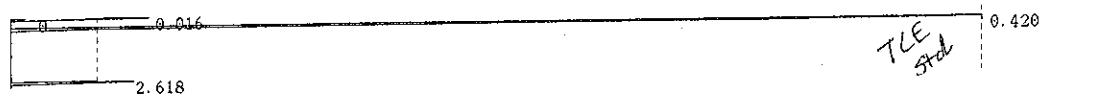
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	173	73				
	2	0.415	151474	73082				
		TOTAL	151647	73156			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C29 02/01/15 09:12:23

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.417	32184	12525				
	2	2.609	2511	382				
		TOTAL	34695	12907			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C30 02/01/15 09:16:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	214	88				
	2	0.42	25081	8815				
	3	2.618	3278	492				

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C31 02/01/15 09:22:42

DCE std.

14 4

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	292	116				
	2	0.423	22868	8910				
	3	0.515	3368	381	V			
	4	0.849	678	99	V	3	3.388	1,1-DCE
	5	1.255	251	48		5	1.2525	1,1-DCA
	6	1.529	253	47		6	1.4392	C-DCE
	7	1.823	188	34		7	1.4648	TCA
	8	2.097	228	44		8		1,2-DCA
	TOTAL		28124	9680			7.5446	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C32 02/01/15 09:49:48

~~Loc 30~~ redo

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.119	4736	903				
	2	0.367	11024	2001				
	3	0.587	359	91				
	TOTAL		16119	2994			0	

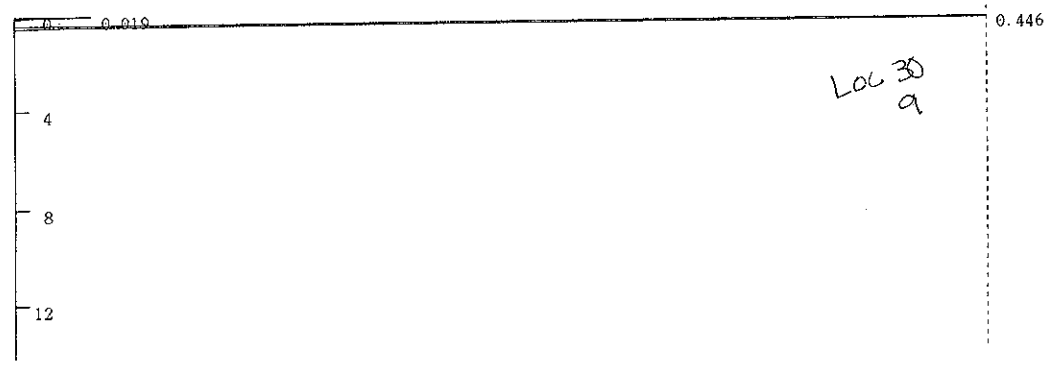
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C32 02/01/15 10:22:39

error

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.223	11293	3625	E			
	2	0.276	12268	3188	V			
	3	3.567	4268	534		12	53.3487	PCE
	4	3.992	35536	17931	S			
	5	4.113	29	7	T			
	TOTAL		63394	25284			53.3487	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C33 02/01/15 10:28:46



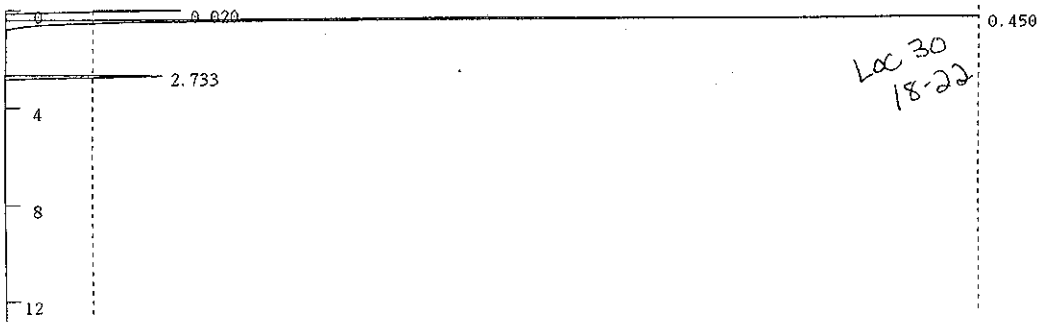
Loc 30
9

14 5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	368	132				
	2	0.446	38498	18489				
	TOTAL		38866	18622			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C34 02/01/15 10:44:52

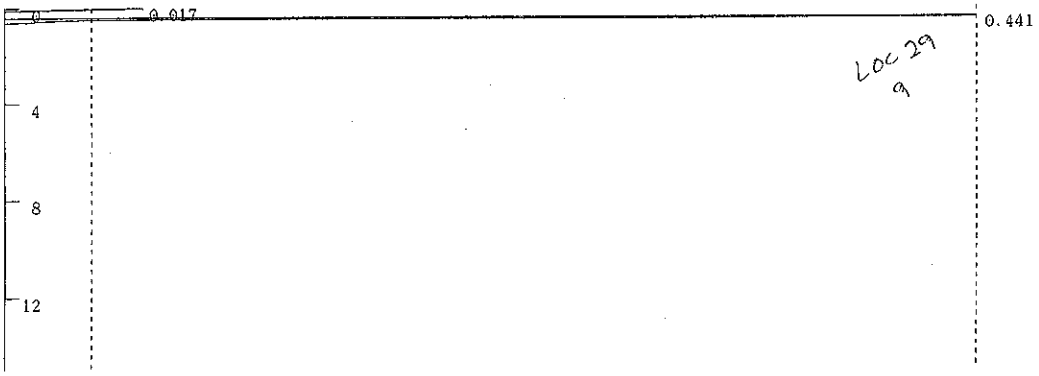


Loc 30
18-22

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	429	150				
	2	0.45	43127	19867				
	3	2.733	2880	411		10	52.7653	TCE
	TOTAL		46436	20428			52.7653	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C35 02/01/15 11:01:40

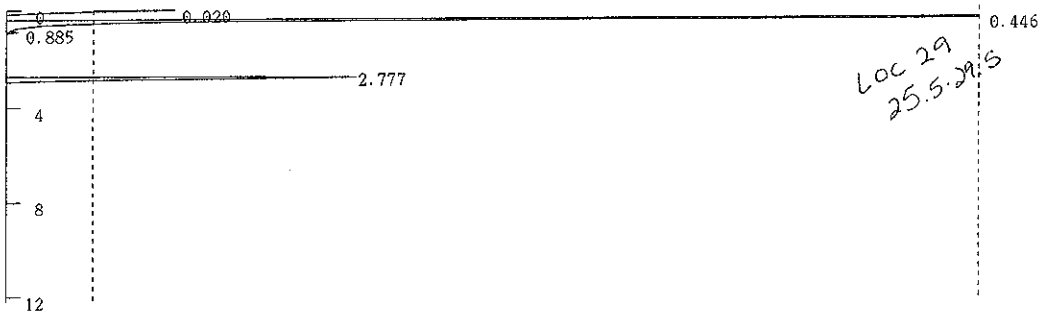


Loc 29
9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	222	90				
	2	0.441	46629	22910				
	TOTAL		46851	23000			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C36 02/01/15 13:02:29



Loc 29
25.5-29.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	381	137				
	2	0.446	68539	32531	S			
	3	0.885	120	26	T	3	0.6015	1,1-DCE
	4	2.777	5824	843		10	106.6902	TCE
	TOTAL		74864	33538			107.2917	

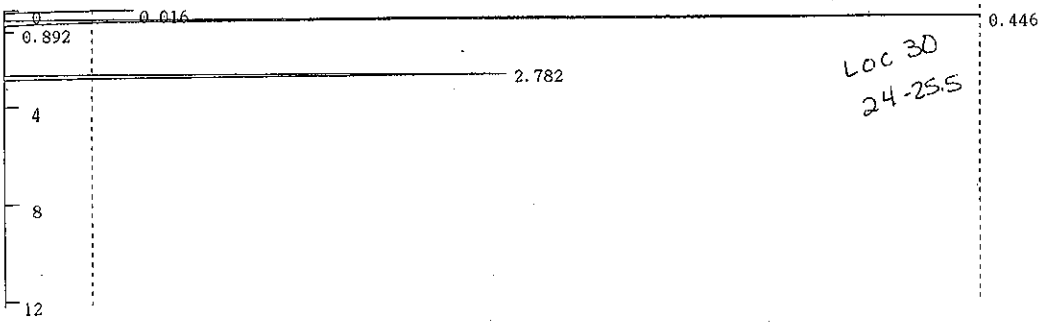
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C37 02/01/15 13:16:09

Loc 29
25.5-29.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	68	26				
	2	0.466	1255	207				
	3	2.807	743	141		10	13.6154	TCE
	TOTAL		2066	374			13.6154	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C38 02/01/15 13:21:14



Loc 30
24-25.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	171	73				
	2	0.446	37129	16591	S			
	3	0.892	464	91	T	3	2.319	1,1-DCE
	4	2.782	8760	1246		10	160.4887	TCE
		TOTAL	46524	18001			162.8077	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C39 02/01/15 13:34:43

Loc 30
24-25.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.028	83	31				
	2	0.478	933	164				
	3	2.817	713	137		10	13.0658	TCE
		TOTAL	1729	332			13.0658	

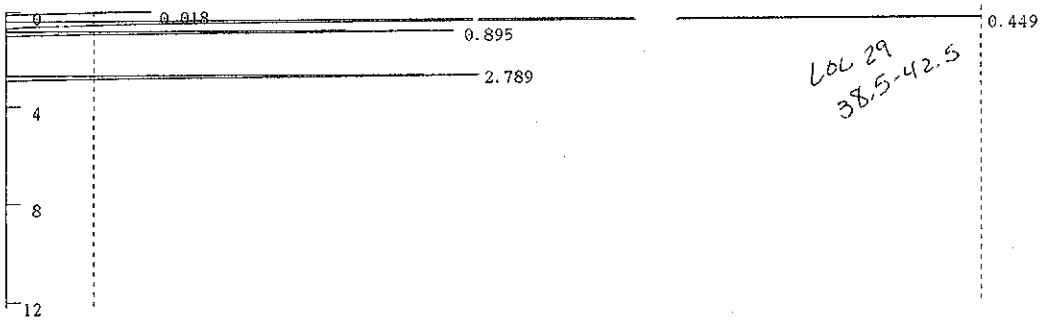
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C40 02/01/15 13:39:40

Loc 30
24-25.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	44	19				
	2	0.467	1330	178				
	3	0.917	47	17		3	0.236	1,1-DCE
	4	2.807	876	166		10	16.0465	TCE
		TOTAL	2298	379			16.2825	

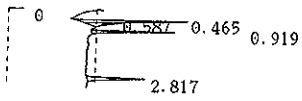
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C41 02/01/15 13:45:09



Loc 29
38.5-42.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	249	99				
	2	0.449	33907	13644				
	3	0.895	5834	1060		3	29.1715	1,1-DCE
	4	2.789	8228	1168		10	150.7369	TCE
		TOTAL	48219	15971			179.9084	

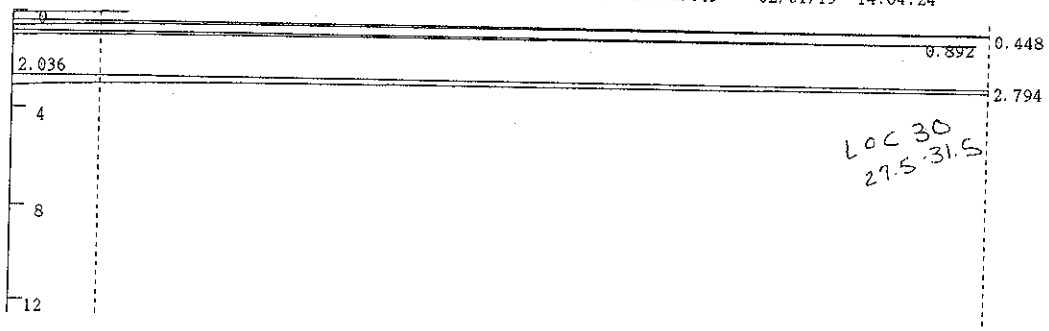


Loc 29
38.5-42.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.465	1225	254	V			
	3	0.587	325	70	V			
	4	0.919	632	191		3	3.1595	1,1-DCE
	5	2.817	708	133		10	12.9724	TCE
		TOTAL	2890	648			16.1319	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTE.C43 02/01/15 14:04:24

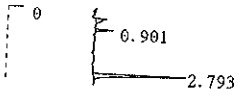


Loc 30
27.5-31.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.448	36319	15640				
	2	0.892	13618	2357	V	3	68.0895	1,1-DCE
	3	2.036	202	37		9	0.2746	BENZENE
	4	2.794	88693	12145		10	1624.863	TCE
		TOTAL	138833	30179			1693.227	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTE.C44 02/01/15 14:23:13

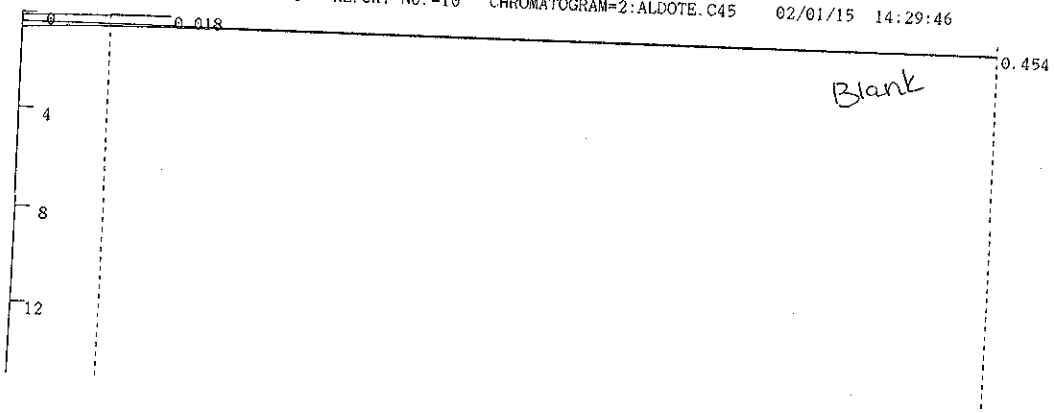


Loc 30
27.5-31.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.901	128	42		3	0.6405	1,1-DCE
	2	2.793	1130	209		10	20.7071	TCE
		TOTAL	1258	251			21.3476	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTE.C45 02/01/15 14:29:46



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** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	269	104				
	2	0.454	33217	14604				
		TOTAL	33486	14707			0	

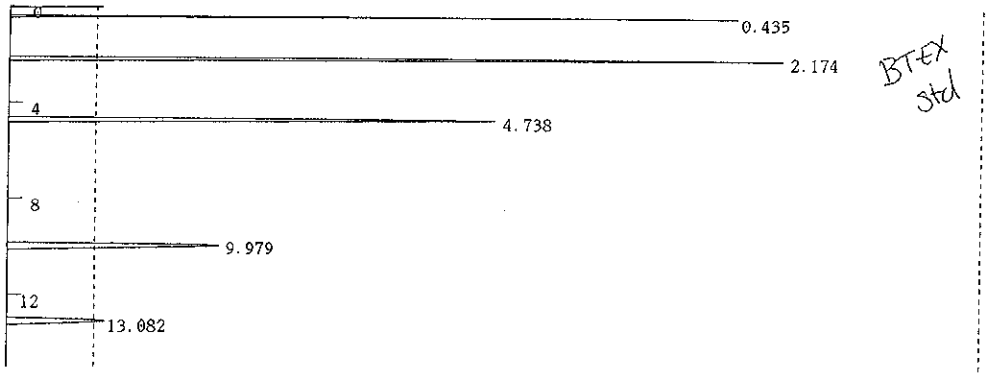
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTE.C46 02/01/15 14:47:09

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	218	88				
	2	0.445	7504	2933				
	3	0.537	3028	332	V			
	4	0.897	687	99	V	3	3.4325	1,1-DCE
	5	1.328	283	54		5	1.4135	1,1-DCA
	6	1.606	292	56		6	1.6644	C-DCE
	7	1.919	243	41		7	1.8962	TCA
	8	2.198	289	52		8		1,2-DCA
		TOTAL	12543	3656			8.4066	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTE.C47 02/01/15 14:51:36



BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.435	7693	1964				
	2	2.174	12452	1949		8		1,2-DCA
	3	4.738	11453	1306		11	17.5338	TOLUENE
	4	9.979	10041	683		14	20.4035	EBZ
	5	13.082	7819	426		16	19.0625	O-XYL
		TOTAL	49458	6329			56.9998	

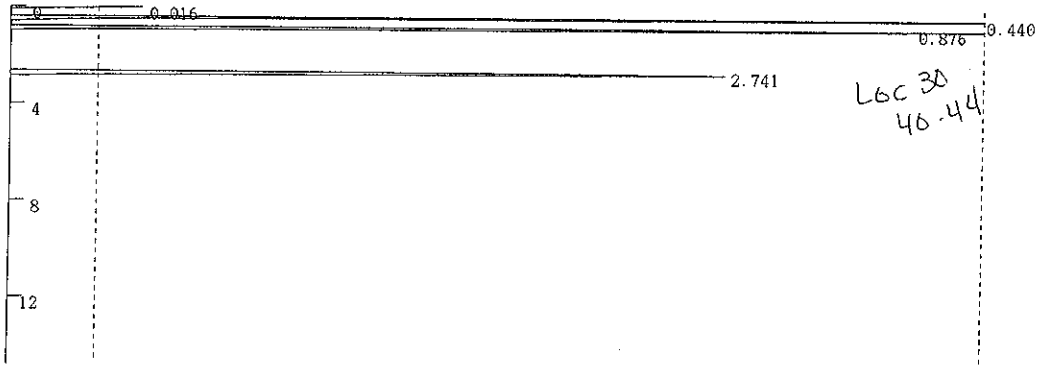
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTE.C48 02/01/15 15:09:34

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	186	79				
	2	0.448	7799	2047				
	3	2.791	2991	418		10	54.7933	TCE
		TOTAL	10975	2544			54.7933	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTE.C49 02/01/15 16:35:51



Loc 30
40.44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	183	78				
	2	0.44	29471	11644				
	3	0.876	13903	2424	V	3	69.514	1,1-DCE
	4	2.741	12225	1740		10	223.9546	TCE
		TOTAL	55781	15887			293.4686	

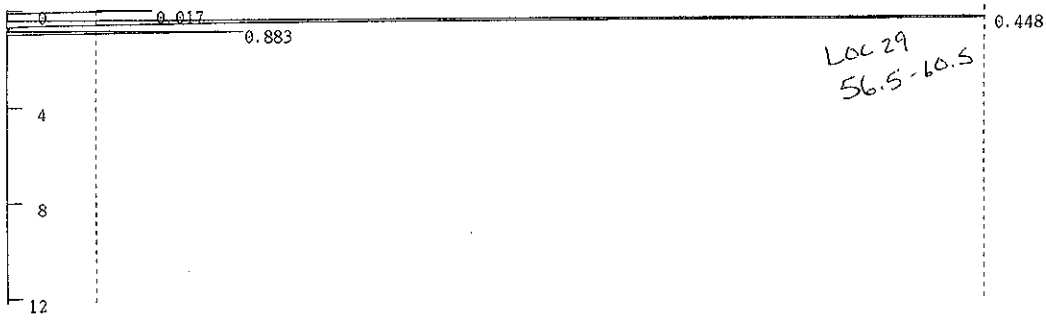
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTE.C50 02/01/15 16:56:56

Loc 30
40-44
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	112	38				
	2	0.467	1203	194				
	3	0.91	1654	505		3	8.2695	1,1-DCE
	4	2.769	1256	239		10	23.0118	TCE
		TOTAL	4225	976			31.2812	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTE.C51 02/01/15 17:01:57



Loc 29
56.5-60.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	247	97				
	2	0.448	41921	16420				
	3	0.883	3066	590		3	15.3295	1,1-DCE
		TOTAL	45234	17107			15.3295	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTE.C52 02/01/15 17:15:25

Loc 29
56.5-60.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	81	31				
	2	0.458	1959	492				
	3	0.569	418	108	V			
	4	0.902	285	93		3	1.425	1,1-DCE
		TOTAL	2743	724			1.425	

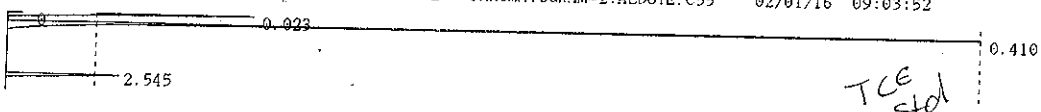
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C54 02/01/16 08:57:30

Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	226	97				
	2	0.407	141745	74074				
		TOTAL	141970	74170			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C55 02/01/16 09:03:52

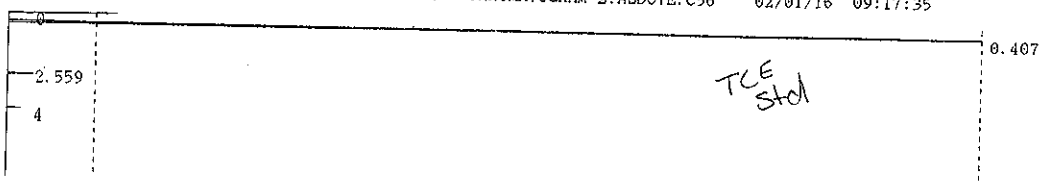


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	881	265				
	2	0.41	23392	8963				
	3	2.545	2084	315				
		TOTAL	26358	9543			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C56 02/01/16 09:17:35



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.407	17783	7040				
	2	2.559	2841	437				
		TOTAL	20624	7477			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)

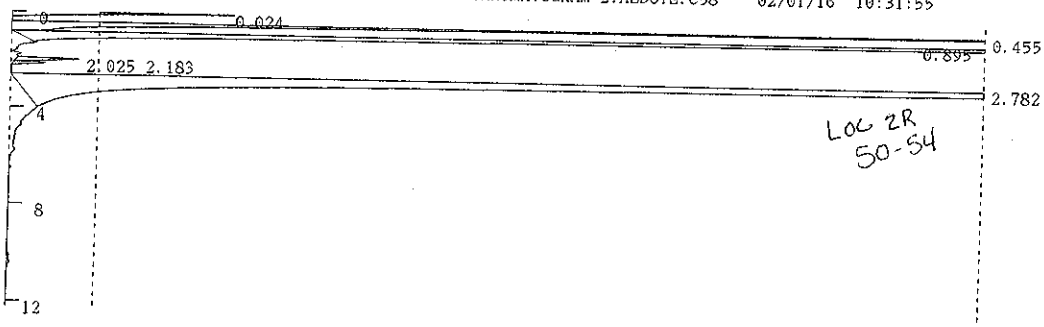
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C57 02/01/16 10:00:10

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	183	79				
	2	0.436	10520	4522				
	3	0.527	3596	374	V			
	4	0.872	650	96	V	3	3.2475	1,1-DCE
	5	1.298	230	43		5	1.149	1,1-DCA
	6	1.574	216	41		6	1.2295	C-DCE
	7	1.878	174	32		7	1.3603	TCA
	8	2.158	220	41		8		1,2-DCA
		TOTAL	15789	5228			6.9863	

DCE Std

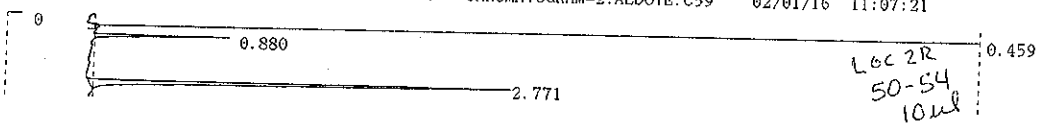
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C58 02/01/16 10:31:55



** CALCULATION REPORT **

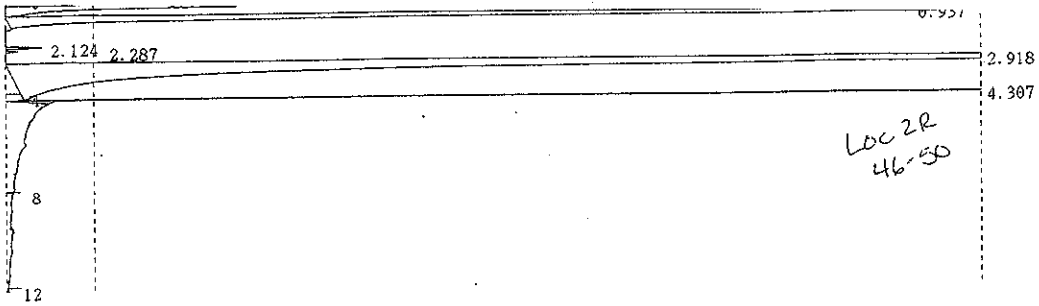
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	773	233				
	2	0.455	43266	18653				
	3	0.895	71889	13186	V	3	359.4454	1,1-DCE
	4	2.025	923	145		9	1.2536	~~BENZENE~~ tcla
	5	2.183	452	75	V	8		1,2-DCA
	6	2.782	234963	31708		10	4304.5288	TCE
		TOTAL	352267	64000			4665.2275	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTE.C59 02/01/16 11:07:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.459	1182	2602				
	2	0.88	1101	306		3	5.5045	1,1-DCE
	3	2.771	5568	956		10	101.9966	TCE
		TOTAL	7850	3864			107.5011	



** CALCULATION REPORT **

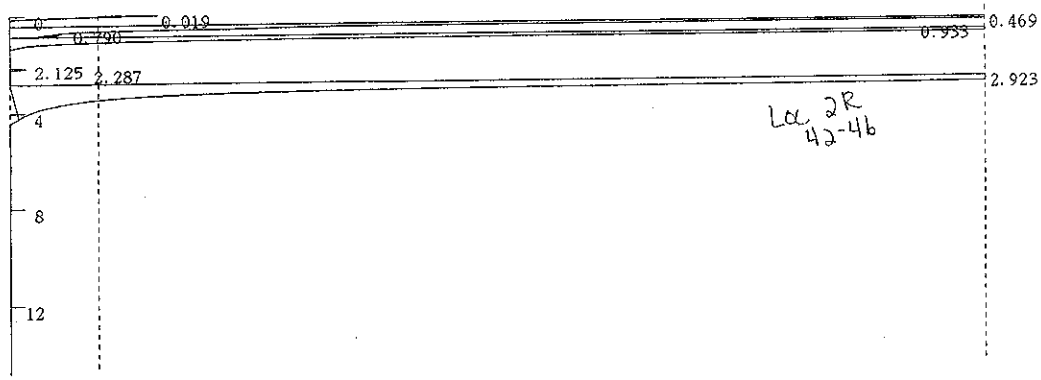
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	333	119				
	2	0.474	42262	16288				
	3	0.937	81624	14893	V	3	408.1199	1,1-DCE
	4	2.124	822	134		8		~~1,2-DCA~~ TCA
	5	2.287	519	85	V			
	6	2.918	315958	43575	S			
	8	4.307	59652	101088				
		TOTAL	501169	176182			408.1199	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTE.C61 02/01/16 12:58:05

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.37	135	50				
	2	0.453	120	26	V			
	3	0.539	140	47	V			
	4	0.933	1108	276		3	5.5375	1,1-DCE
	5	2.912	6206	1024				
		TOTAL	7709	1423			5.5375	

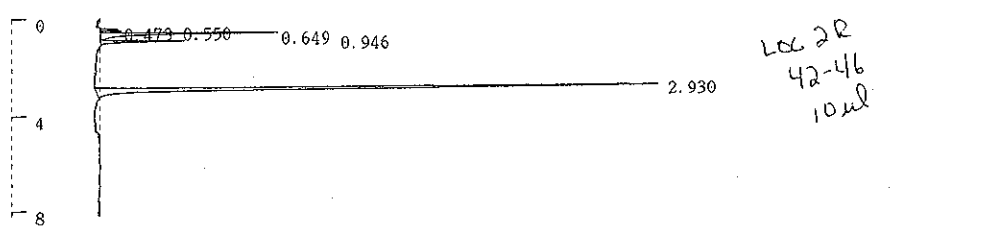
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTE.C62 02/01/16 13:02:59



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	282	106				
	2	0.469	51808	18445	S			
	3	0.79	114	32	T			
	4	0.933	47524	8552	V	3	237.62	1,1-DCE
	5	2.125	472	79		8		~~1,2-DCA~~ TCA
	6	2.287	240	42	V			
	7	2.923	275015	38530				
		TOTAL	375455	65786			237.62	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTE.C63 02/01/16 13:25:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.473	137	40				
	2	0.55	159	46	V			
	3	0.649	1828	399	V			
	4	0.946	713	188	V			
	5	2.93	7442	1266				
		TOTAL	10280	1939			0	

* PEAK PROC/CALC ERROR : CH=1 ...

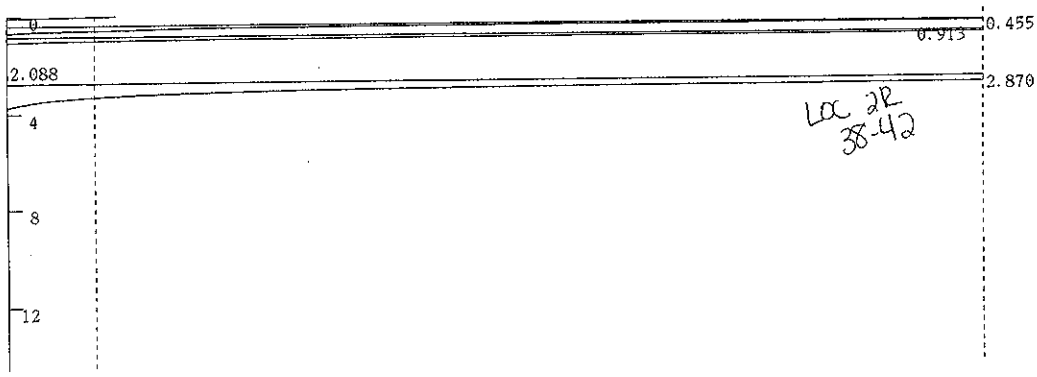
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTE.C64 02/01/16 13:34:26

0

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

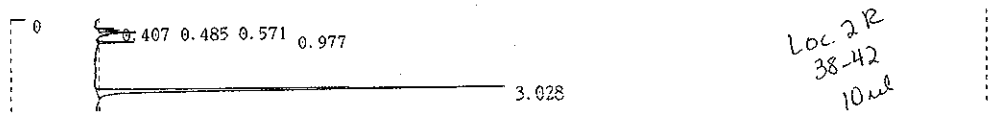
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTE.C65 02/01/16 13:47:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.455	45048	16789	S			
	3	0.913	22183	4065	V	3	110.9125	1,1-DCE
	4	2.088	247	46		9	0.3349	~~BENZENE~~
	5	2.87	272962	37908		10	5000.6562	TCE
		TOTAL	340439	58807			5111.9033	

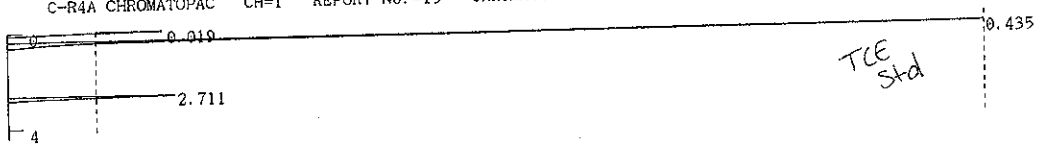
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTE.C66 02/01/16 14:18:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.407	108	40				
	2	0.485	152	48	V			
	3	0.571	266	80	V			
	4	0.977	247	82				
	5	3.028	5159	924				
		TOTAL	5933	1173			0	

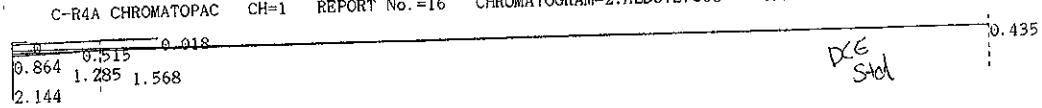
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTE.C67 02/01/16 14:32:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	298	114				
	2	0.435	10901	2916				
	3	2.711	3129	459		10	57.3178	TCE
		TOTAL	14328	3489			57.3178	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTE.C68 02/01/16 14:39:01



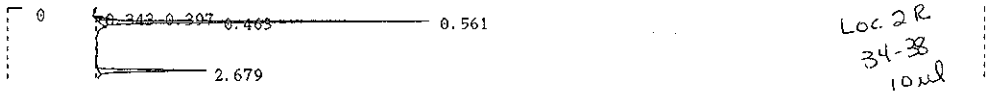
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	251	100				
	2	0.435	7845	2796				
	3	0.515	3258	363	V			
	4	0.864	593	91	V	3	2.9665	1,1-DCE
	5	1.285	257	48		5	1.2865	1,1-DCA
	6	1.568	256	48		6	1.4569	C-DCE
	7	2.144	266	48		8		1,2-DCA

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.046	166	48				
	2	0.37	26	14				
	3	0.418	76	25	V			
	4	0.537	346	84	V			
	5	0.622	30779	8055	SV			
	7	2.687	1674	308		10	30.664	TCE
		TOTAL	33066	8535			30.664	

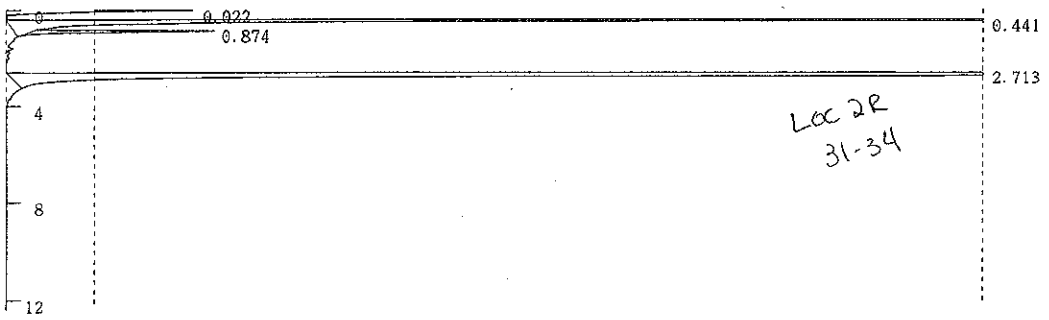
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTE.C73 02/01/16 15:21:03



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.343	56	20				
	2	0.397	121	31	V			
	3	0.463	185	46	V			
	4	0.561	3425	747	V			
	5	2.679	1351	241		10	24.7521	TCE
		TOTAL	5138	1085			24.7521	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTE.C74 02/01/16 15:25:34



** CALCULATION REPORT **

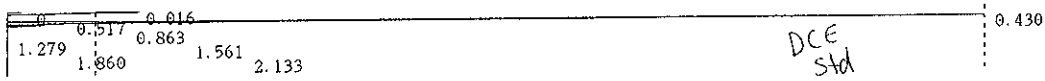
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	486	166				
	2	0.441	38729	13789	S			
	3	0.874	2211	415	T	3	11.0535	1,1-DCE
	4	2.713	59408	8410		10	1088.3581	TCE
		TOTAL	100834	22781			1099.4116	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTE.C68 02/01/16 14:39:01

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	251	100				
	2	0.435	7845	2796				
	3	0.515	3258	363	V			
	4	0.864	593	91	V	3	2.9665	1,1-DCE
	5	1.285	257	48		5	1.2865	1,1-DCA
	6	1.568	256	48		6	1.4569	C-DCE
	7	2.144	266	48		8		1,2-DCA
		TOTAL	12725	3494			5.7099	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTE.C69 02/01/16 14:45:47



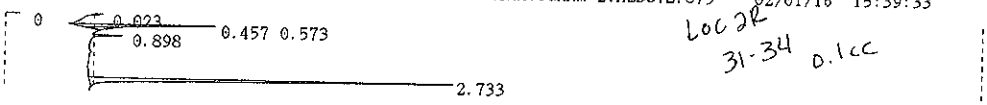
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	185	76				
	2	0.43	7809	3124				
	3	0.517	3172	347	V			
	4	0.863	617	99	V	3	3.083	1,1-DCE
	5	1.279	270	54		5	1.3515	1,1-DCA
	6	1.561	301	57		6	1.7151	C-DCE
	7	1.86	239	43		7	1.8634	TCA
	8	2.133	298	55		8		1,2-DCA
		TOTAL	12891	3853			8.013	

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	188	78				
	2	0.435	12083	3443				
		TOTAL	12271	3521			0	

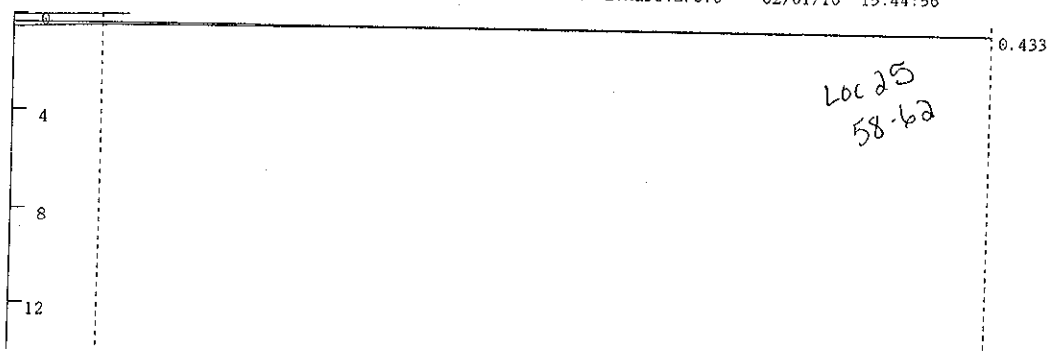
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTE.C75 02/01/16 15:39:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	42	18				
	2	0.457	1274	321				
	3	0.573	296	71	V			
	4	0.898	205	67		3	1.0225	1,1-DCE
	5	2.733	4459	821		10	81.6815	TCE
		TOTAL	6276	1298			82.704	

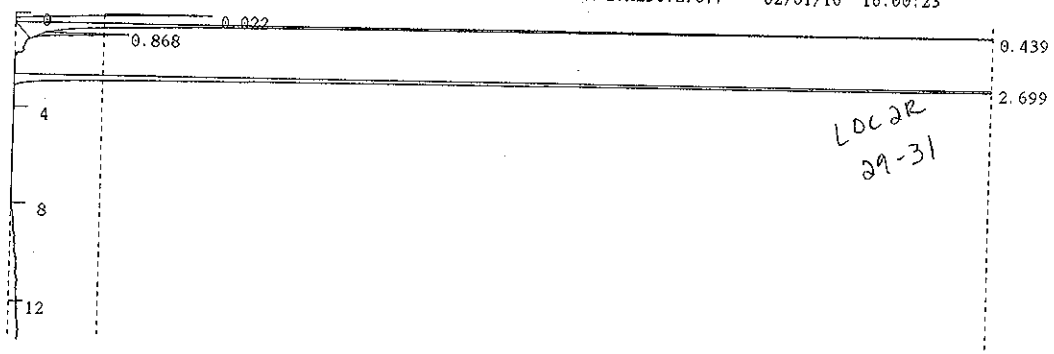
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTE.C76 02/01/16 15:44:56



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.433	26459	10073				
		TOTAL	26459	10073			0	

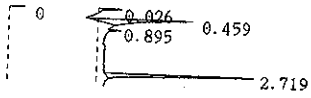
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTE.C77 02/01/16 16:00:23



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	554	179				
	2	0.439	32157	12311	S			
	3	0.868	1049	198	T	3	5.2455	1,1-DCE
	4	2.699	22517	3221		10	412.5169	TCE
		TOTAL	56278	15909			417.7624	

CHROMATOGRAM=2:ALDOTE.C78 02/01/16 16:15:08

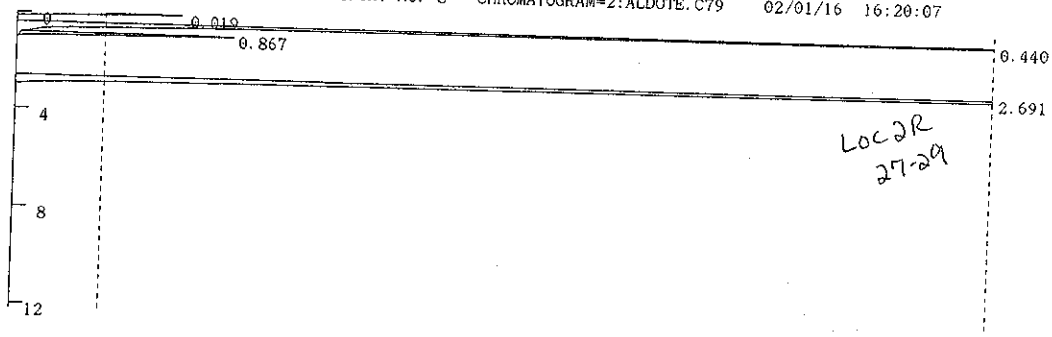


LOC 2R
29-31
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.026	125	40				
	2	0.459	1316	228				
	3	0.895	83	28		3	0.4125	1,1-DCE
	4	2.719	1741	333		10	31.8988	TCE
		TOTAL	3264	629			32.3113	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTE.C79 02/01/16 16:20:07

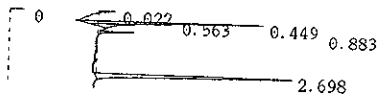


LOC 2R
27-29

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	343	129				
	2	0.44	37897	13104	S			
	4	0.867	2575	493	T	3	12.876	1,1-DCE
	5	2.691	29584	4244		10	541.9769	TCE
		TOTAL	70399	17970			554.8529	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTE.C80 02/01/16 16:33:44

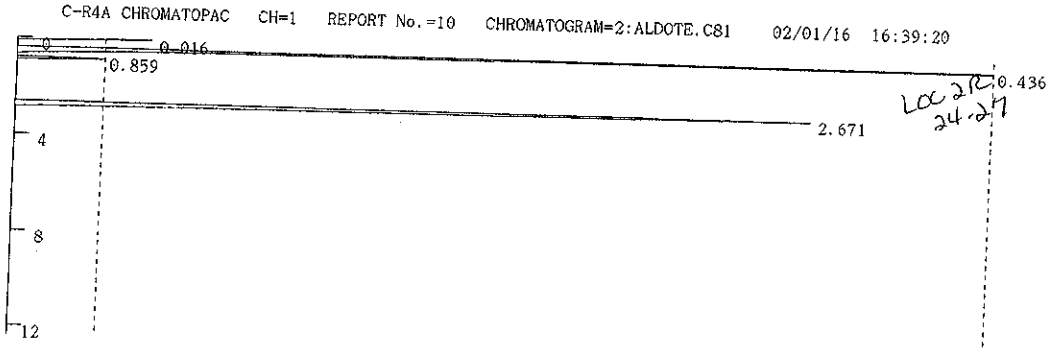


LOC 2R
27-29
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	78	28				
	2	0.449	1596	416				
	3	0.563	508	98	V			
	4	0.883	245	78		3	1.2235	1,1-DCE
	5	2.698	2326	446		10	42.616	TCE
		TOTAL	4753	1065			43.8395	

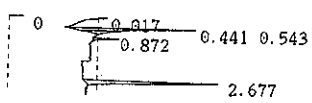
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTE.C81 02/01/16 16:39:20



LOC 2R
24-27

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	169	79				
	2	0.436	30548	11263	S			
	3	0.859	1311	245	T	3	6.5525	1,1-DCE
	4	2.671	13090	1886		10	239.7996	TCE
		TOTAL	45117	13472			246.3521	

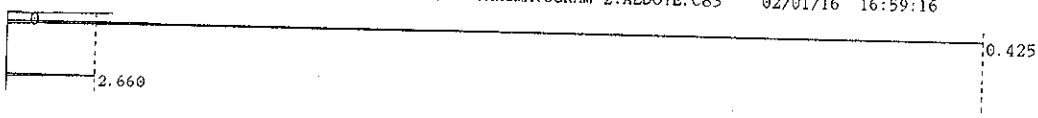


Loc 2R
24-27
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	33	16				
	2	0.441	1255	287				
	3	0.543	395	95	V			
	4	0.872	183	60		3	0.9145	1,1-DCE
	5	2.677	1540	300		10	28.211	TCE
		TOTAL	3405	758			29.1255	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTE.C83 02/01/16 16:59:16



** CALCULATION REPORT **

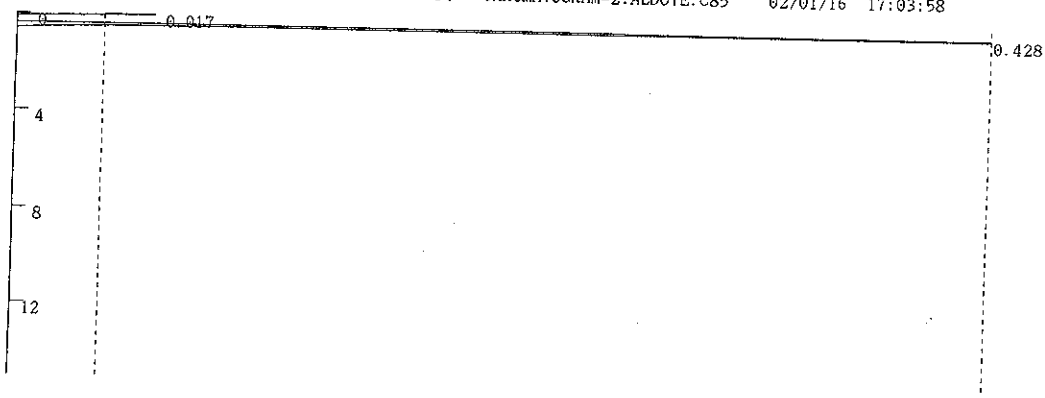
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.425	12311	4362				
	2	2.66	2589	416		10	47.425	TCE
		TOTAL	14900	4778			47.425	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTE.C84 02/01/16 17:03:13

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

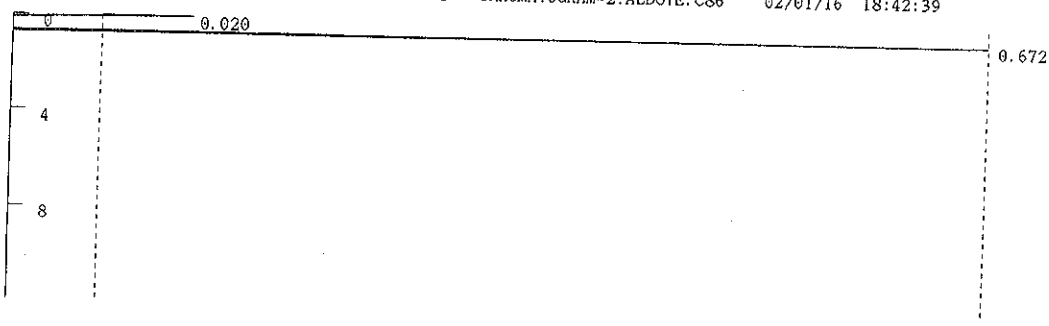
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTE.C85 02/01/16 17:03:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	222	92				
	2	0.428	33432	14615				
		TOTAL	33654	14707			0	

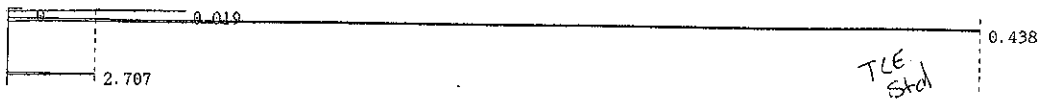
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTE.C86 02/01/16 18:42:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	886	203				
	2	0.672	12435	3125				
		TOTAL	13321	3328			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTF.C01 02/01/17 09:28:54



** CALCULATION REPORT **

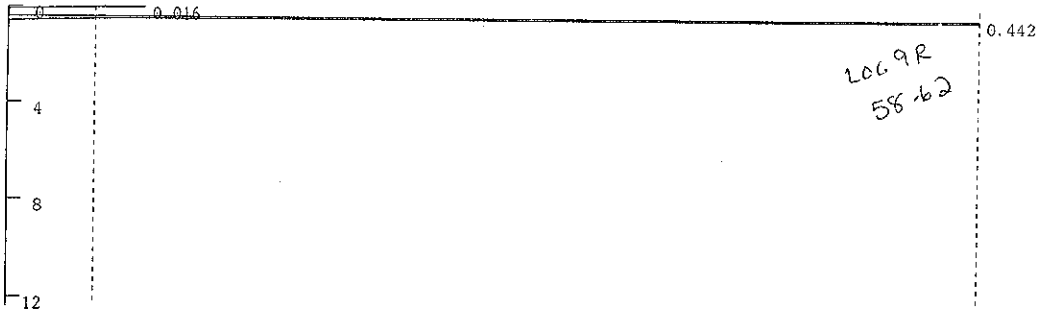
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	429	157				
	2	0.438	17373	6432				
	3	2.707	2748	390		10	50.3379	TCE
	TOTAL		20550	6978			50.3379	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTF.C02 02/01/17 09:35:27

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	392	144				
	2	0.433	14101	5340				
	3	0.513	3431	368	V			
	4	0.863	598	84	V	3	2.9915	1,1-DCE
	5	1.284	201	38		5	1.0045	1,1-DCA
	6	1.564	228	40		6	1.2979	C-DCE
	TOTAL		18951	6014			5.2939	

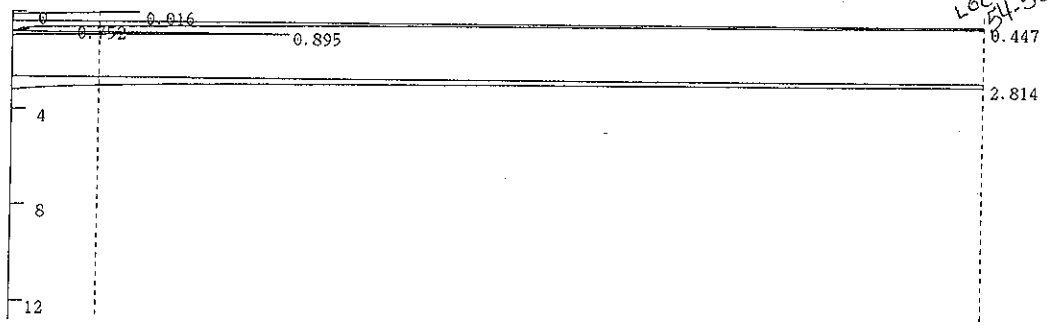
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTF.C03 02/01/17 10:04:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	216	87				
	2	0.442	45475	21669				
	TOTAL		45691	21755			0	

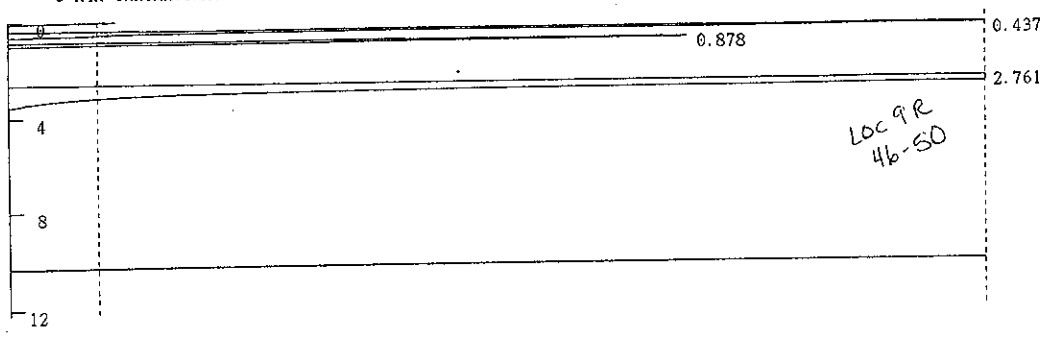
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTF.C04 02/01/17 11:10:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	166	71				
	2	0.447	55635	19134	S			
	3	0.752	138	36	T			
	4	0.895	3471	666	T	3	17.354	1,1-DCE
	5	2.814	109953	15529		10	2014.3352	TCE
	TOTAL		169363	35436			2031.689	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTF.C10 02/01/17 13:58:36

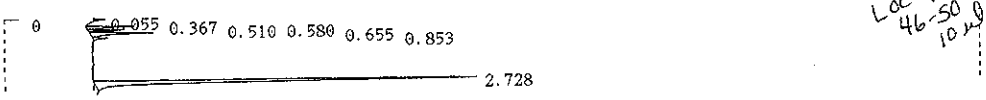


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.437	42913	20383				
	2	0.878	8450	1633		3	42.2515	1,1-DCE
	3	2.761	265067	36845		10	4856.0322	TCE
	TOTAL		316431	58860			4898.2836	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTF.C11 02/01/17 14:13:49

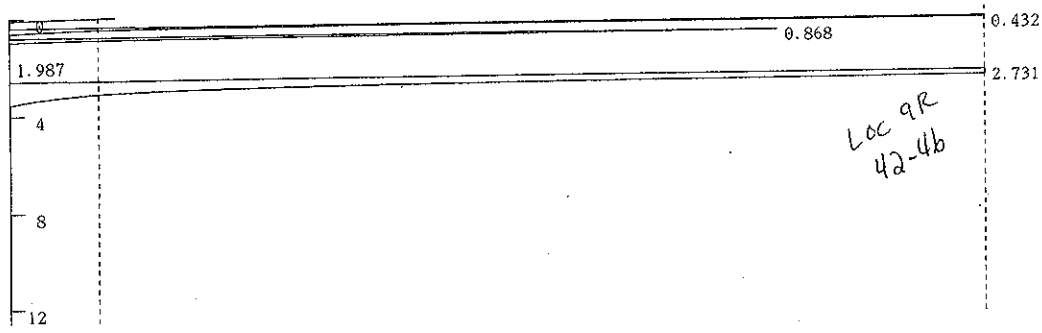
Loc 9R 46-50 10uL



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.055	59	21				
	2	0.367	396	109				
	3	0.51	245	82	V			
	4	0.58	191	54	V			
	5	0.655	649	142	V			
	6	0.853	142	33	V	3	0.7075	1,1-DCE
	7	2.728	5086	865		10	93.1682	TCE
	TOTAL		6766	1308			93.8757	

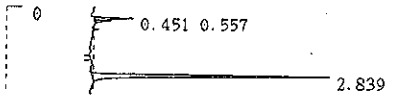
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTF.C12 02/01/17 14:59:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	42882	20902	S			
	2	0.868	8748	1827	T	3	43.742	1,1-DCE
	3	1.987	190	38		9	0.2584	~~BENZENE~~ TCA
	4	2.731	261221	38449		10	4785.561	TCE
	TOTAL		313041	61216			4829.561	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTF.C05 02/01/17 11:28:03

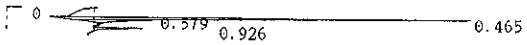


Loc 9R
54-58
10 µl

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.451	310	84				
	2	0.557	131	34	V			
	3	2.839	2995	537		10	54.8702	TCE
		TOTAL	3435	655			54.8702	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTF.C06 02/01/17 11:33:22

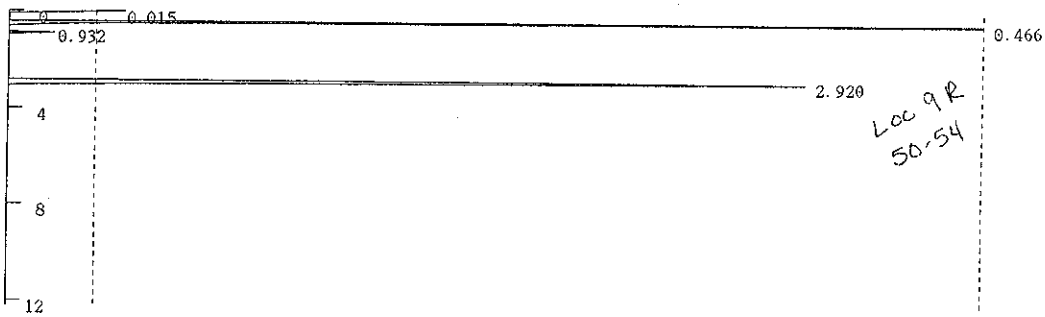


Loc 9R
54-58
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.465	3666	931				
	2	0.579	664	162	V			
	3	0.926	347	109		3	1.735	1,1-DCE
		TOTAL	4677	1203			1.735	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTF.C07 02/01/17 12:56:33

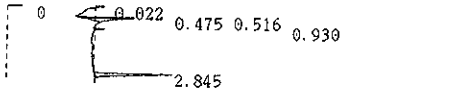


Loc 9R
50-54

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	111	51				
	2	0.466	32104	14281	S			
	3	0.932	1104	200	T	3	5.518	1,1-DCE
	4	2.92	14115	1925				
		TOTAL	47433	16457			5.518	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTF.C08 02/01/17 13:10:36



Loc 9R
50-54
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	47	19				
	2	0.475	294	117				
	3	0.516	480	107	V			
	4	0.93	85	27		3	0.4235	1,1-DCE
	5	2.845	907	171		10	16.6144	TCE
		TOTAL	1813	442			17.0379	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTF.C09 02/01/17 13:16:16

TCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.435	8803	2528				
	2	2.76	3243	469		10	59.4063	TCE
		TOTAL	12045	2997			59.4063	

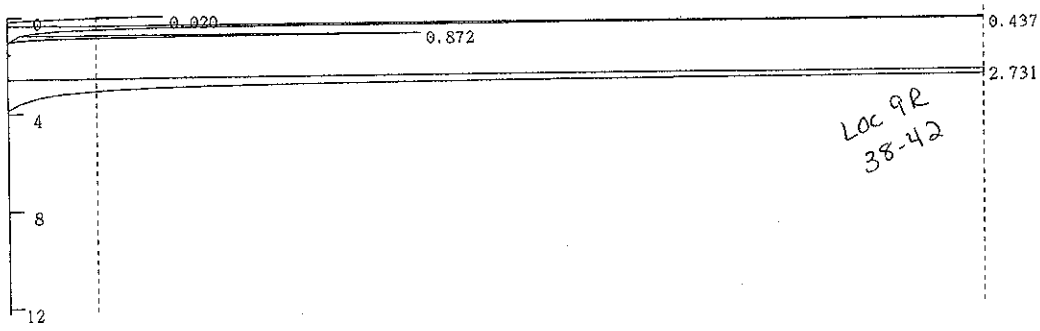
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTF.C13 02/01/17 15:13:32

LOC 9R
42-46
10 ul

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.56	63	19				
	2	0.634	3758	1056	V			
	3	0.867	164	36	V	3	0.822	1,1-DCE
	4	2.717	5573	969		10	102.1047	TCE
		TOTAL	9559	2080			102.9267	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTF.C14 02/01/17 15:55:25



LOC 9R
38-42

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	310	119				
	2	0.437	41982	19694	S			
	3	0.872	4448	916	T	3	22.238	1,1-DCE
	4	2.731	177778	25876		10	3256.8945	TCE
		TOTAL	224517	46605			3279.1323	

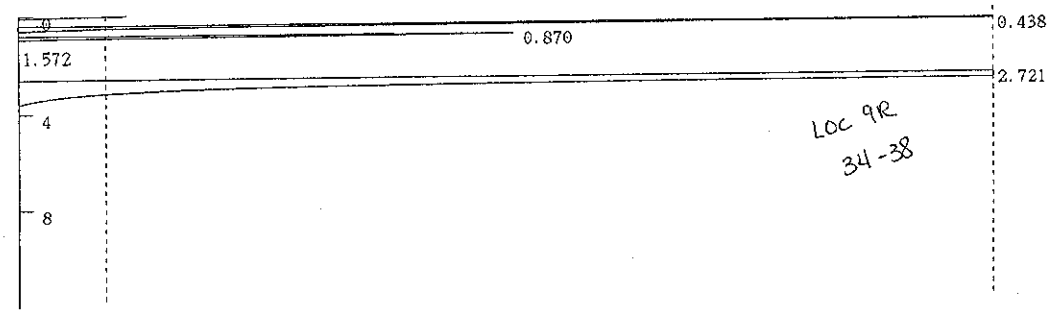
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTF.C15 02/01/17 16:09:02

LOC 9R
38-42
10 ul

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.727	3470	616		10	63.5759	TCE
		TOTAL	3470	616			63.5759	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTF.C16 02/01/17 16:32:07

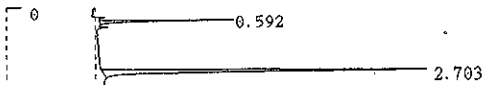


LOC 9R
34-38

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.438	29464	11132				
	2	0.87	7749	1313	V	3	38.7445	1,1-DCE
	3	1.572	155	32		6	0.8852	C-DCE
	4	2.721	290606	39448		10	5323.894	TCE
		TOTAL	327974	51924			5363.5234	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTF.C17 02/01/17 16:46:27

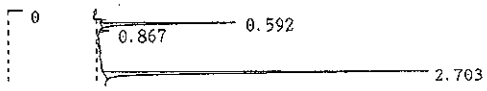


Loc 9R
34-38
10 ul

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.592	1110	308				
	2	2.703	3957	732		10	72.4959	TCE
	TOTAL		5067	1040			72.4959	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTF.C17 02/01/17 16:46:27

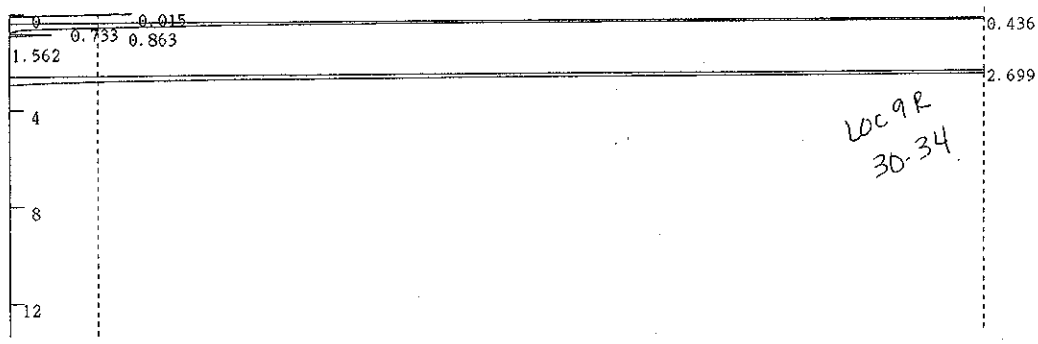


Loc 9R
34-38

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.592	1110	308				
	2	0.867	64	22		3	0.318	1,1-DCE
	3	2.703	3957	732		10	72.4959	TCE
	TOTAL		5131	1062			72.8139	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTF.C18 02/01/17 16:57:00

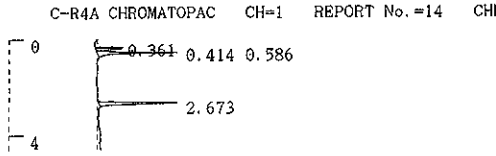


Loc 9R
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	138	63				
	2	0.436	45818	17639	S			
	3	0.733	77	23	T			
	4	0.863	696	150	T	3	3.478	1,1-DCE
	5	1.562	155	34		6	0.8846	C-DCE
	6	2.699	51872	7667		10	950.2875	TCE
	TOTAL		98756	25575			954.6502	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTF.C19 02/01/17 17:11:53



Loc 9R
30-34
10 ul

** CALCULATION REPORT **

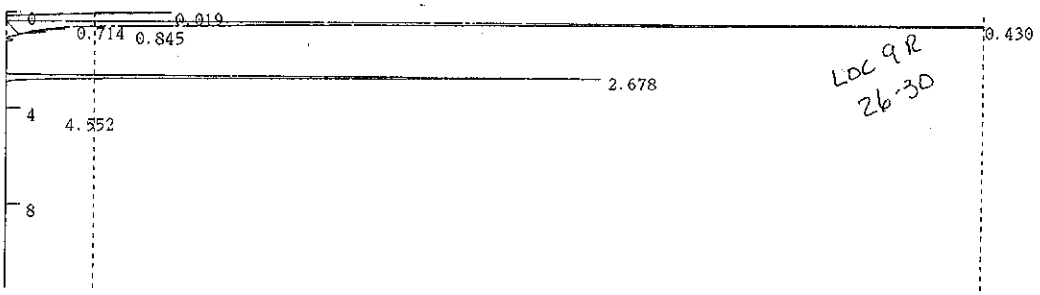
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.361	170	68				
	2	[illegible]	[illegible]	[illegible]	V	[illegible]	[illegible]	TCE
	TOTAL		[illegible]	[illegible]			[illegible]	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTF.C19 02/01/17 17:11:53

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.361	170	68				
	2	0.414	255	64	V			
	3	0.586	816	185	V			
	4	2.673	942	182		10	17.2629	TCE
	TOTAL		2183	500			17.2629	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTF.C20 02/01/17 17:23:05

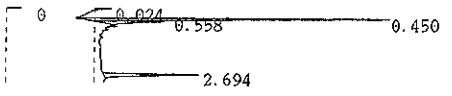


Loc 9R
26-30

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	357	129				
	2	0.43	42089	16436	S			
	3	0.714	141	37	T			
	4	0.845	173	43	T	3	0.8625	1,1-DCE
	5	2.678	8848	1360		10	162.0953	TCE
	6	4.552	222	31		11	0.3405	TOLUENE
		TOTAL	51830	18035			163.2983	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTF.C21 02/01/17 17:36:05



Loc 9R
26-30
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	75	29				
	2	0.45	2649	693				
	3	0.558	598	150	V			
	4	2.694	1129	213		10	20.6778	TCE
		TOTAL	4450	1085			20.6778	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTF.C22 02/01/17 17:41:22

TCE
Std

002

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	137	61				
	2	0.429	8968	2920				
	3	2.666	2897	436		10	53.0657	TCE
		TOTAL	12002	3417			53.0657	

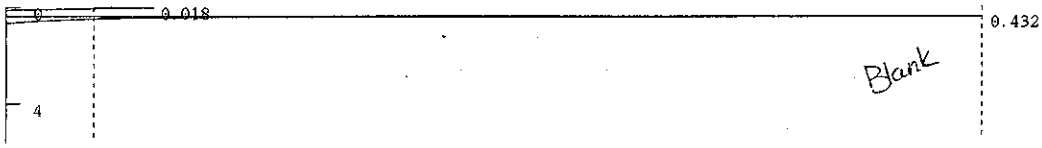
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTF.C23 02/01/17 17:45:39

DCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.422	7438	3234				
	2	0.52	2781	337	V			
	3	0.848	646	99	V	3	3.231	1,1-DCE
	4	1.257	262	54		5	1.308	1,1-DCA
	5	1.532	251	52		6	1.4324	C-DCE
	6	1.829	179	35		7	1.3923	TCA
	7	2.095	236	47		8		1,2-DCA
		TOTAL	11792	3856			7.3637	

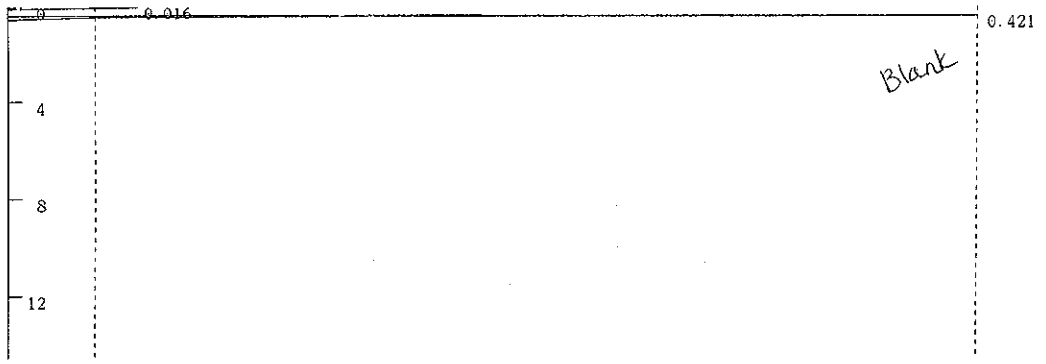
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTF.C24 02/01/17 17:48:50



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	258	102				
	2	0.432	27695	13844				
		TOTAL	27953	13947			0	

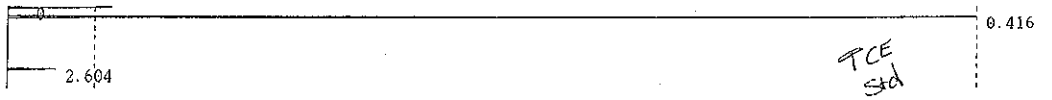
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTF.C25 02/01/18 09:13:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	190	82				
	2	0.421	36607	20423				
		TOTAL	36797	20504			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTF.C26 02/01/18 09:33:13



** CALCULATION REPORT **

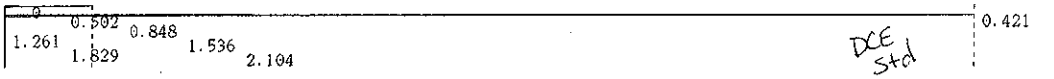
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.416	10354	3225				
	2	2.604	2650	395				
		TOTAL	13004	3620			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTF.C27 02/01/18 09:38:05

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.412	3515	733				
	3	2.614	1335	241				
		TOTAL	4850	974			0	

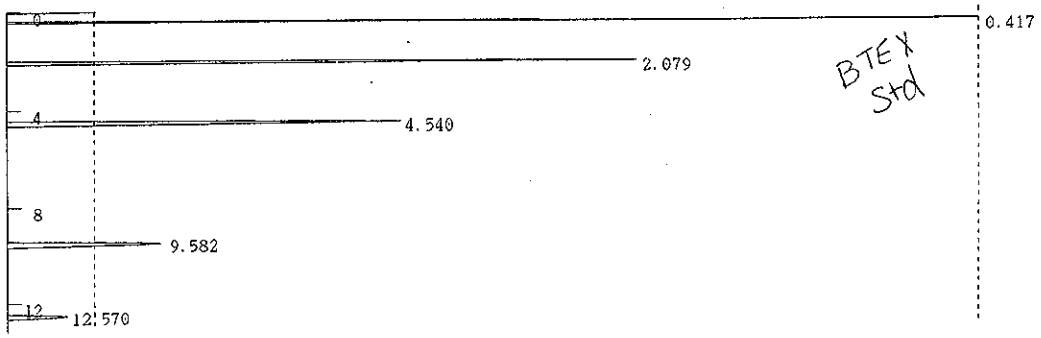
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTF.C28 02/01/18 09:43:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.421	8994	3875				
	2	0.502	2948	350	V			
	3	0.848	586	92	V	3	2.931	1,1-DCE
	4	1.261	253	53		5	1.2665	1,1-DCA
	5	1.536	283	57		6	1.6108	C-DCE
	6	1.829	177	35		7	1.3814	TCA
	7	2.104	331	61		8		1,2-DCA
		TOTAL	13572	4523			7.1897	

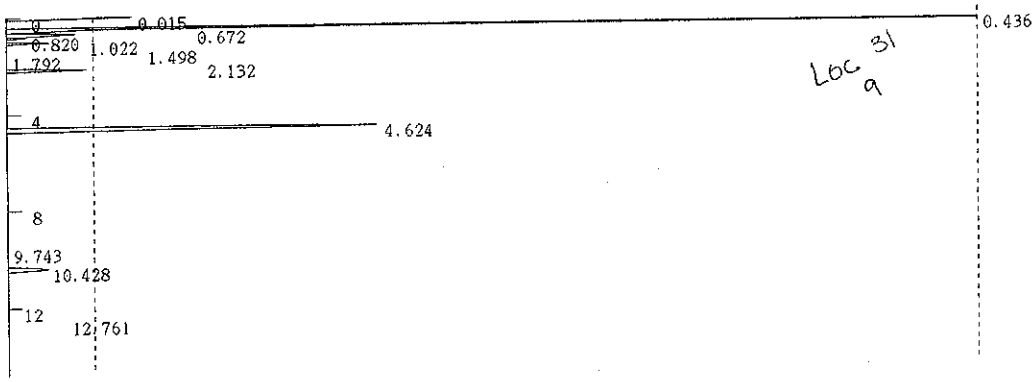
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTF.C29 02/01/18 09:49:19



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.417	11289	3724				
	2	2.079	10395	1703		9	14.1165	BENZENE
	3	4.54	10056	1173		11	15.3963	TOLUENE
	4	9.582	9245	631		14	18.7848	EBZ
	5	12.57	7499	424		16	18.283	O-XYL
		TOTAL	48484	7655			66.5808	

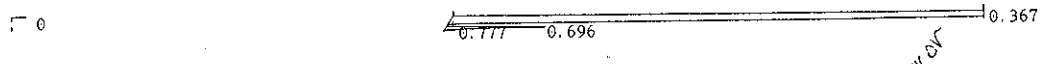
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTF.C30 02/01/18 10:43:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	158	68				
	2	0.436	35004	18349				
	3	0.672	2881	357	V			
	4	0.82	1220	203	V			
	5	1.022	1276	204	V			
	6	1.498	240	45		6	1.3674	C-DCE
	7	1.792	291	63		7	2.2675	TCA
	8	2.132	2041	284		8		1,2-DCA Benzene
	9	4.624	8384	975		11	12.8365	TOLUENE
	10	9.743	919	67		14	1.8682	EBZ
	11	10.428	3833	250				
	12	12.761	1497	87		16	3.6507	O-XYL
		TOTAL	57744	20952			21.9903	

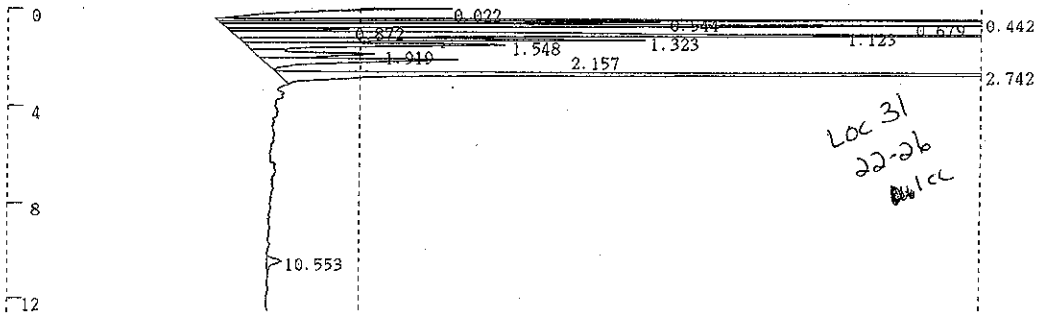
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTF.C31 02/01/18 11:16:59



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.367	62019	6366				
	2	0.696	885	226				
	3	0.777	53	25	V			
		TOTAL	62958	6617			0	

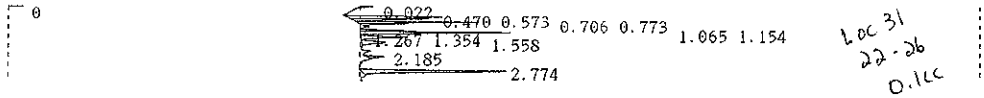
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTF.C32 02/01/18 11:23:09



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	452	155				
	2	0.442	28588	15226				
	3	0.544	5059	997	V			
	4	0.679	12346	1796	V			
	5	0.872	1653	274	V	3	8.2645	1,1-DCE
	6	1.123	18503	2320	V			
	7	1.323	6085	914	V	5	30.4245	1,1-DCA
	8	1.548	5531	588	V	6	31.5261	C-DCE
	9	1.919	2994	267	V	7	23.3493	TCA
	10	2.157	4805	442	V	8		1,2-DCA
	11	2.742	21977	3143	V	10	402.6204	TCE
	12	10.553	509	32				
		TOTAL	108502	26154			496.1848	

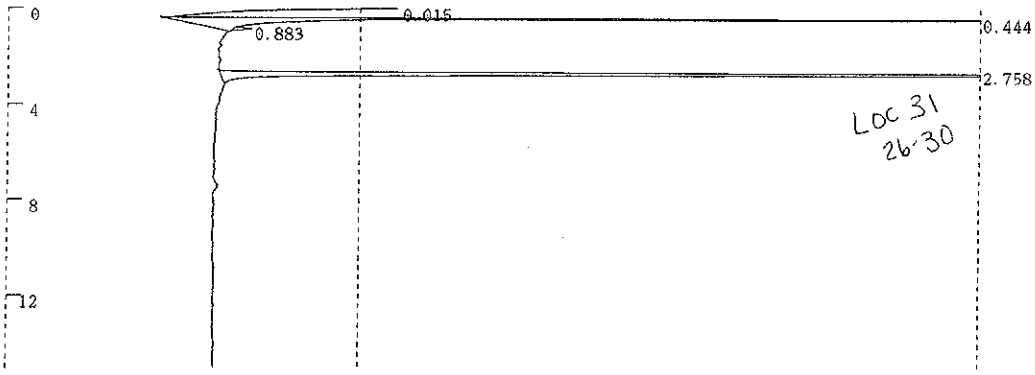
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTF.C33 02/01/18 11:43:15



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	58	23				
	2	0.47	1123	216				
	3	0.573	692	176	V			
	4	0.706	854	277	V			
	5	0.773	325	109	V			
	6	1.065	329	98				
	7	1.154	1404	340	V			
	8	1.267	64	24	V	5	0.32	1,1-DCA
	9	1.354	437	104	V			
	10	1.558	379	54	V	6	2.1586	C-DCE
	11	2.185	156	38		8		1,2-DCA
	12	2.774	1725	329		10	31.6093	TCE
		TOTAL	7546	1788			34.0879	

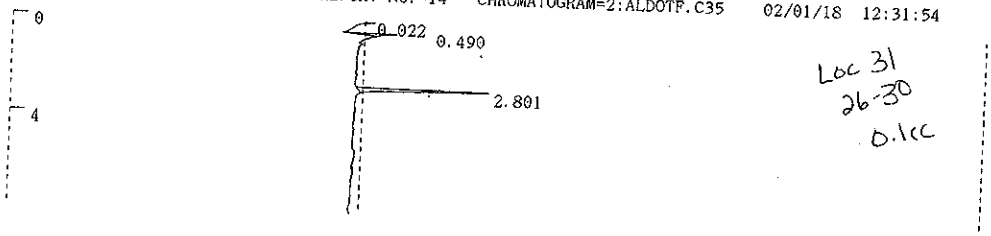
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTF.C34 02/01/18 11:48:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	147	65				
	2	0.444	30096	14809	S			
	3	0.883	193	41	T	3	0.964	1,1-DCE
	4	2.758	18010	2645		10	329.9432	TCE
		TOTAL	48445	17560			330.9071	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTF.C35 02/01/18 12:31:54



Loc 31
26-30
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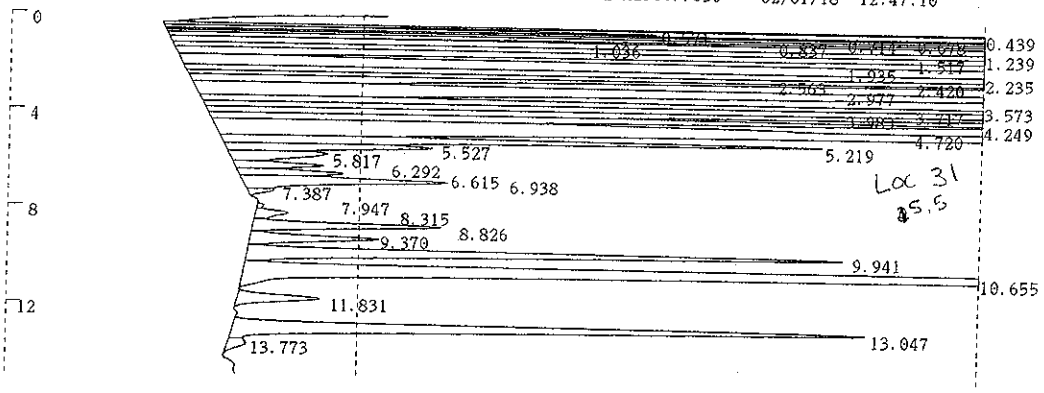
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	49	20				
	2	0.49	407	92				
	3	2.801	1606	297		10	29.4146	TCE
		TOTAL	2062	409			29.4146	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTF.C36 02/01/18 12:47:10



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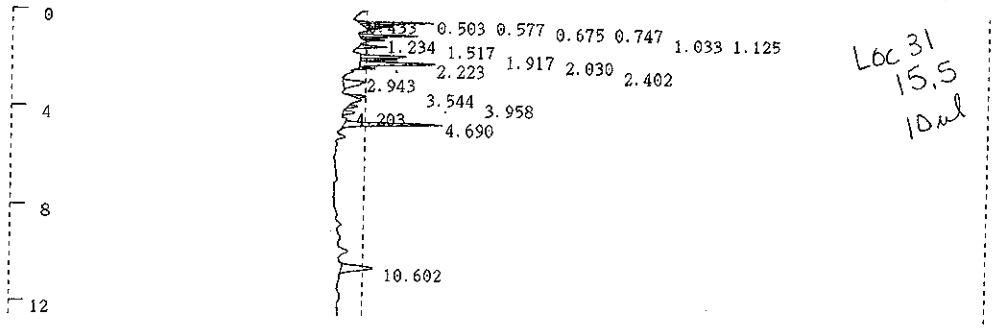
3.89g

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	22703	12231				
	2	0.571	5785	1110	V			
	3	0.678	10863	2998	V			
	4	0.714	14923	2928	V			
	5	0.837	15509	2431	V	3	77.545	1,1-DCE
	6	1.036	60017	7608	V			
	7	1.239	37413	3960	V	5	187.063	1,1-DCA
	8	1.517	41709	4615	V	6	237.7384	C-DCE
	9	1.935	94761	7159	V			
	10	2.235	99227	11074	V			
	11	2.42	27037	3678	V			
	12	2.563	20475	2141	V			
	13	2.977	55842	2920	V			
	14	3.573	33252	3190	V	12	~~#15-6449~~	PCE
	15	3.717	32513	2887	V			
	16	3.983	24553	2267	V			
	17	4.249	23160	1973	V			
	18	4.72	156767	15169	V	11	240.0099	TOLUENE
	19	5.219	16666	1355	V			
	20	5.527	6712	468	V			
	21	5.817	4078	222	V			
	22	6.292	2785	200	V			
	23	6.615	3341	236	V			
	24	6.938	8393	463	V			
	25	7.387	622	56	V			
	26	7.947	169	13				
	27	8.315	1283	74	V			
	28	8.826	6410	425	V			
	29	9.37	4939	291	V			
	30	9.941	20062	1345	V	14	40.7656	EBZ
	31	10.655	79127	5003	V			m,p-Xyl
	32	11.831	3538	187				
	33	13.047	26177	1432		16	63.8188	O-XYL
	34	13.773	1015	43	V			
		TOTAL	961822	102148			1262.5854	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTF.C37 02/01/18 13:14:46



Loc 31
15.5
10ml

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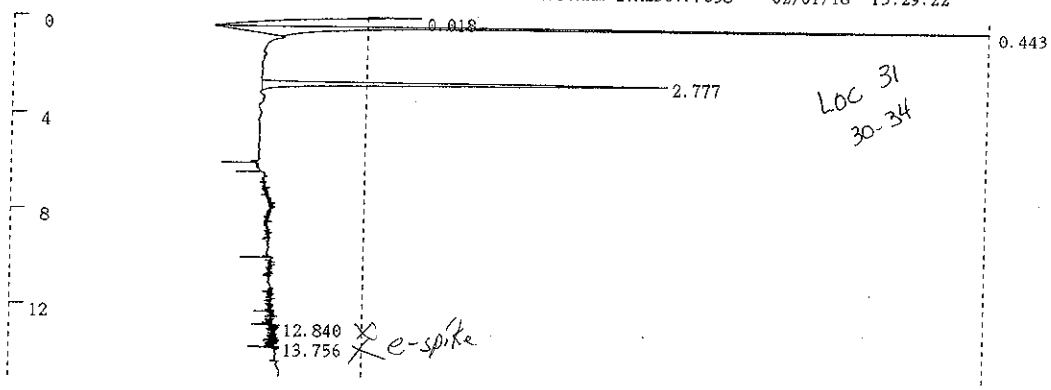
3.89 g

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.433	56	19				
	2	0.503	675	170	V			
	3	0.577	311	95	V			
	4	0.675	232	65	V			
	5	0.747	100	34	V			
	6	1.033	485	132				
	7	1.125	204	62	V			
	8	1.234	149	49		5	0.7435	1,1-DCA
	9	1.517	394	68		6	2.2441	C-DCE
	10	1.917	622	105		7	4.8493	TCA
	11	2.03	395	85	V	9	0.536	BENZENE
	12	2.223	1197	171	V	8		1,2-DCA Benzene
	13	2.402	171	43				
	14	2.943	668	51				
	15	3.544	210	32		12	~~3.6263~~	PCE ND
	16	3.958	134	22				
	17	4.203	202	26				
	18	4.69	1653	223		11	2.5314	TOLUENE
	19	10.602	961	73				
		TOTAL	8818	1526			13.5305	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTF.C38 02/01/18 13:29:22

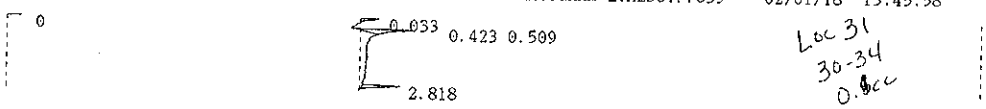


Loc 31
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	237	92				
	2	0.443	27674	12564				
	3	2.777	6139	916		10	112.4683	TCE
	4	12.84	34	26		16	0.0822	~~O-XYL~~ e-spike
	5	13.756	62	40				
		TOTAL	34146	13638			112.5504	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTF.C39 02/01/18 13:45:58

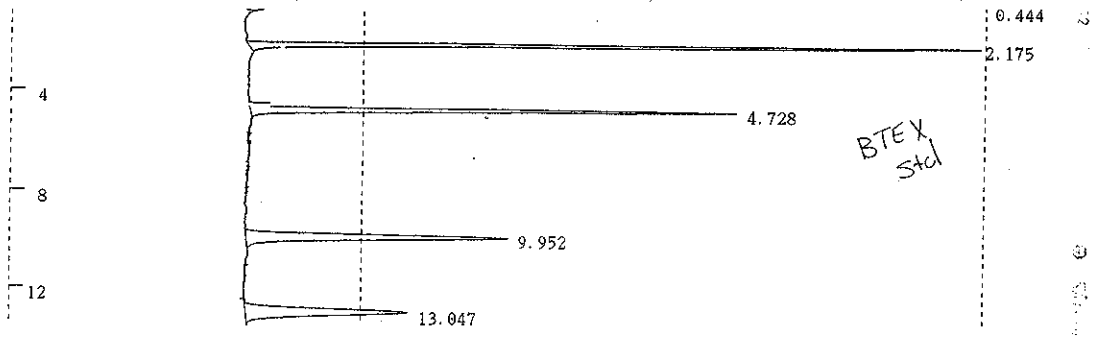


Loc 31
30-34
0.8cc

011

** CALCULATION REPORT **

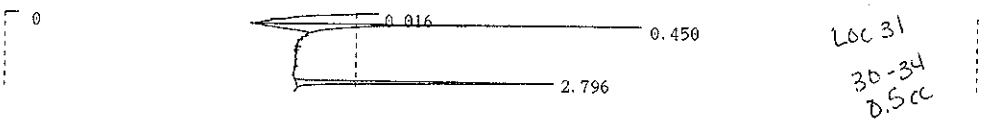
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.033	124	35				
	2	0.423	25	14				
	3	0.509	768	122	V			
	4	2.818	464	88		10	8.5005	TCE
		TOTAL	1381	259			8.5005	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	276	108				
	2	0.444	8671	2857				
	3	2.175	10373	1653		8		1,2-DCA
	4	4.728	9650	1097		11	14.7748	TOLUENE
	5	9.952	8761	593		14	17.8015	EBZ
	6	13.047	6820	369		16	16.6274	O-XYL
		TOTAL	44552	6678			49.2037	

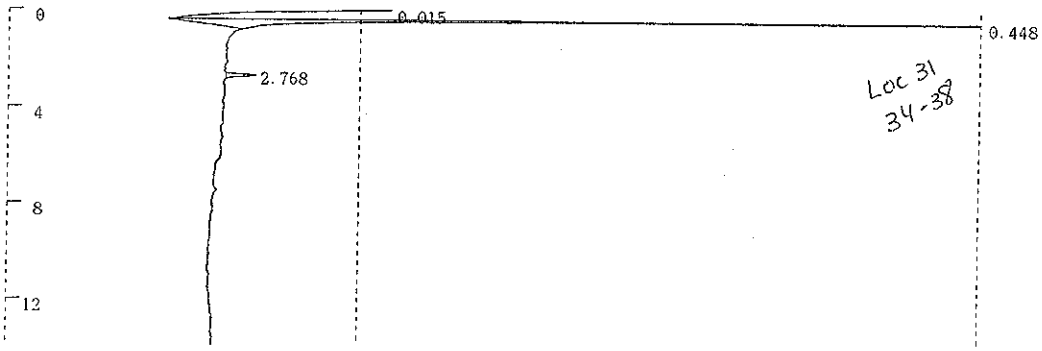
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTF.C41 02/01/18 14:08:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	89	38				
	2	0.45	3970	872				
	3	2.796	3563	584		10	65.2778	TCE
		TOTAL	7622	1493			65.2778	

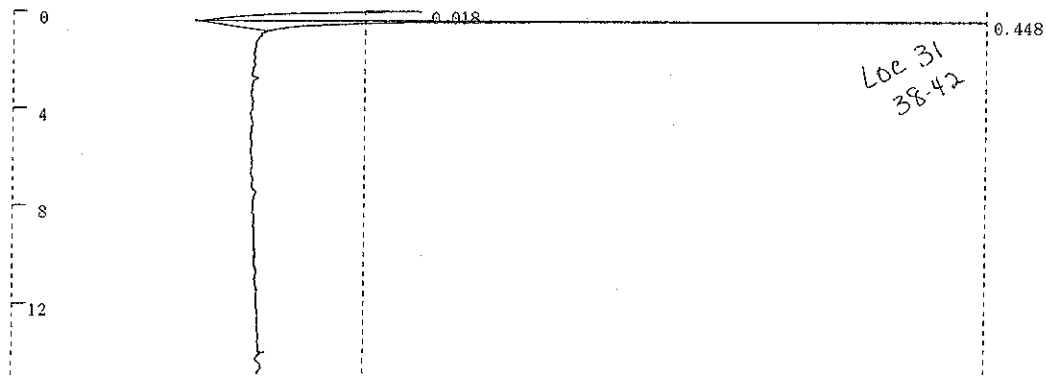
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTF.C42 02/01/18 14:14:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	132	58				
	2	0.448	22820	10276				
	3	2.768	463	69		10	8.473	TCE
		TOTAL	23414	10402			8.473	

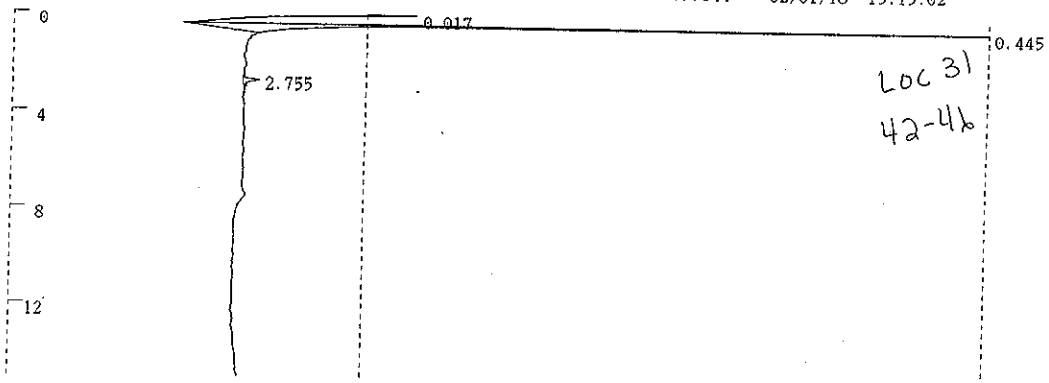
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTF.C43 02/01/18 14:29:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	247	97				
	2	0.448	17531	6837				
		TOTAL	17778	6934			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTF.C44 02/01/18 15:15:02

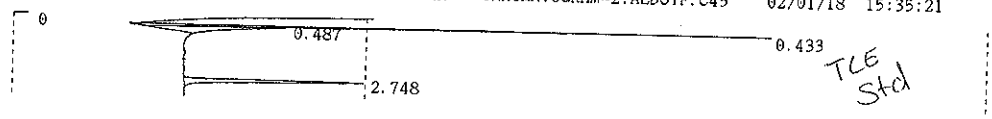


Loc 31
42-46

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	208	84				
	2	0.445	21249	10220				
	3	2.755	296	36		10	5.4154	TCE
	TOTAL		21752	10340			5.4154	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTF.C45 02/01/18 15:35:21

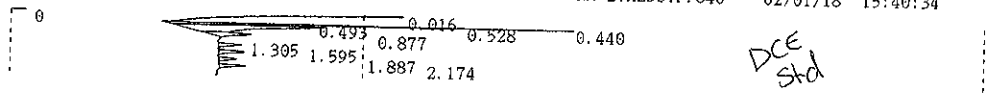


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.433	3342	1432				
	2	0.487	2445	312	V			
	3	2.748	2786	406		10	51.0304	TCE
	TOTAL		8572	2151			51.0304	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTF.C46 02/01/18 15:40:34

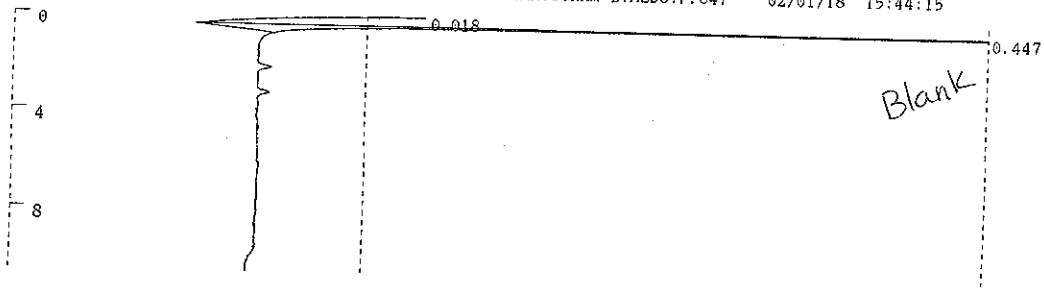


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	166	70				
	2	0.44	2507	919				
	3	0.493	648	328	V			
	4	0.528	2972	337	V			
	5	0.877	655	93	V	3	3.277	1,1-DCE
	6	1.305	273	50		5	1.3655	1,1-DCA
	7	1.595	354	58		6	2.0178	C-DCE
	8	1.887	222	38		7	1.73	TCA
	9	2.174	344	58		8		1,2-DCA
	TOTAL		8142	1953			8.3903	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTF.C47 02/01/18 15:44:15



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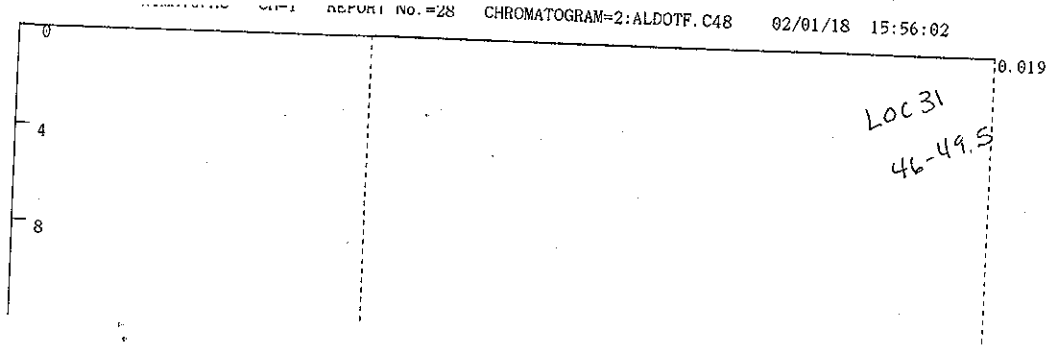
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	259	99				
	2	0.447	17165	7623				
	TOTAL		17424	7722			0	

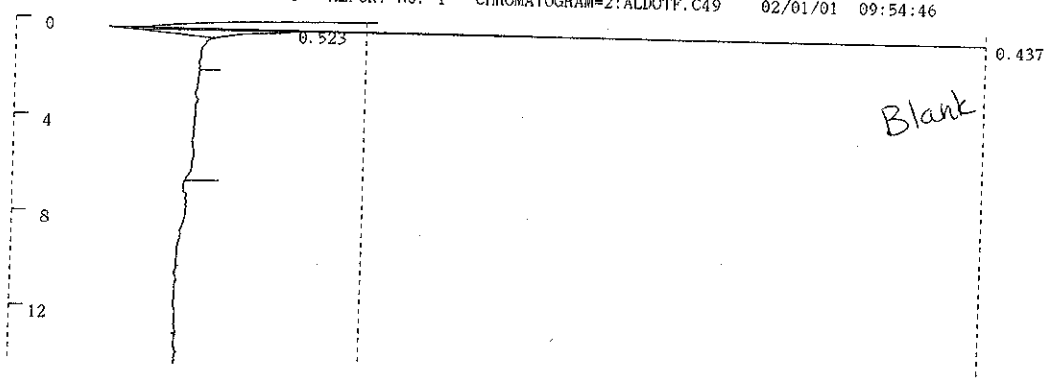
C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTF.C48 02/01/18 15:56:02



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	7595	6341				
	TOTAL		7595	6341			0	

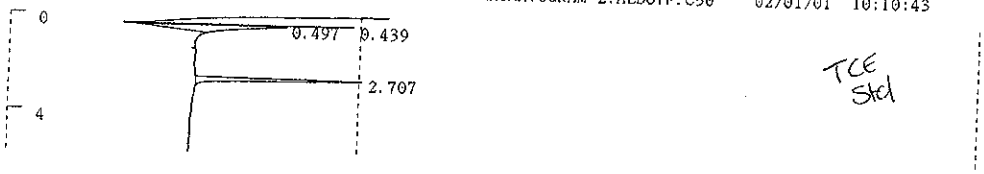
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTF.C49 02/01/01 09:54:46



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.437	4901	2200				
	2	0.523	3234	332	V			
	TOTAL		8135	2532			0	

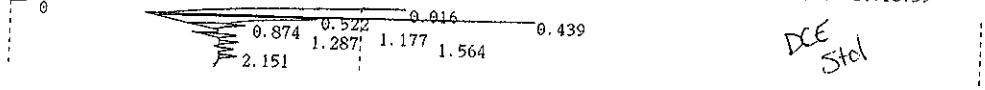
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTF.C50 02/01/01 10:10:43



** CALCULATION REPORT **

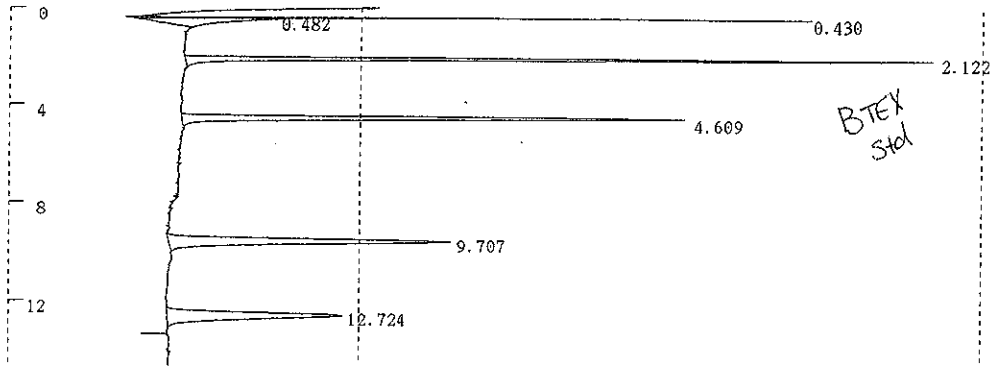
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	1187	502				
	2	0.497	2866	321	V			
	3	2.707	2595	380		10	47.5312	TCE
	TOTAL		6648	1203			47.5312	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTF.C51 02/01/01 10:18:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	190	78				
	2	0.439	1918	875				
	3	0.522	4244	360	V			
	4	0.874	937	111	V	3	4.684	1,1-DCE
	5	1.177	188	51				
	6	1.287	432	69	V	5	2.158	1,1-DCA
	7	1.564	238	45		6	1.3583	C-DCE
	8	2.151	231	41		8		1,2-DCA
	TOTAL		8378	1630			8.2003	



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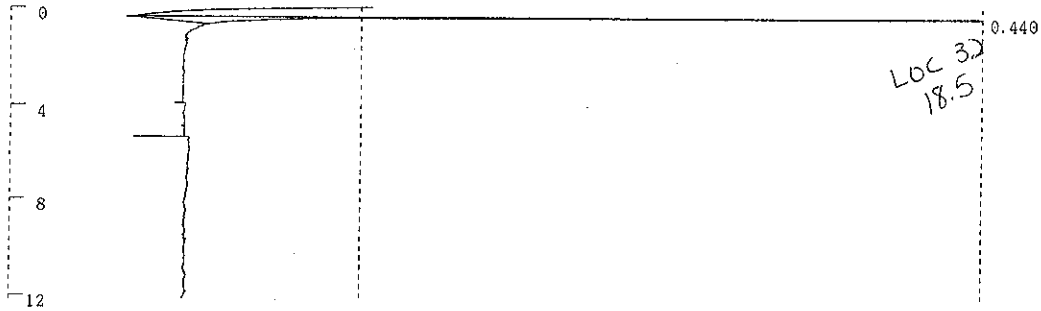
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.43	3050	1537				
	2	0.482	2951	319	V			
	3	2.122	10582	1694		8		1,2-DCA
	4	4.609	10103	1138		11	15.4669	TOLUENE
	5	9.707	9306	639		14	18.9106	EBZ
	6	12.724	7234	398		16	17.6375	O-XYL
	TOTAL		43226	5725			52.015	

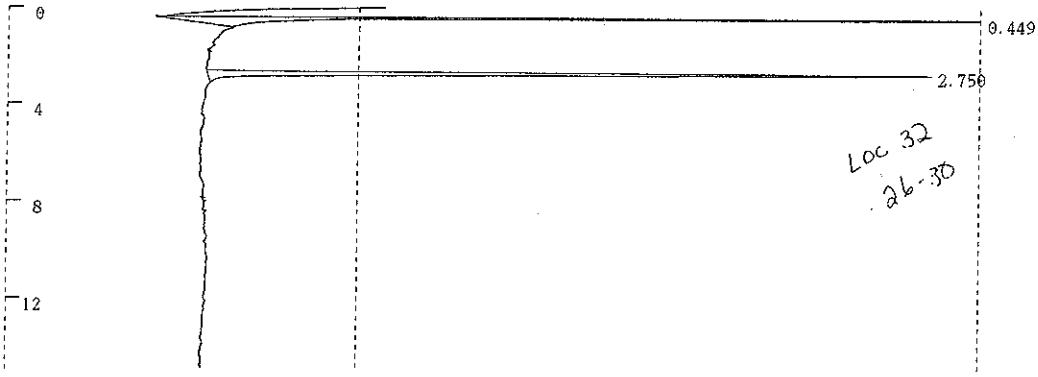
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTF.C53 02/01/01 10:44:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.44	21211	10738				
	TOTAL		21211	10738			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTF.C54 02/01/01 11:03:51



0 17

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.449	25507	11848				
	2	2.75	11652	1634		10	213.4573	TCE
	TOTAL		37158	13482			213.4573	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTF.C55 02/01/01 11:[illegible]

Loc 32
26-30
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	75	34				
	2	0.501	900	124				
	3	2.785	624	118		10	11.4353	TCE
	TOTAL		1599	276			11.4353	

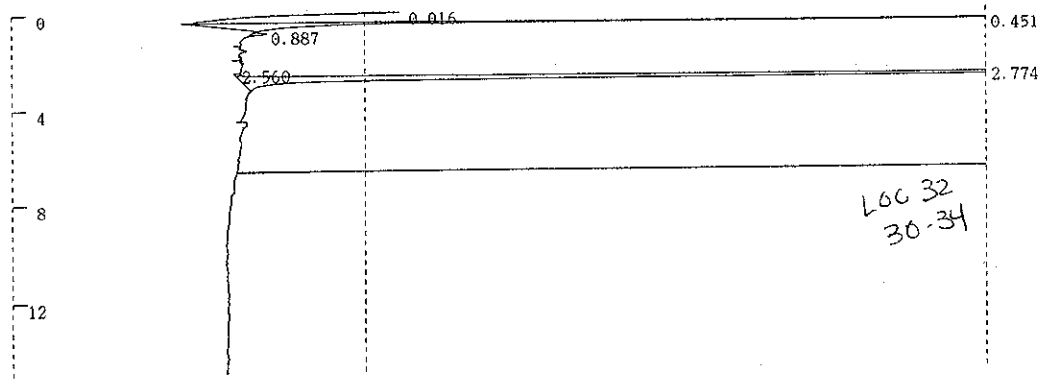
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTF.C56 02/01/01 11:26:45

Loc 32
26-30 dup
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.48	910	129				
	2	2.785	792	146		10	14.5021	TCE
	TOTAL		1702	274			14.5021	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTF.C57 02/01/01 11:31:57

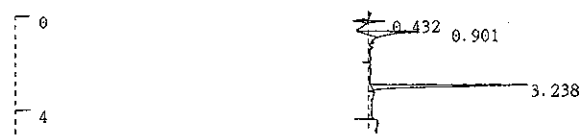


Loc 32
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	143	63				
	2	0.451	30522	16397				
	3	0.887	177	35		3	0.883	1,1-DCE
	4	2.56	70	15				
	5	2.774	23693	3257	V	10	434.0575	TCE
	TOTAL		54605	19768			434.9405	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTF.C58 02/01/01 12:21:00

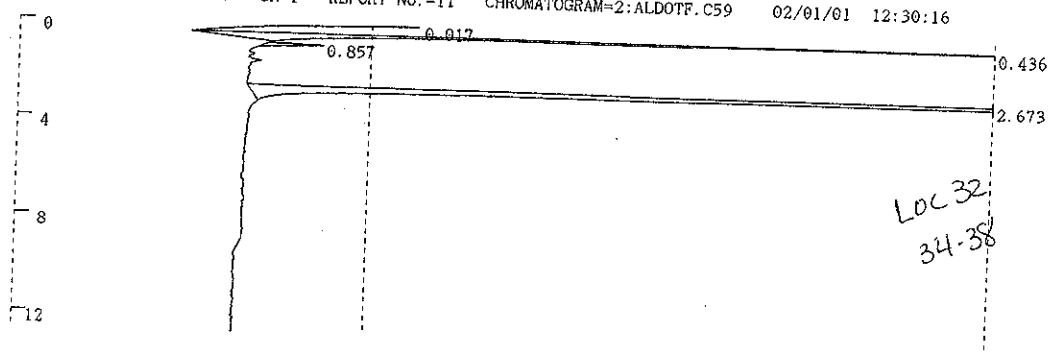


Loc 32
30-34
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	237	63				
	2	0.901	892	133		3	4.4605	1,1-DCE
	3	3.238	1895	350				
	TOTAL		3023	546			4.4605	

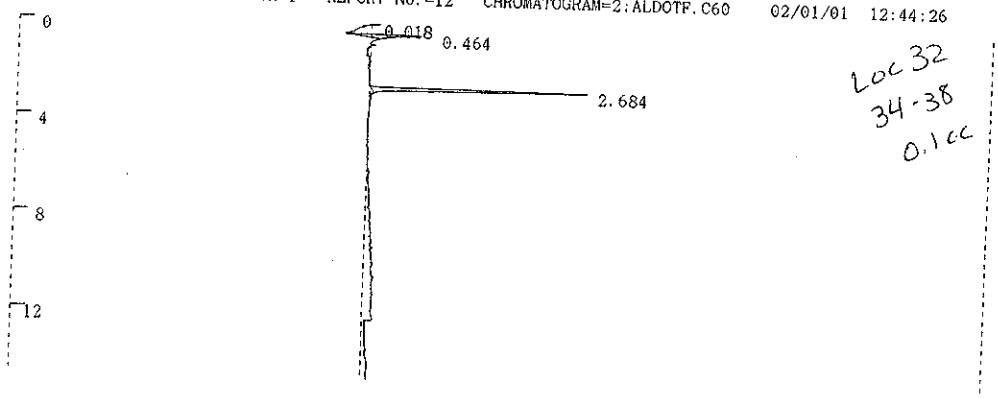
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTF.C59 02/01/01 12:30:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	202	82				
	2	0.436	32114	14597				
	3	0.857	707	133		3	3.535	1,1-DCE
	4	2.673	42891	6056		10	785.7648	TCE
	TOTAL		75913	20869			789.2998	

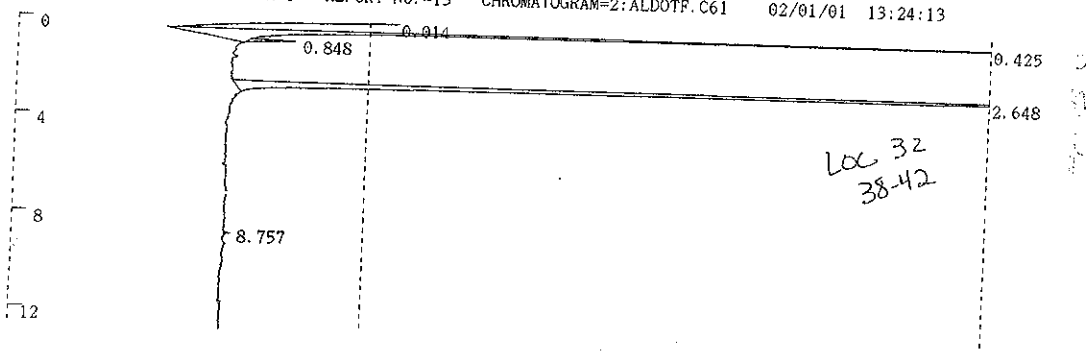
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTF.C60 02/01/01 12:44:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	34	16				
	2	0.464	812	152				
	3	2.684	2644	491		10	48.4344	TCE
	TOTAL		3489	659			48.4344	

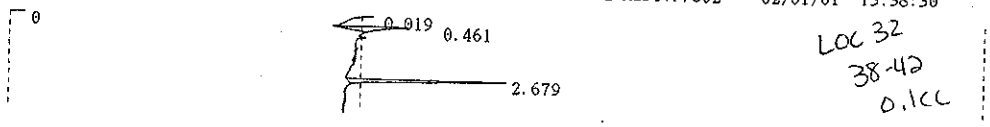
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTF.C61 02/01/01 13:24:13



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	111	53				
	2	0.425	40944	22018	S			
	3	0.848	516	107	T	3	2.5785	1,1-DCE
	4	2.648	17856	2631		10	327.1255	TCE
	5	8.757	35	15				
	TOTAL		59462	24824			329.704	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTF.C62 02/01/01 13:38:30

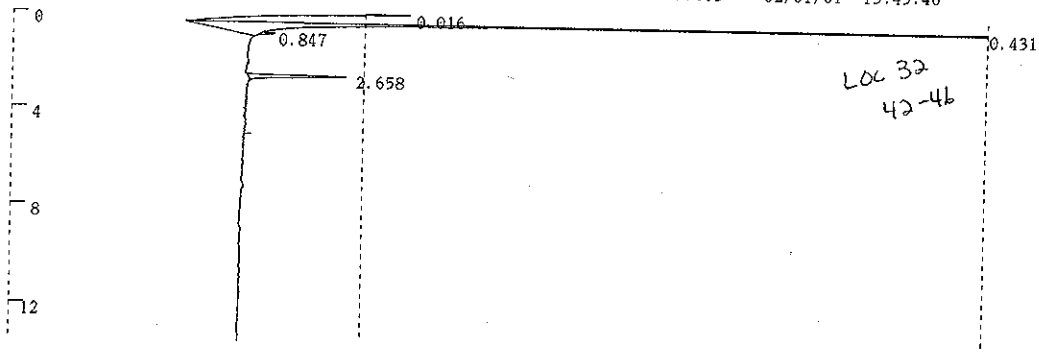


Loc 32
38-42
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.019	44	20				
	2	0.461	1029	157				
	3	2.679	1867	356		10	34.2071	TCE
		TOTAL	2940	533			34.2071	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTF.C63 02/01/01 13:45:46



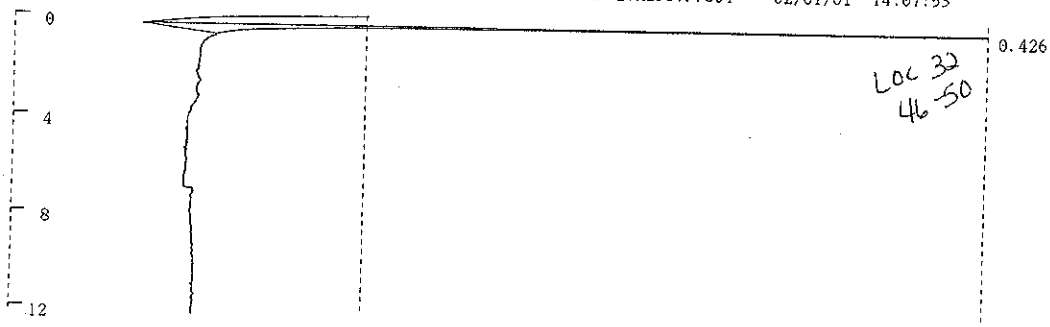
Loc 32
42-46

020

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	183	76				
	2	0.431	39551	21844	S			
	3	0.847	139	30	T	3	0.6965	1,1-DCE
	4	2.658	1434	221		10	26.2635	TCE
		TOTAL	41307	22171			26.96	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTF.C64 02/01/01 14:07:53

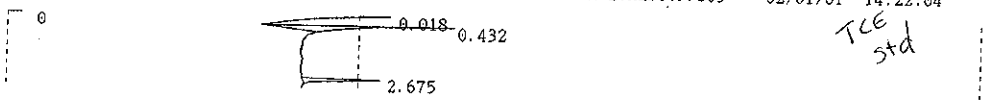


Loc 32
46-50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.426	34932	19060				
		TOTAL	34932	19060			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTF.C65 02/01/01 14:22:04

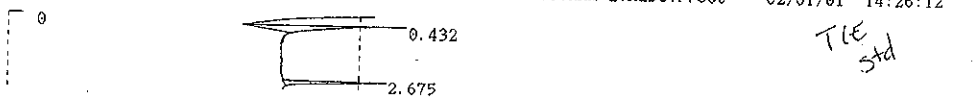


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	124	52				
	2	0.432	2170	422				
	3	2.675	1030	176		10	18.8751	TCE
		TOTAL	3325	650			18.8751	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTF.C66 02/01/01 14:26:12

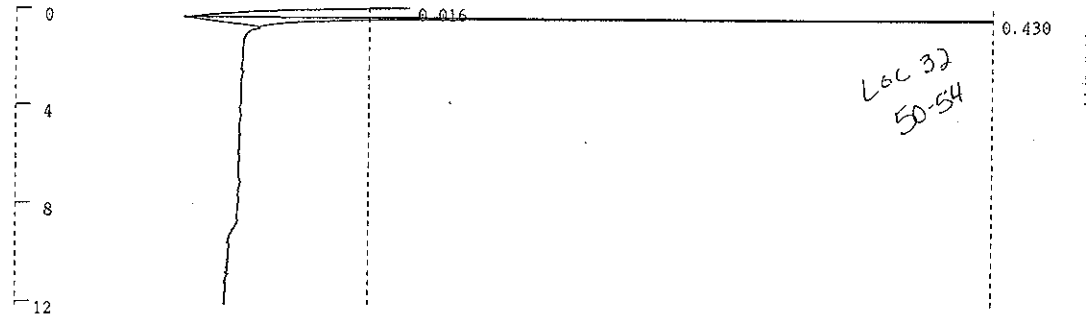


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	2322	359				
	2	2.675	1318	232		10	24.1494	TCE
		TOTAL	3640	591			24.1494	

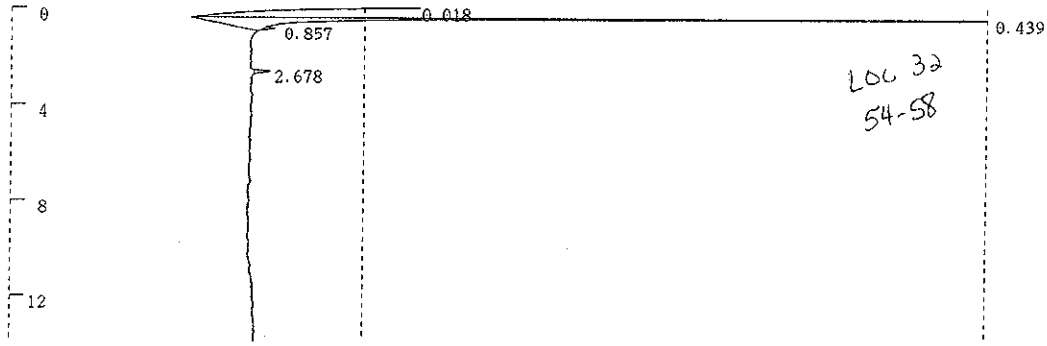
021



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	163	70				
	2	0.43	30015	16106				
		TOTAL	30178	16176			0	

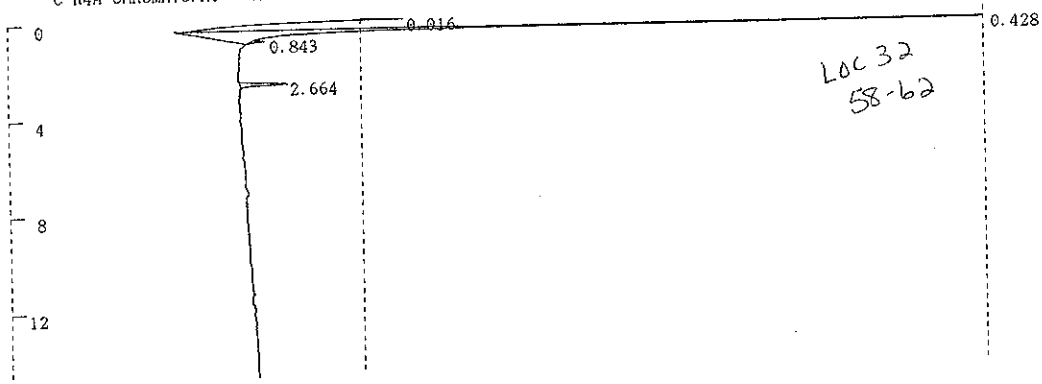
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTF.C68 02/01/01 15:47:20



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	231	97				
	2	0.439	28523	14511	S			
	3	0.857	129	27	T	3	0.644	1,1-DCE
	4	2.678	215	37		10	3.9315	TCE
		TOTAL	29098	14672			4.5755	

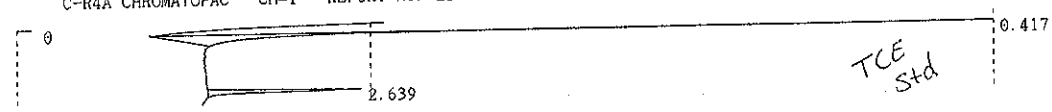
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTF.C69 02/01/01 16:23:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	173	75				
	2	0.428	31509	16130	S			
	3	0.843	140	30	T	3	0.6995	1,1-DCE
	4	2.664	697	108		10	12.7709	TCE
		TOTAL	32519	16342			13.4704	

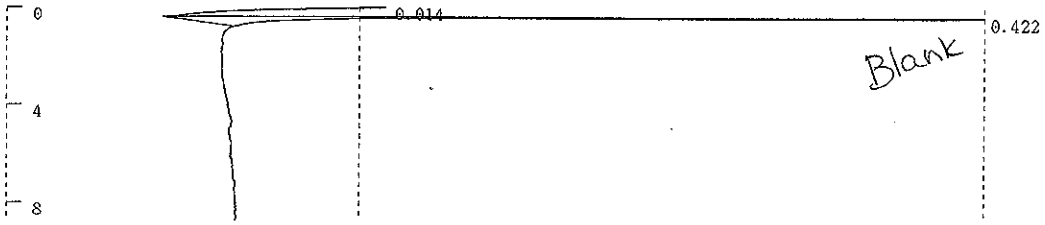
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTF.C70 02/01/01 16:42:12



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.417	7569	2413				
	2	2.639	2310	348		10	42.3247	TCE

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTF.C71 02/01/01 16:47:01

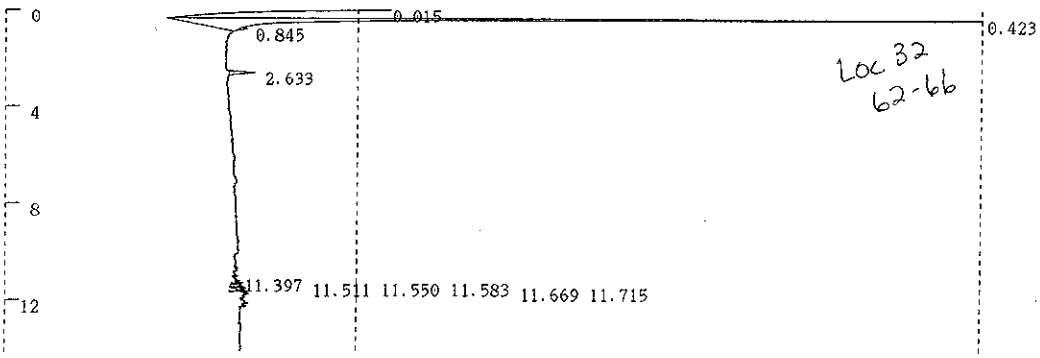


0 2 3

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	100	50				
	2	0.422	35505	20466				
		TOTAL	35605	20516			0	

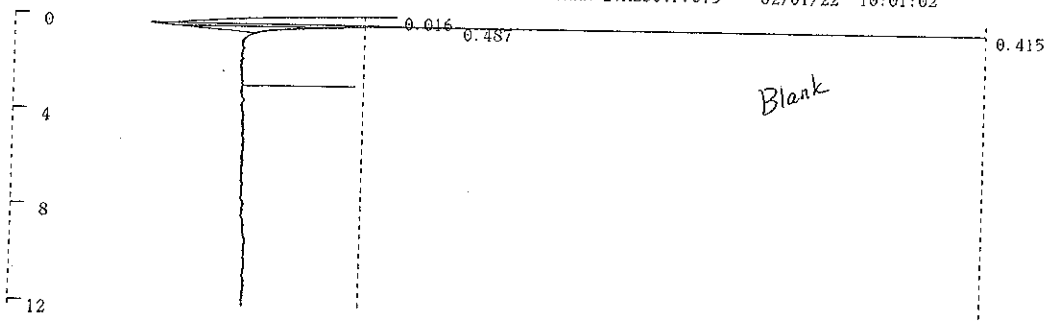
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTF.C72 02/01/01 16:56:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	129	59				
	2	0.423	32846	16803	S			
	3	0.845	79	20	T	3	0.3965	1,1-DCE
	4	2.633	357	60		10	6.5384	TCE
	6	11.397	47	23				
	7	11.511	141	29	V			
	8	11.55	65	31				
	9	11.583	73	28	V			
	10	11.669	22	17	V			
	12	11.715	21	34				
		TOTAL	33781	17104			6.9349	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTF.C73 02/01/22 10:01:02

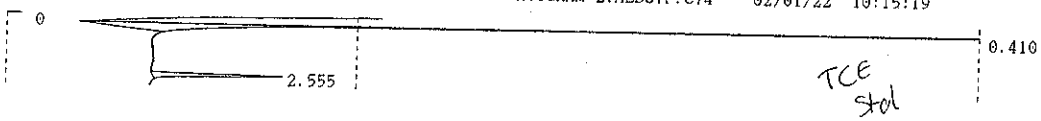


0 2 4

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	139	60				
	2	0.415	4877	2285				
	3	0.487	2692	373	V			
		TOTAL	7707	2718			0	

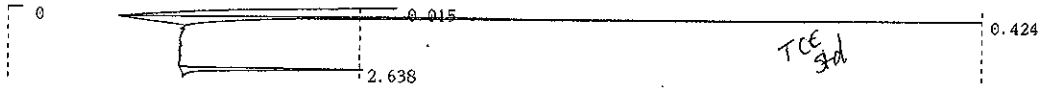
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTF.C74 02/01/22 10:15:19



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.41	11495	4263				
	2	2.555	1937	298				
		TOTAL	13432	4561			0	

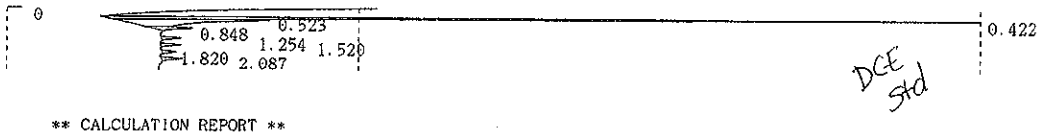
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTF.C74 02/01/22 10:26:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	146	67				
	2	0.424	15627	6315				
	3	2.638	2826	417		10	51.7723	TCE
	TOTAL		18599	6799			51.7723	

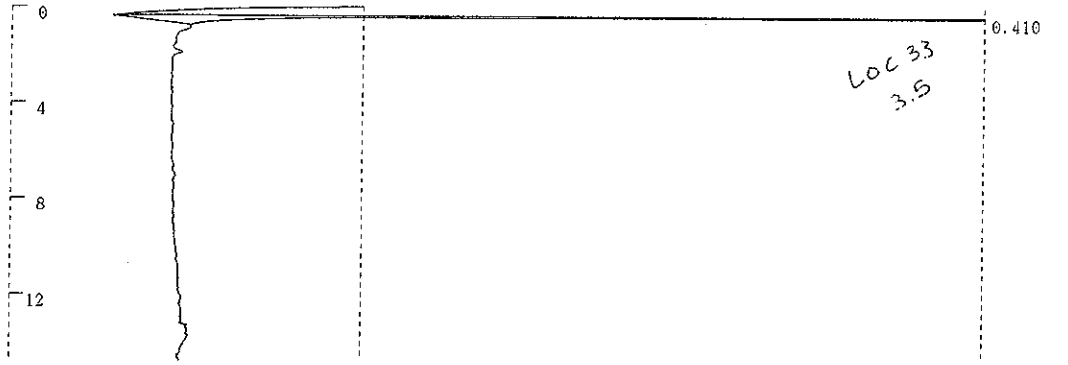
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTF.C75 02/01/22 10:31:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.422	14725	6987				
	2	0.523	3149	343	V			
	3	0.848	593	92	V	3	2.963	1,1-DCE
	4	1.254	218	46		5	1.091	1,1-DCA
	5	1.52	243	48		6	1.3862	C-DCE
	6	1.82	182	35		7	1.4157	TCA
	7	2.087	259	48		9	0.3513	BENZENE
	TOTAL		19368	7599			7.2073	

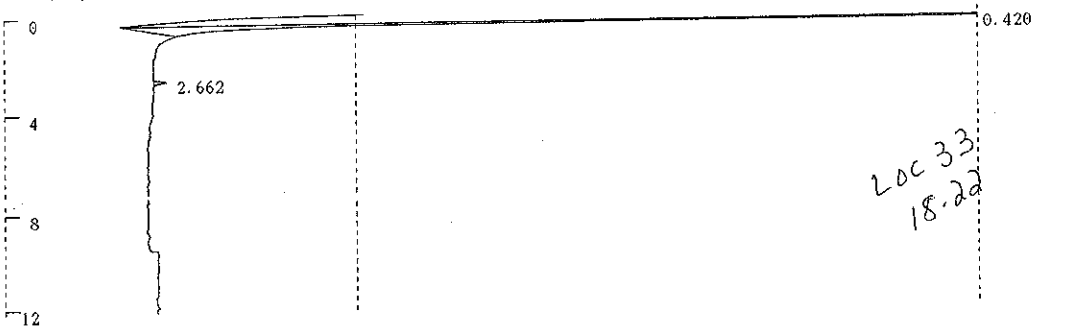
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTF.C76 02/01/22 10:36:13



** CALCULATION REPORT **

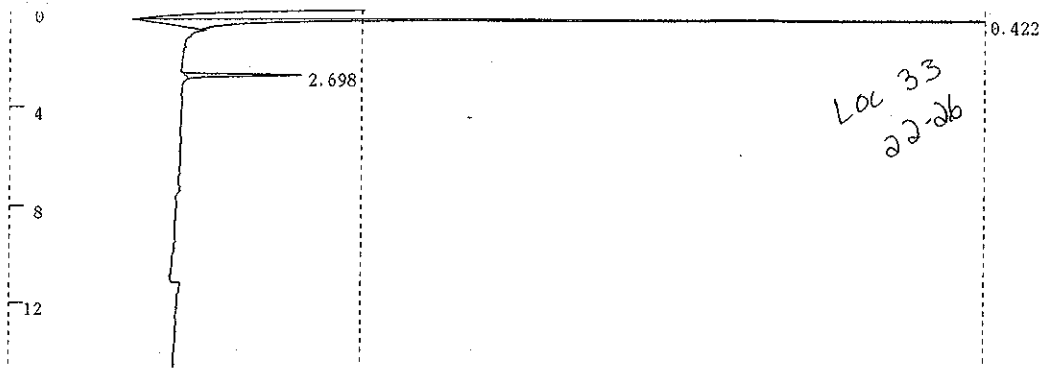
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.41	87464	50802				
	TOTAL		87464	50802			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTF.C77 02/01/22 10:55:32



** CALCULATION REPORT **

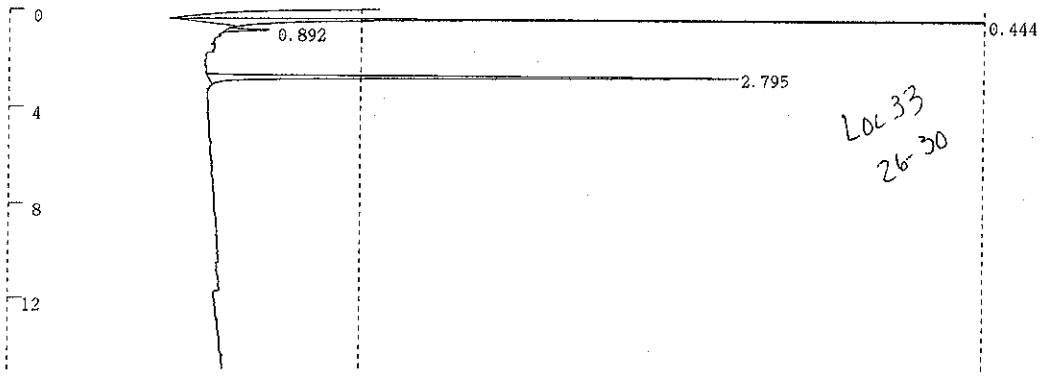
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.42	80111	44270				
	2	2.662	183	30		10	3.3434	TCE
	TOTAL		80293	44300			3.3434	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.422	67210	38230				
	2	2.698	1652	266		10	30.2646	TCE
		TOTAL	68862	38496			30.2646	

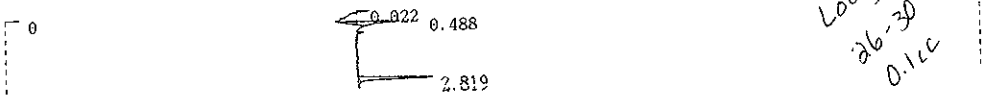
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTF.C79 02/01/22 13:02:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.444	46731	24549				
	2	0.892	482	99		3	2.409	1,1-DCE
	3	2.795	7952	1200		10	145.6788	TCE
		TOTAL	55164	25847			148.0878	

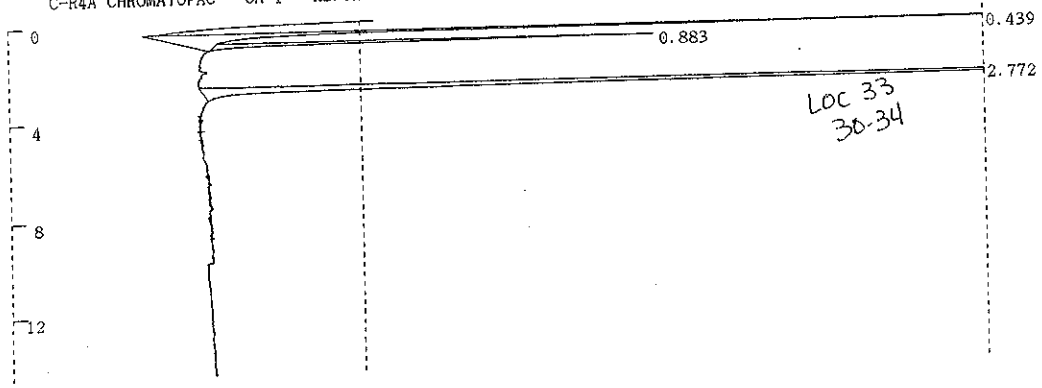
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTF.C80 02/01/22 13:21:34



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	56	21				
	2	0.488	803	133		10	16.5833	TCE
	3	2.819	905	167				
		TOTAL	1764	321			16.5833	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTF.C81 02/01/22 13:26:29



** CALCULATION REPORT **

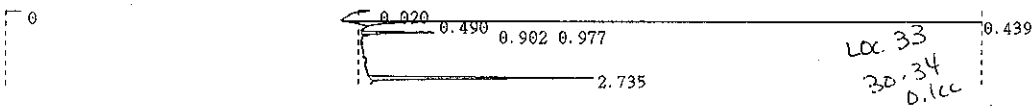
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	40038	19171	S			
	2	0.883	5088	995	T	3	25.442	1,1-DCE
	3	2.772	24169	3518		10	442.7815	TCE

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTF.C82 02/01/22 13:42:31

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

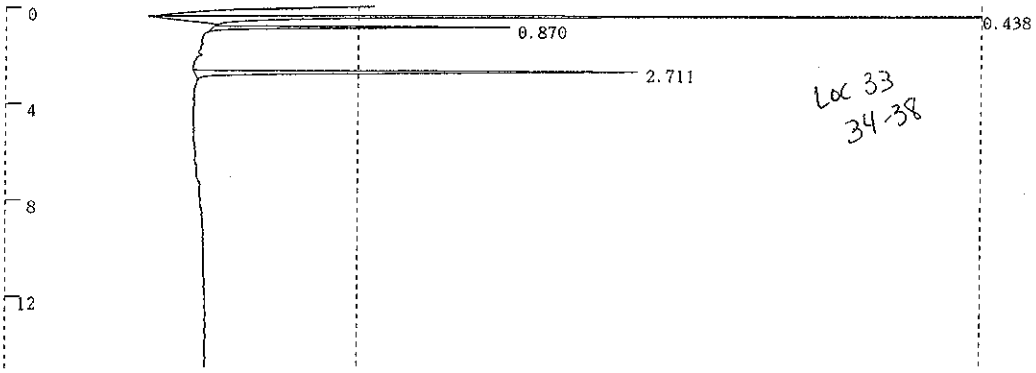
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTF.C83 02/01/22 14:20:36



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	52	21				
	2	0.439	3359	7246				
	3	0.49	636	126	V			
	4	0.902	540	163		3	2.6975	1,1-DCE
	5	0.977	33	38	V			
	7	2.735	2573	503		10	47.1282	TCE
		TOTAL	7193	8097			49.8257	

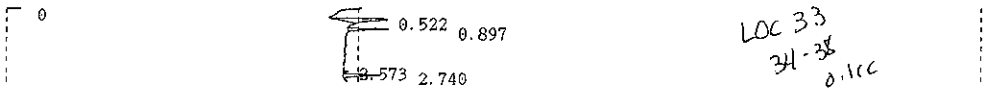
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTF.C84 02/01/22 14:26:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.438	30534	14611				
	2	0.87	3376	673		3	16.8815	1,1-DCE
	3	2.711	6315	991		10	115.6926	TCE
		TOTAL	40225	16275			132.5741	

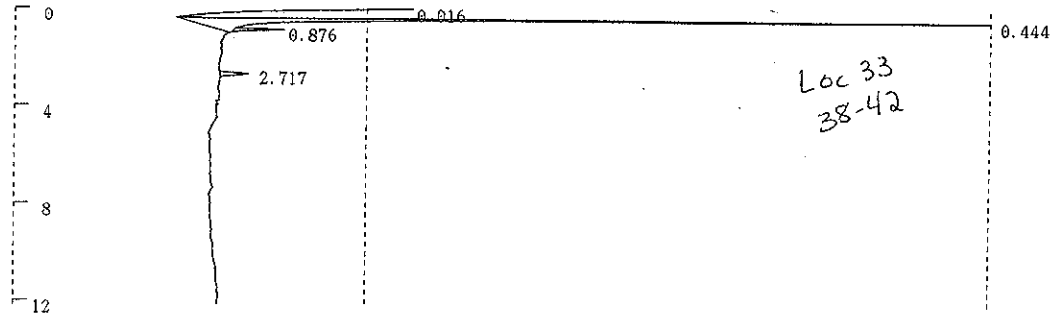
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTF.C85 02/01/22 14:49:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.522	847	106				
	2	0.897	309	93		3	1.544	1,1-DCE
	3	2.573	36	12				
	4	2.74	419	84	V	10	7.6688	TCE
		TOTAL	1610	295			9.2128	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTF.C86 02/01/22 14:55:10

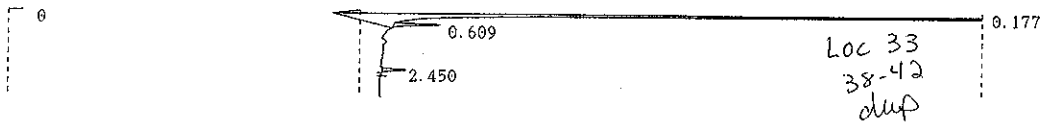


030

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	180	78				
	2	0.444	27683	12935	S			
	3	0.876	576	116	T	3	2.8795	1,1-DCE
	4	2.717	424	66		10	7.7658	TCE
		TOTAL	28863	13195			10.6453	

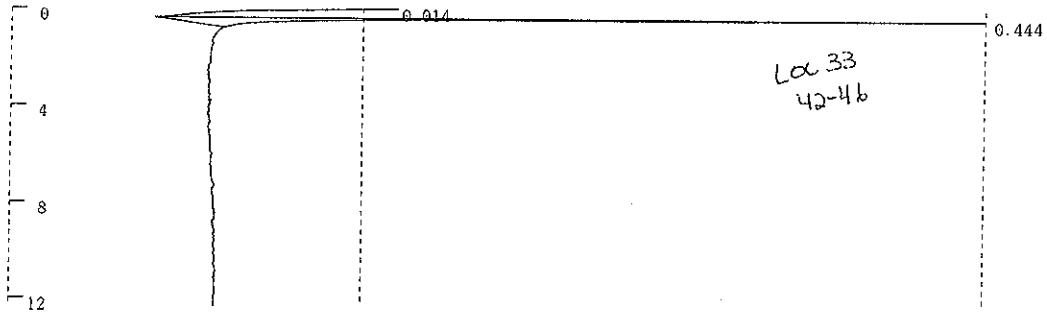
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTF.C87 02/01/22 15:08:27



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.177	28041	13447	S			
	2	0.609	509	105	T			
	3	2.45	297	53				
		TOTAL	28846	13605			0	

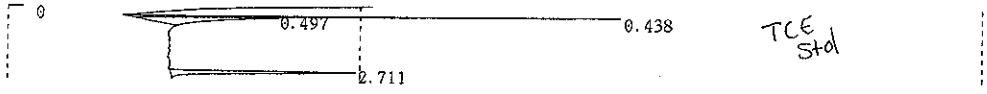
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTF.C88 02/01/22 15:15:36



** CALCULATION REPORT **

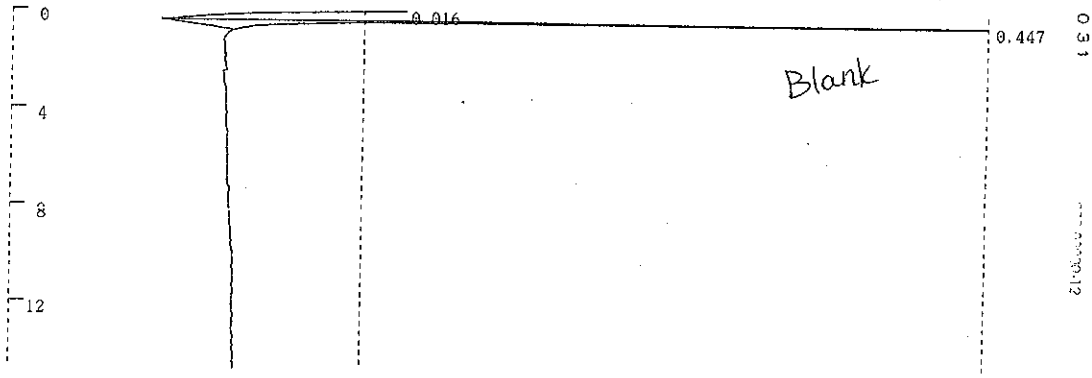
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	137	62				
	2	0.444	21225	9869				
		TOTAL	21362	9931			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTF.C89 02/01/22 15:30:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.438	2792	1111				
	2	0.497	2673	321	V			
	3	2.711	2808	420		10	51.4426	TCE
		TOTAL	8274	1852			51.4426	

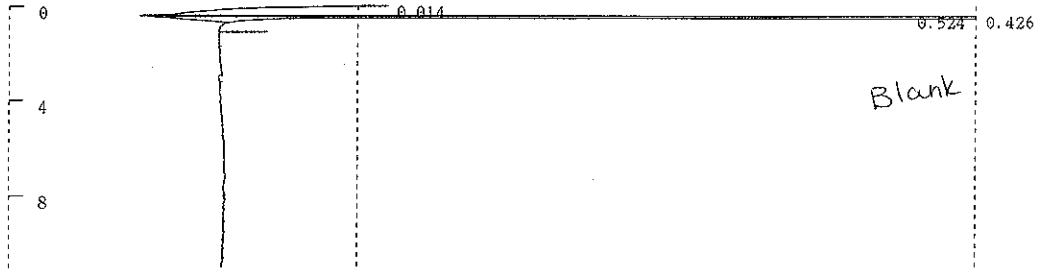


031

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	179	74				
	2	0.447	17774	6663				
		TOTAL	17953	6737			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTG.C01 02/01/23 10:36:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	125	55				
	2	0.426	17960	34130				
	3	0.524	33652	58121	V			
		TOTAL	51737	92306			0	

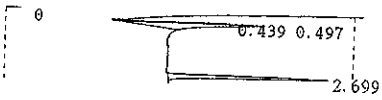
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTG.C02 02/01/23 10:49:27

032

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.433	481	330				
	2	0.498	2706	326	V			
	3	2.697	2260	352		10	41.405	TCE
		TOTAL	5447	1008			41.405	

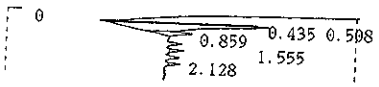
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTG.C03 02/01/23 10:54:08



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	471	256				
	2	0.497	2549	309	V			
	3	2.699	2372	368		10	43.455	TCE
		TOTAL	5392	933			43.455	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTG.C04 02/01/23 10:58:46



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.435	655	351				
	2	0.508	3925	356	V			
	3	0.859	630	83	V	3	3.1495	1,1-DCE
	4	1.555	153	32		6	0.871	C-DCE
	5	2.128	140	29		9	0.1898	BENZENE
		TOTAL	5502	853				

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTG.C05 02/01/23 11:02:21

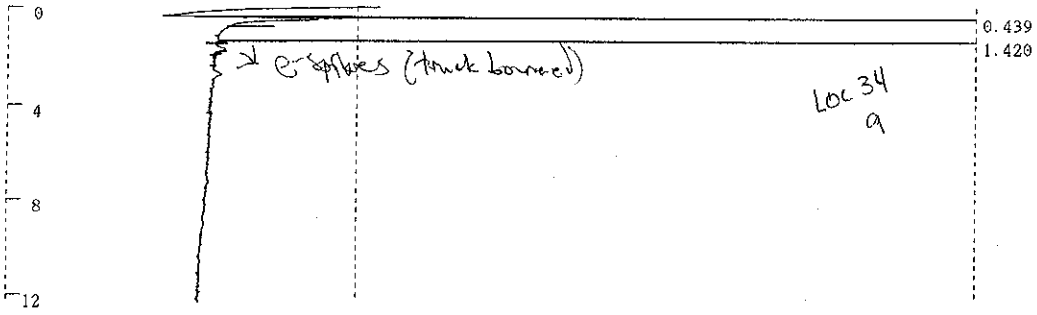
DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.442	578	312				
	2	0.517	3745	336	V			
	3	0.872	574	88	V	3	2.87	1,1-DCE
	4	1.297	205	41		5	1.024	1,1-DCA
	5	1.575	242	45		6	1.3817	C-DCE
	6	1.874	171	33		7	1.3354	TCA
	7	2.143	375	58		8		1,2-DCA
	TOTAL		5890	912			6.611	

033

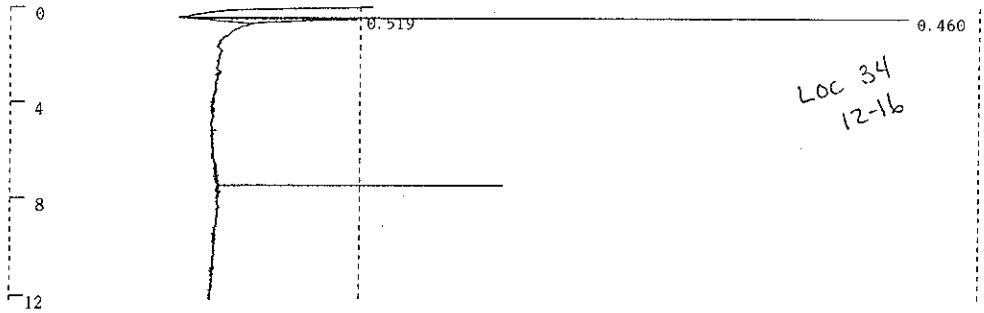
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTG.C06 02/01/23 11:06:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	6041	3839				
	2	1.42	17031	30879				
	TOTAL		23072	34719			0	

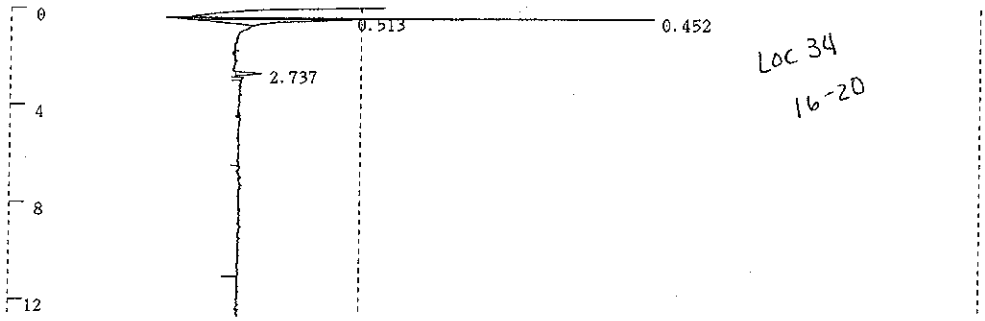
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTG.C07 02/01/23 11:20:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.46	2705	1633				
	2	0.519	2078	350	V			
	TOTAL		4783	1983			0	

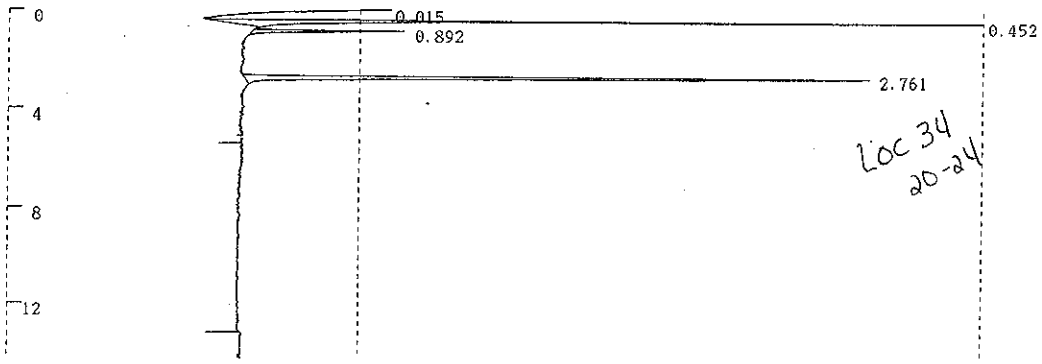
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTG.C08 02/01/23 11:33:55



034

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.452	2813	1076				
	2	0.513	2399	353	V			
	3	2.737	366	59		10	6.7015	TCE
	TOTAL		5578	1488			6.7015	



Loc 34
20-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	123	56				
	2	0.452	13117	5955				
	3	0.892	1759	347		3	8.7955	1,1-DCE
	4	2.761	8920	1409		10	163.4052	TCE
		TOTAL	23918	7767			172.2007	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTG.C10 02/01/23 12:55:04

redo

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.442	86	33				
	2	0.543	721	133	V			
	3	2.843	105	26		10	1.9218	TCE
		TOTAL	911	192			1.9218	

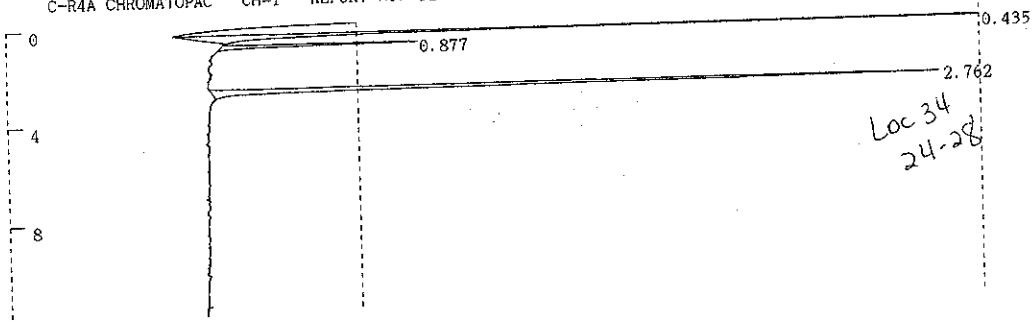
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTG.C11 02/01/23 12:59:55

Loc 34
20-24
0.11c

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.421	77	34				
	2	0.527	545	115	V			
		TOTAL	622	149			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTG.C12 02/01/23 13:05:29

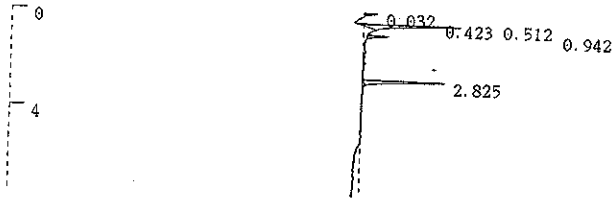


Loc 34
24-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.435	20122	9973				
	2	0.877	2236	451		3	11.1805	1,1-DCE
	3	2.762	10283	1640		10	188.3882	TCE
		TOTAL	32641	12064			199.5687	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTG.C13 02/01/23 13:18:49

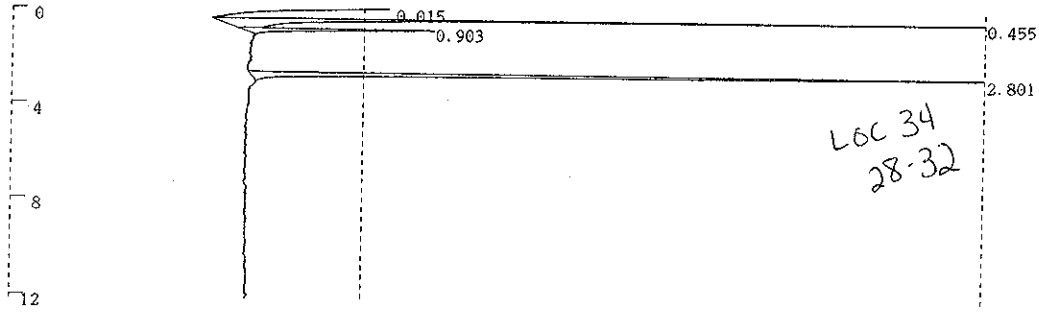


Loc 34
24-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.032	82	26				
	2	0.423	52	25				
	3	0.512	1286	219	V			
	4	0.942	189	49				
	5	2.825	1007	182		10	18.4537	TCE
		TOTAL	2616	501			18.4537	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTG.C14 02/01/23 14:01:38



Loc 34
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	96	45				
	2	0.455	19537	9486				
	3	0.903	2478	432	V	3	12.391	1,1-DCE
	4	2.801	11266	1805		10	206.3894	TCE
		TOTAL	33376	11769			218.7804	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTG.C15 02/01/23 14:15:22

redo

** CALCULATION REPORT **

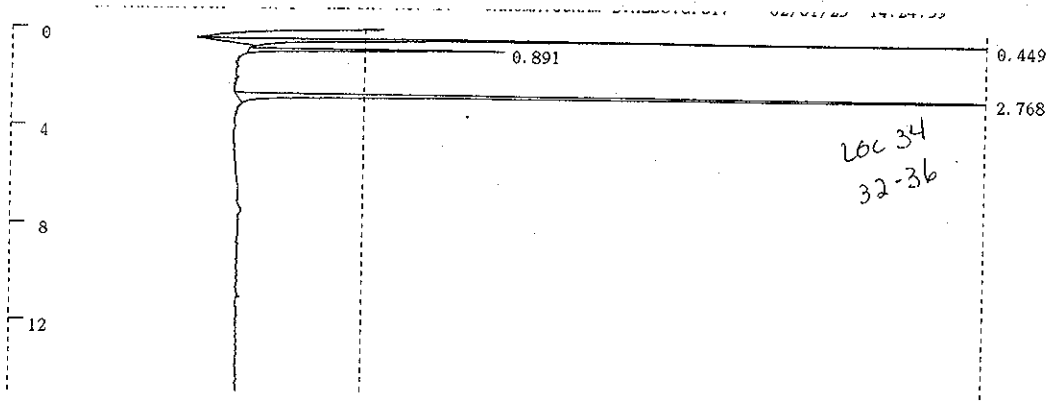
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.43	40	15				
	2	0.524	615	111	V			
		TOTAL	655	126			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTG.C16 02/01/23 14:19:26

Loc 34
28-32
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.023	55	20				
	2	0.5	1272	226				
	3	0.937	206	57		3	1.03	1,1-DCE
	4	2.839	1143	212		10	20.9324	TCE
		TOTAL	2676	515			21.9624	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.449	23480	12076				
	2	0.891	2847	583		3	14.2345	1,1-DCE
	3	2.768	12965	2047		10	237.5243	TCE
		TOTAL	39292	14707			251.7588	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTG.C18 02/01/23 14:41:06

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.393	57	21				
	2	0.53	641	123				
	3	2.843	246	46		10	4.5031	TCE
		TOTAL	943	189			4.5031	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTG.C19 02/01/23 14:45:17

error

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.327	135	41				
		TOTAL	135	41			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTG.C20 02/01/23 14:50:22

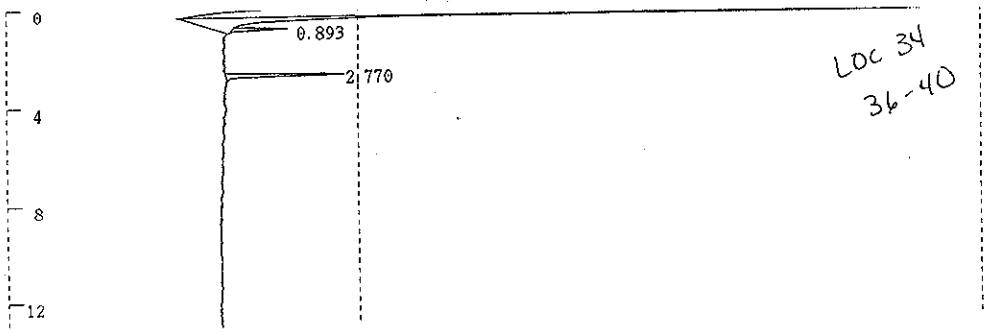
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.363	55	18				
	2	0.488	1383	240				
	3	0.922	309	87		3	1.5465	1,1-DCE
	4	2.798	1326	254		10	24.2996	TCE
		TOTAL	3074	599			25.8461	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTG.C21 02/01/23 14:54:44

** CALCULATION REPORT **

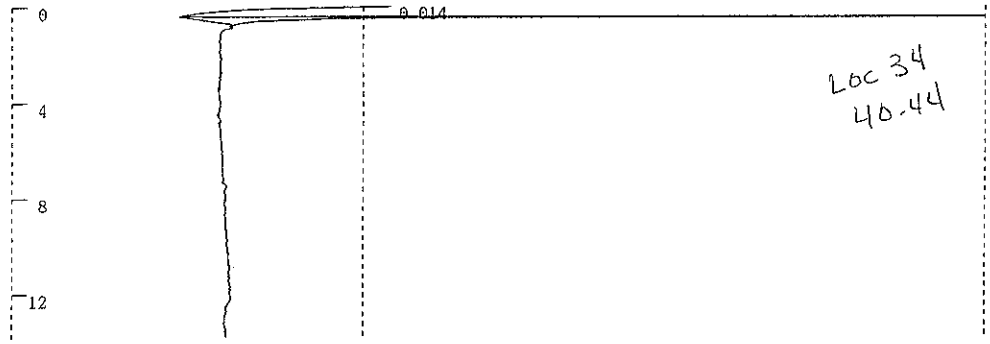
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	66	23				
	2	0.495	1549	257				
	3	0.929	297	87		3	1.484	1,1-DCE
	4	2.806	1384	262		10	25.353	TCE
		TOTAL	3295	630			26.837	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.45	19532	9028	S			
	2	0.893	652	127	T	3	3.2615	1,1-DCE
	3	2.77	1784	268		10	32.6737	TCE
		TOTAL	21968	9423			35.9352	

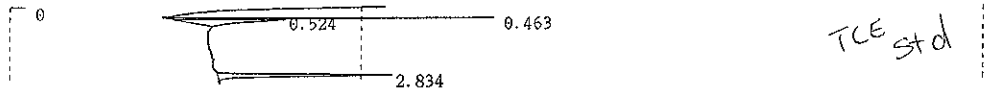
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTG.C23 02/01/23 15:44:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	112	50				
	2	0.459	14041	6413				
		TOTAL	14153	6463			0	

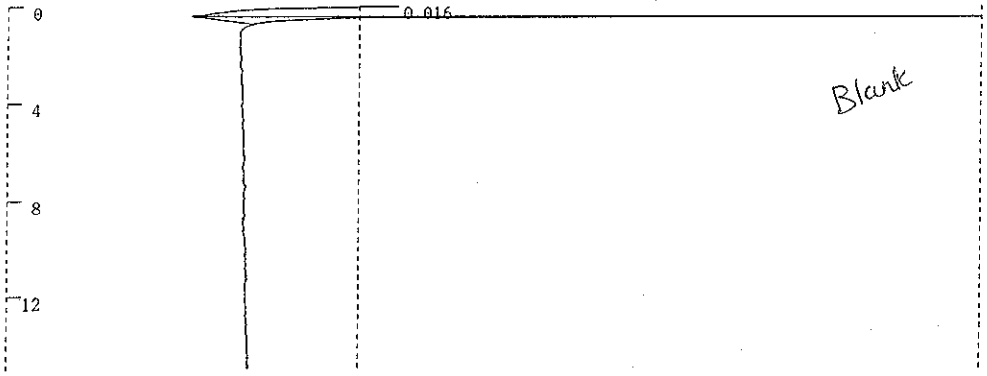
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTG.C24 02/01/23 15:59:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.463	1780	742				
	2	0.524	1976	248	V			
	3	2.834	2594	399		10	47.5166	TCE
		TOTAL	6350	1390			47.5166	

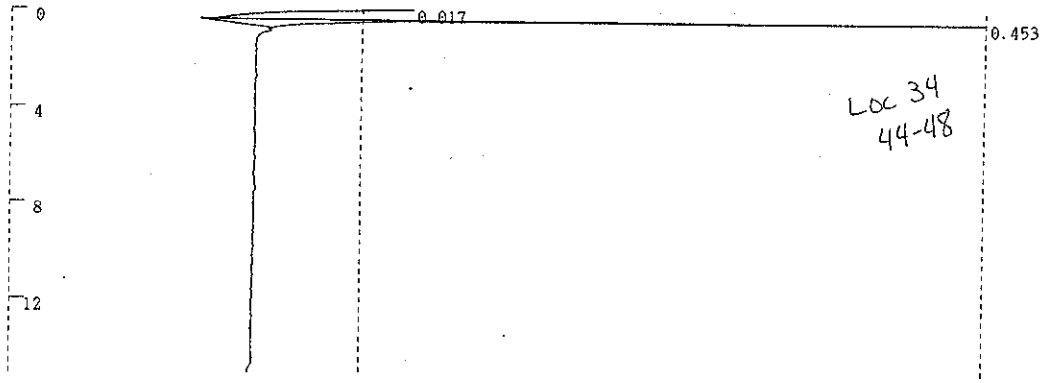
C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTG.C25 02/01/23 16:03:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	182	70				
	2	0.455	17967	9419				
		TOTAL	18148	9489			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTG.C26 02/01/23 16:43:11



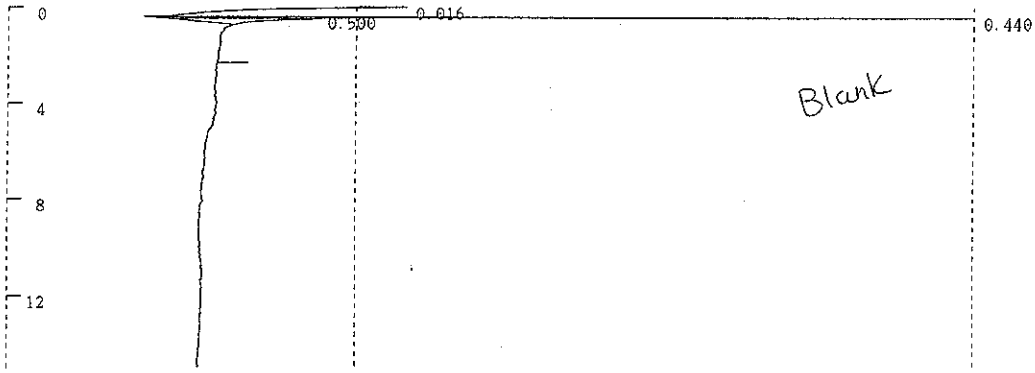
Loc 34
44-48

040

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	217	86				
	2	0.453	11817	4916				
		TOTAL	12034	5001			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTG.C27 02/01/24 09:00:33



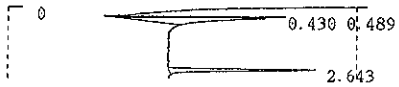
Blank

041

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	215	87				
	2	0.44	6389	3512				
	3	0.5	2323	337	V			
		TOTAL	8927	3937			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTG.C28 02/01/24 09:19:25

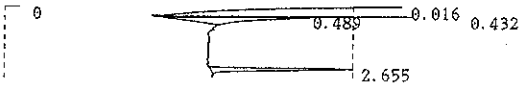


TCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.43	872	395				
	2	0.489	2726	323	V			
	3	2.643	2223	337		10	40.7217	TCE
		TOTAL	5821	1055			40.7217	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTG.C29 02/01/24 09:23:44

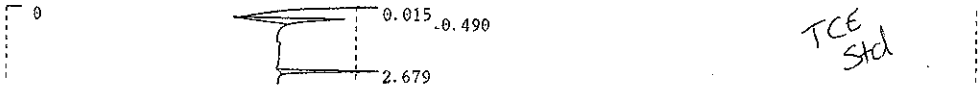


TCE
Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	196	81				
	2	0.432	1078	579				
	3	0.489	2760	324	V			
	4	2.655	2012	324		10	36.8635	TCE

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTG.C30 02/01/24 09:38:39



TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	87	38				
	2	0.49	1867	225				
	3	2.679	1274	227		10	23.3415	TCE
		TOTAL	3228	489			23.3415	

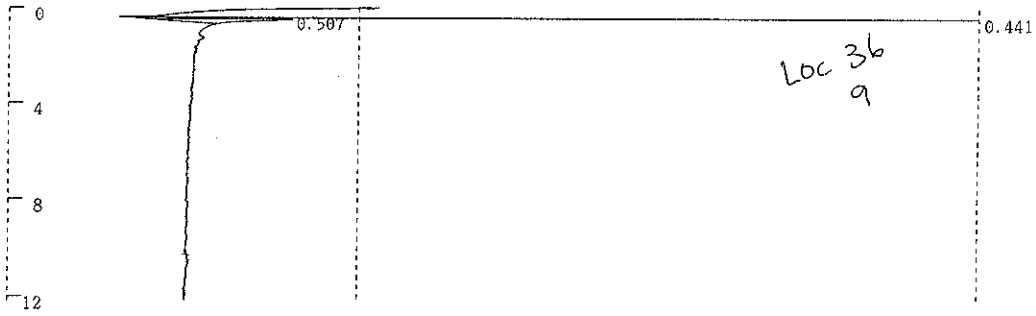
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTG.C31 02/01/24 09:43:07

DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.506	4810	401				
	2	0.857	790	102	V	3	3.952	1,1-DCE
	3	1.27	233	40		5	1.1645	1,1-DCA
	4	1.543	238	40	V	6	1.3566	C-DCE
	5	1.834	181	30	V	7	1.4095	TCA
	6	2.105	197	36	V	9	0.2678	BENZENE
		TOTAL	6449	649			8.1504	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTG.C32 02/01/24 09:48:30

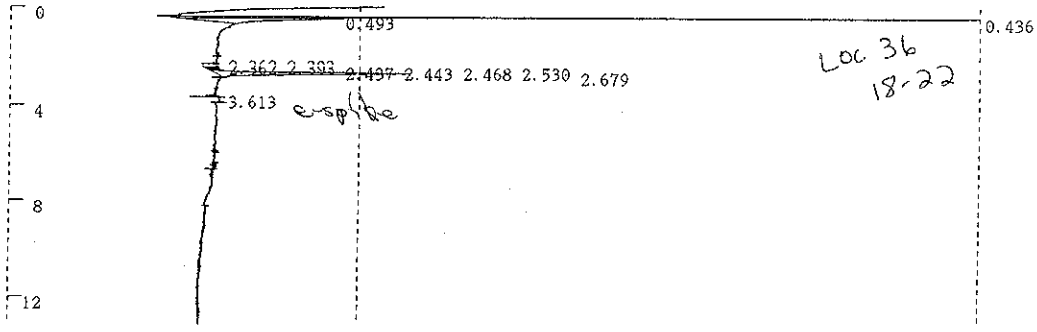


Loc 36
9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.441	4261	2552				
	2	0.507	2201	319	V			
		TOTAL	6463	2871			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTG.C33 02/01/24 10:02:09

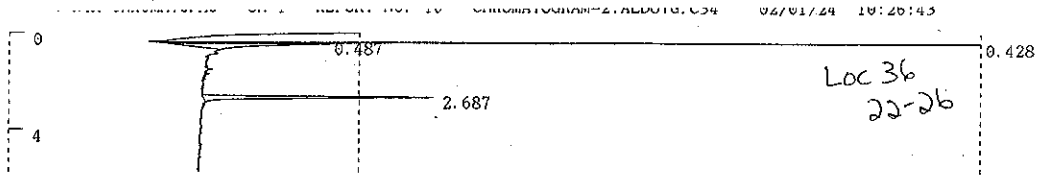


Loc 36
18-22

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.436	4562	2744				
	2	0.493	2404	369	V			
	3	2.362	22	19				
	4	2.393	73	39				
	5	2.437	34	34	V			
	6	2.443	42	28	V			
	7	2.468	32	30	V			
	9	2.53	37	17	V			
	11	2.679	2865	441	V	10	52.4776	TCE
	12	3.613	48	20		12	0.5937	PCE
		TOTAL	10119	3740			53.0714	

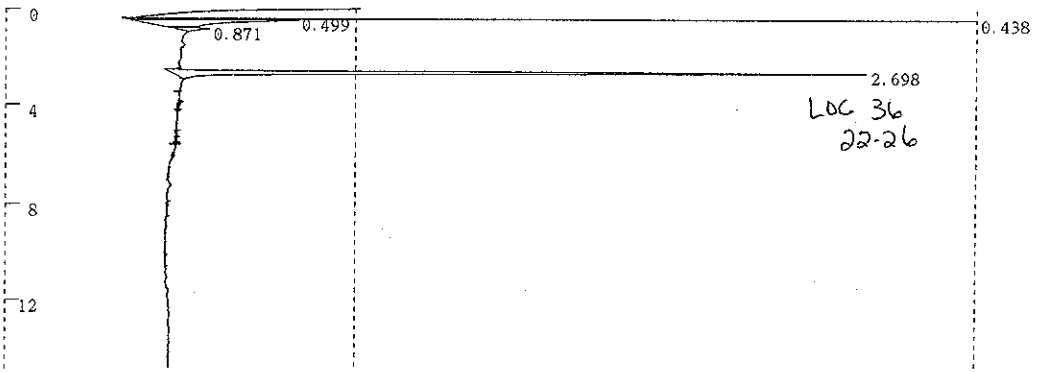
043



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.428	5992	3662				
	2	0.487	2284	365	V			
	3	2.687	3198	525		10	58.5947	TCE
		TOTAL	11475	4552			58.5947	

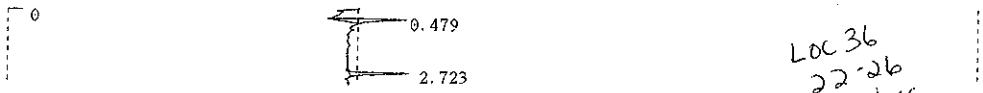
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTG.C35 02/01/24 10:34:47



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.438	4623	2675				
	2	0.499	3572	377	V			
	3	0.871	518	74	V	3	2.5875	1,1-DCE
	4	2.698	10746	1576		10	196.874	TCE
		TOTAL	19459	4703			199.4615	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTG.C36 02/01/24 10:52:01



** CALCULATION REPORT **

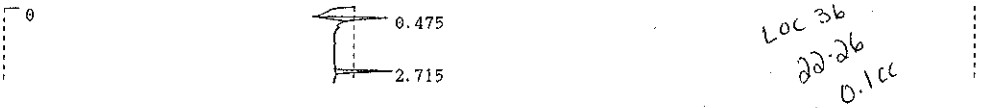
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.479	927	161				
	2	2.723	700	135		10	12.8313	TCE
		TOTAL	1627	297			12.8313	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTG.C37 02/01/24 10:56:03

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.515	209	46				
		TOTAL	209	46			0	

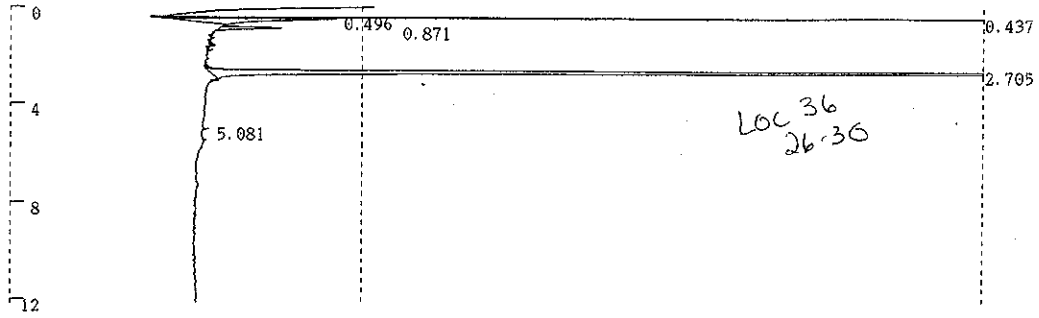
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTG.C38 02/01/24 11:00:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.475	870	149				
	2	2.715	681	130		10	12.4814	TCE
		TOTAL	1552	279			12.4814	

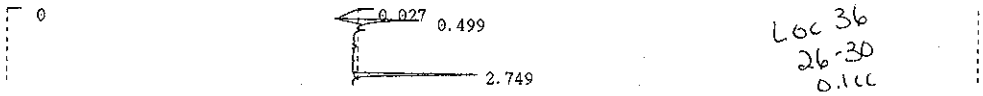
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTG.C39 02/01/24 11:05:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.437	6323	3550				
	2	0.496	2356	369	V			
	3	0.871	730	141		3	3.6515	1,1-DCE
	6	2.705	17581	2667	V	10	322.0765	TCE
	7	5.081	30	13				
		TOTAL	27019	6739			325.728	

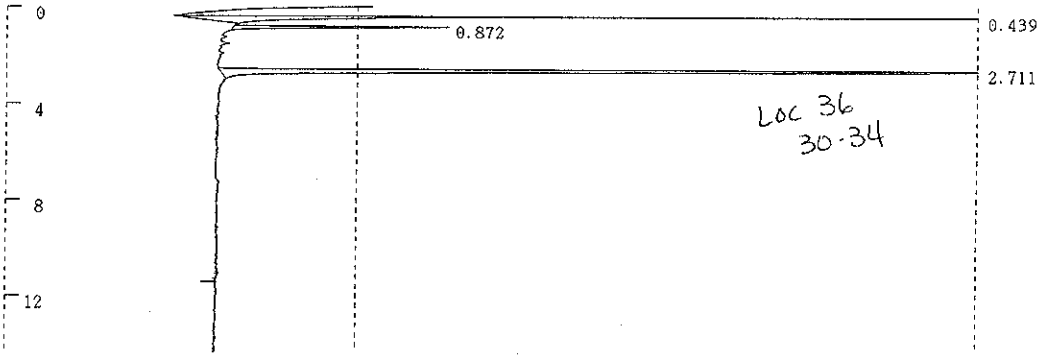
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTG.C40 02/01/24 11:19:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.027	83	29				
	2	0.499	1130	176				
	3	2.749	1525	283		10	27.9435	TCE
		TOTAL	2738	488			27.9435	

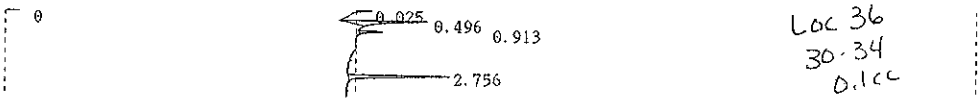
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTG.C41 02/01/24 11:24:35



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.439	11108	5102				
	2	0.872	2378	495		3	11.8905	1,1-DCE
	3	2.711	14022	2213		10	256.8885	TCE
		TOTAL	27508	7810			268.779	

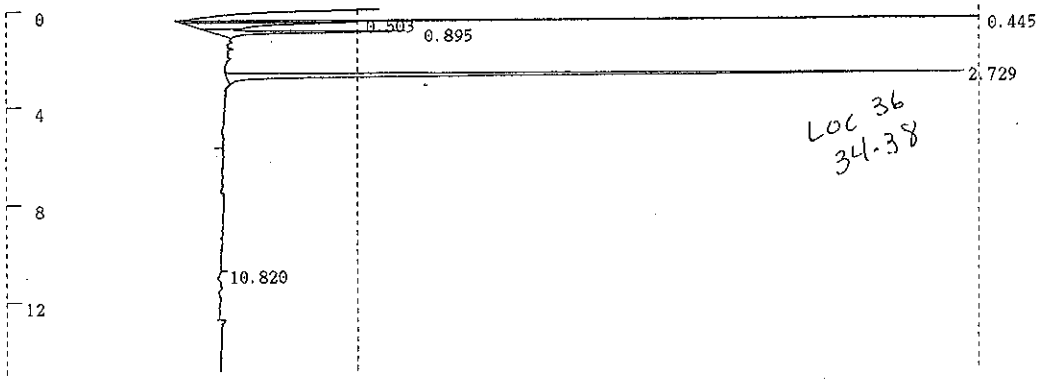
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTG.C42 02/01/24 11:41:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.025	91	29				
	2	0.496	1122	185				
	3	0.913	187	53		3	0.9365	1,1-DCE
	4	2.756	1256	230		10	23.0099	TCE
		TOTAL	2656	497			23.9464	

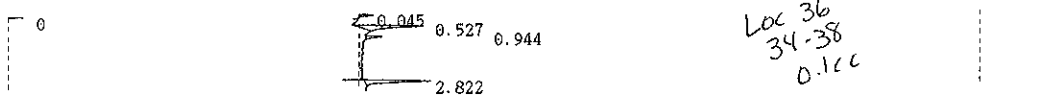
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTG.C43 02/01/24 11:57:13



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.445	9784	5685				
	2	0.503	3047	403	V			
	3	0.895	2946	397	V	3	14.731	1,1-DCE
	4	2.729	10671	1664		10	195.4982	TCE
	5	10.82	33	13				
		TOTAL	26481	8162			210.2292	

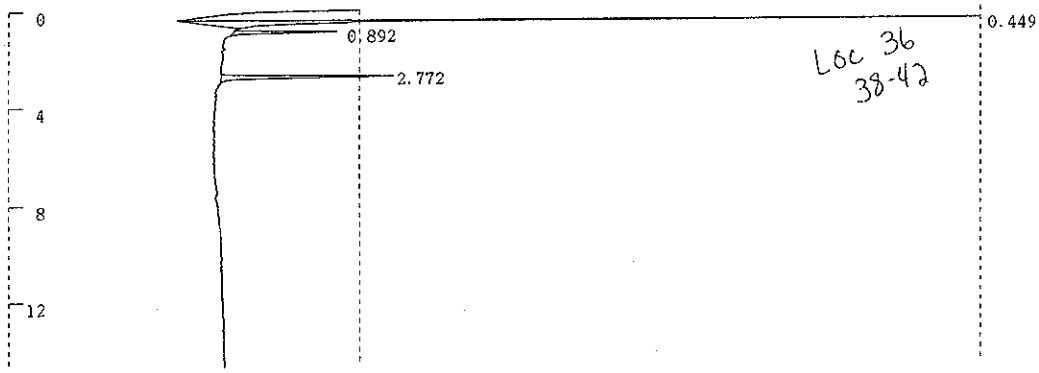
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTG.C44 02/01/24 13:07:13



** CALCULATION REPORT **

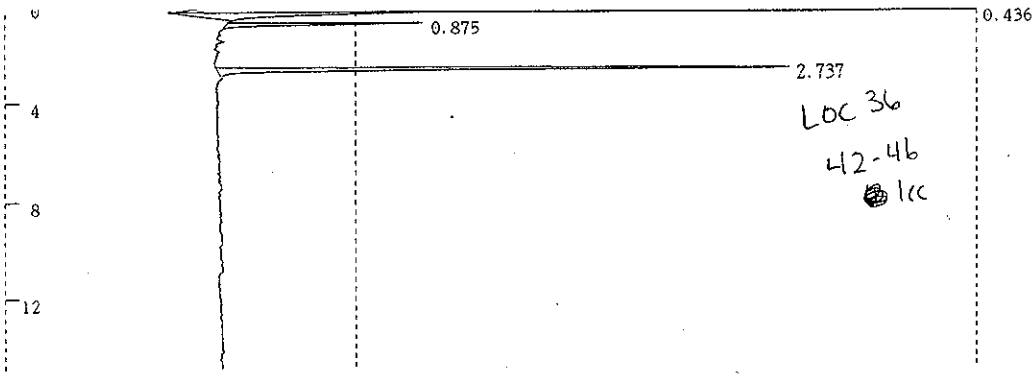
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.045	101	28				
	2	0.527	1013	152				
	3	0.944	144	36				
	4	2.822	855	151		10	15.6563	TCE
		TOTAL	2112	366			15.6563	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTG.C45 02/01/24 13:12:48



** CALCULATION REPORT **

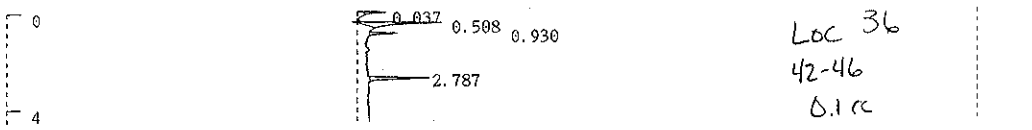
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.449	8700	3130				
	2	0.892	1220	237		3	6.101	1,1-DCE
	3	2.772	2571	393		10	47.0952	TCE
		TOTAL	12491	3760			53.1962	



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.436	13482	6491				
	2	0.875	2267	446		3	11.334	1,1-DCE
	3	2.737	8262	1287		10	151.3635	TCE
		TOTAL	24011	8224			162.6975	

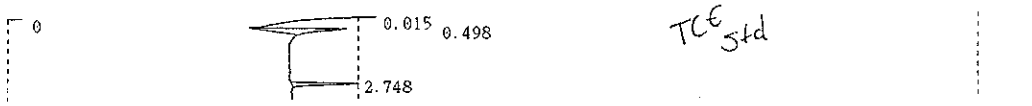
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTG.C47 02/01/24 14:39:24



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.037	189	52				
	2	0.508	1173	190				
	3	0.93	229	65		3	1.1465	1,1-DCE
	4	2.787	721	135		10	13.2032	TCE
		TOTAL	2311	441			14.3497	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTG.C48 02/01/24 16:23:22



** CALCULATION REPORT **

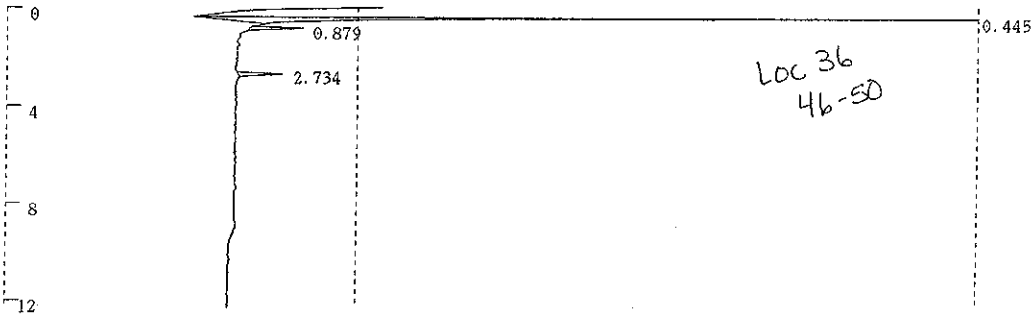
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	72	33				
	2	0.498	1666	195				
	3	2.748	879	153		10	16.1106	TCE
		TOTAL	2618	381			16.1106	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTG.C49 02/01/24 16:38:40

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.498	1506	181				
	2	2.747	1188	204		10	21.7605	TCE
		TOTAL	2693	385			21.7605	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTG.C50 02/01/24 16:43:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.445	12338	5359				
	2	0.879	592	120		3	2.961	1,1-DCE
	3	2.734	626	99		10	11.4756	TCE

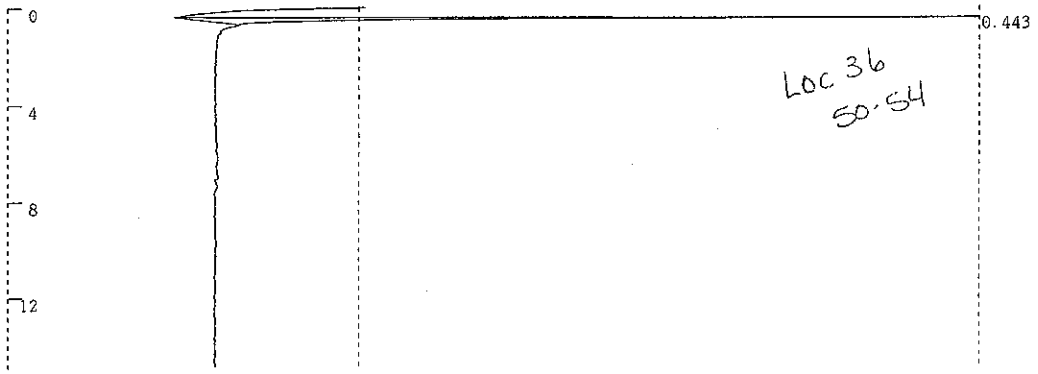
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTG.C51 02/01/24 16:56:54

Loc 36
46-50
dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.021	49	22				
	2	0.482	1306	206				
	3	0.907	60	21		3	0.301	1,1-DCE
	4	2.758	77	14		10	1.4125	TCE
	TOTAL		1493	263			1.7135	

C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTG.C52 02/01/24 17:06:03

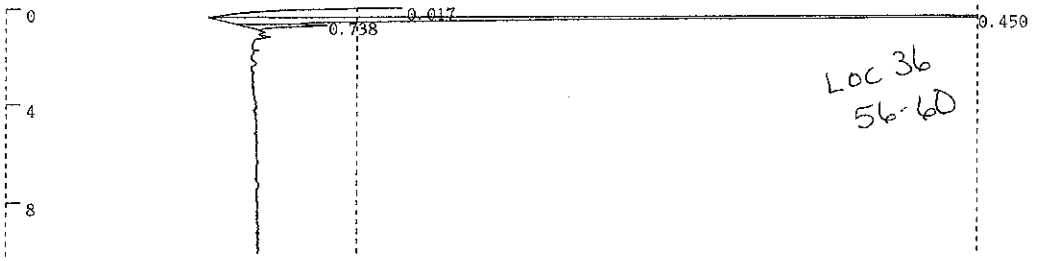


Loc 36
50-54

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.443	13142	5104				
	TOTAL		13142	5104			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTG.C53 02/01/24 17:55:33



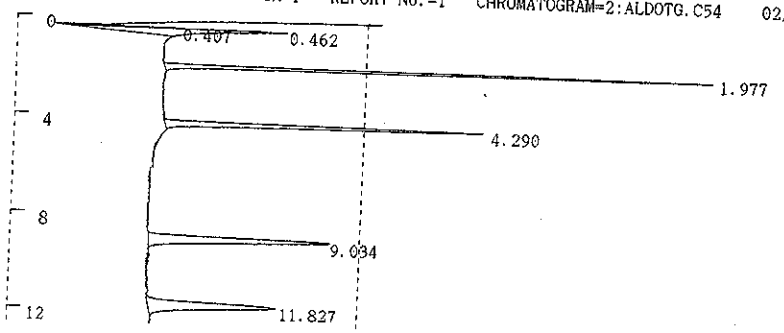
Loc 36
56-60

0511

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	198	81				
	2	0.45	28696	7974				
	3	0.738	1466	194	V			
	TOTAL		30360	8249			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTG.C54 02/01/25 08:21:11

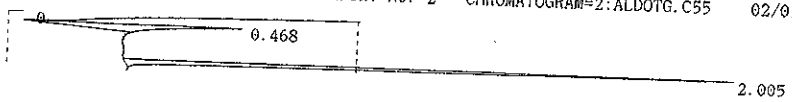


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.407	402	251				
	2	0.462	4272	471	V			
	3	1.977	6808	1249				
	4	4.29	5770	729				
	5	9.034	5682	410				
	6	11.827	5004	292				
		TOTAL	27938	3401			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTG.C55 02/01/25 08:42:28

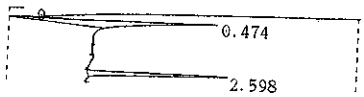


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.468	4204	444				
	2	2.005	8378	1388				
		TOTAL	12582	1831			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTG.C56 02/01/25 08:56:00

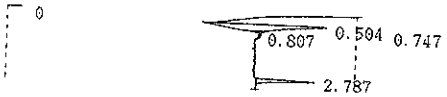


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.474	4093	434				
	2	2.598	2117	317				
		TOTAL	6210	752			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTG.C57 02/01/25 09:00:32

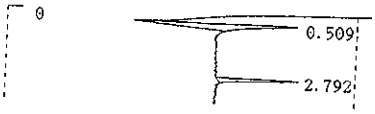


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.504	2566	265				
	2	0.747	86	45	V			
	3	0.807	73	19	V			
	4	2.787	830	136		10	15.2038	TCE
		TOTAL	3555	464			15.2038	

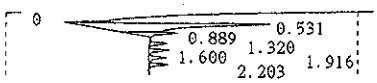
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTG.C58 02/01/25 09:04:57



TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.509	2895	325				
	2	2.792	1125	185		10	20.6118	TCE
		TOTAL	4020	510			20.6118	

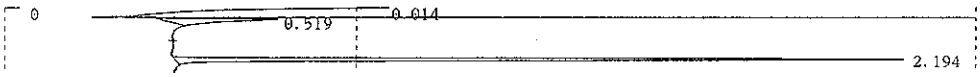


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.531	5272	432				
	2	0.889	842	109	V	3	4.208	1,1-DCE
	3	1.32	248	40		5	1.2385	1,1-DCA
	4	1.6	279	45		6	1.5914	C-DCE
	5	1.916	268	38	V	7	2.092	TCA
	6	2.203	275	43	V	8		1,2-DCA
		TOTAL	7183	707			9.1299	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTG.C60 02/01/25 09:32:04

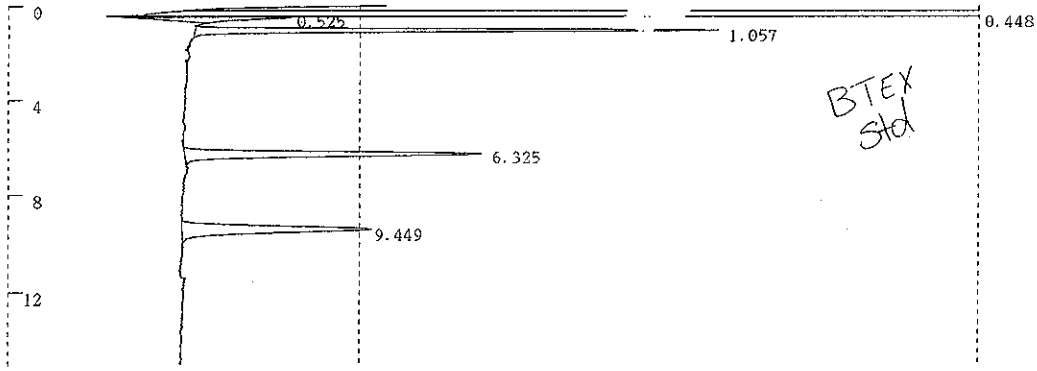


BTEX std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	140	61				
	2	0.519	2074	266				
	3	2.194	10852	1649		8		1,2-DCA
		TOTAL	13066	1975			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTG.C61 02/01/25 09:35:44

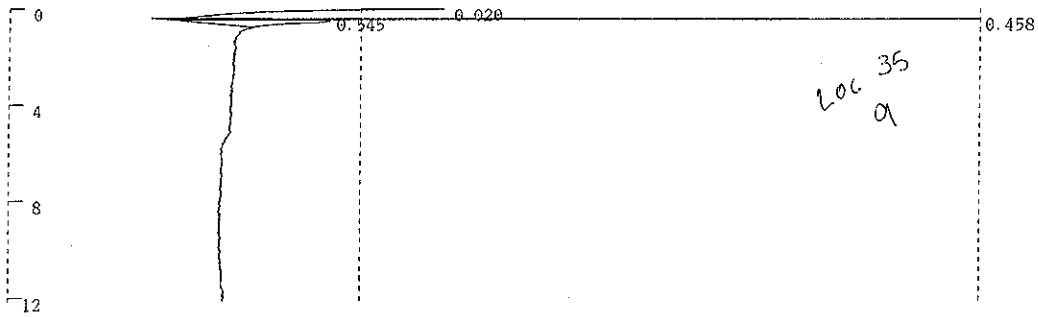


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.448	4868	3460				
	2	0.525	2556	346	V			
	3	1.057	10655	1187				
	4	6.325	9808	673				
	5	9.449	8064	431		14	16.3856	EBZ
		TOTAL	35951	6096			16.3856	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTG.C62 02/01/25 09:57:17

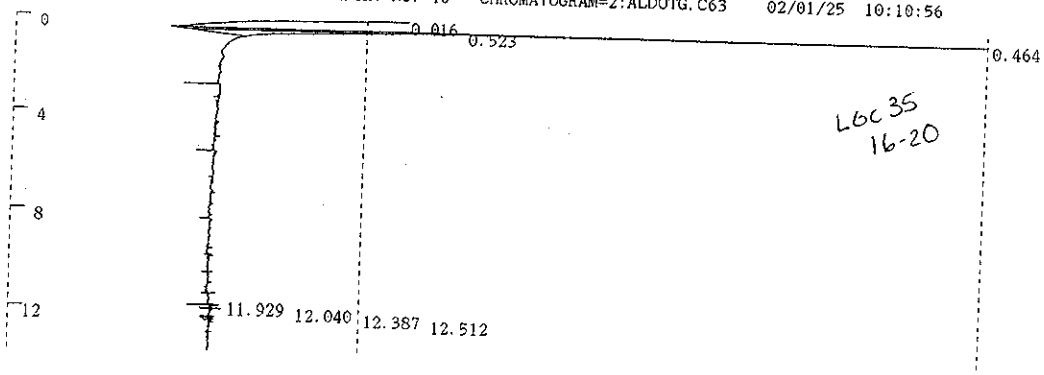


Loc 35 9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.02	379	145				
	2	0.458	4789	2715				
	3	0.545	3136	325	V			
		TOTAL	8304	3184			0	

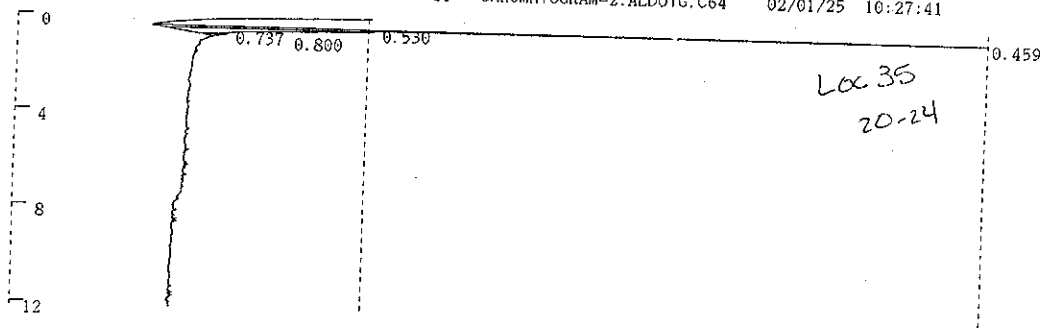
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTG.C63 02/01/25 10:10:56



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	190	77				
	2	0.464	6665	3133				
	3	0.523	2763	470	V			
	4	11.929	30	54				
	6	12.04	23	23				
	8	12.387	36	31		16	0.088	O-XYL
	10	12.512	103	22	V	16	0.2521	O-XYL
		TOTAL	9811	3810			0.3401	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTG.C64 02/01/25 10:27:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.459	6086	2654				
	3	0.53	2942	466	V			
	4	0.737	124	61	V			
	5	0.8	97	19	V			
		TOTAL	9249	3200			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

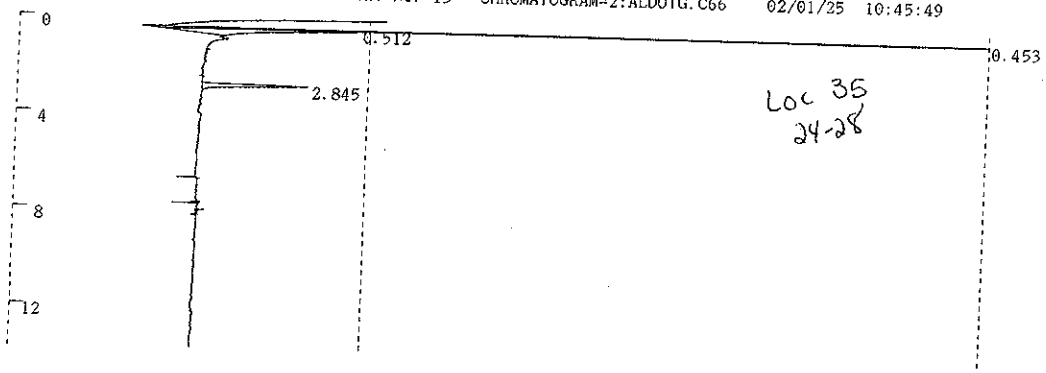
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTG.C65 02/01/25 10:41:27

error

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

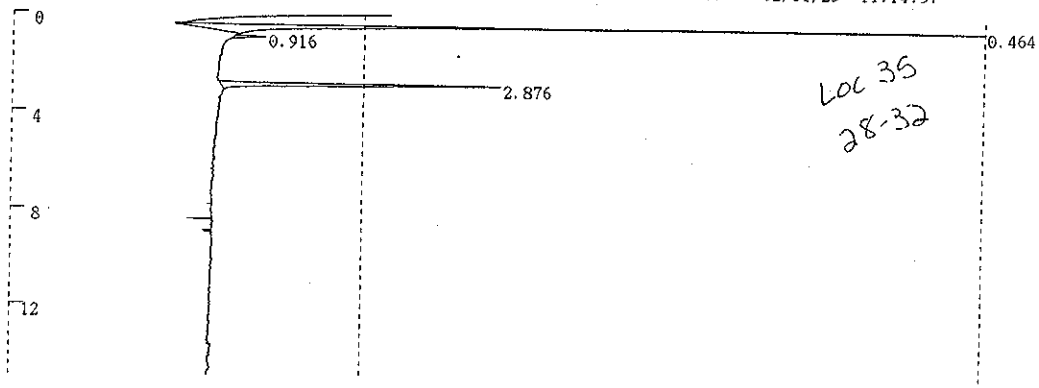
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTG.C66 02/01/25 10:45:49



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.453	8023	4147				
	2	0.512	2848	432	V			
	3	2.845	1595	240		10	29.2204	TCE
		TOTAL	12466	4819			29.2204	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTG.C67 02/01/25 11:14:57

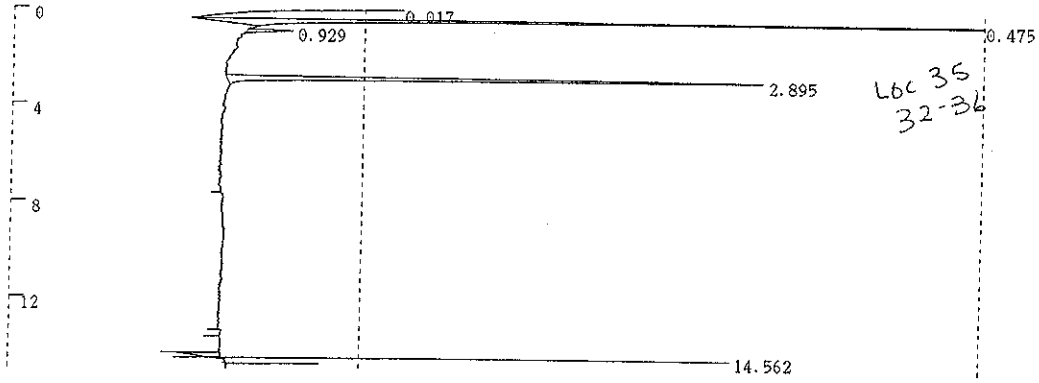


0.56

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.464	13104	5217				
	2	0.916	344	73		3	1.718	1,1-DCE
	3	2.876	4113	635		10	75.3538	TCE
		TOTAL	17561	5924			77.0718	

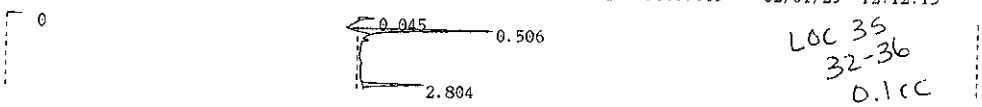
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTG.C68 02/01/25 11:37:12



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	180	73				
	2	0.475	13347	4506				
	3	0.929	527	103		3	2.6325	1,1-DCE
	4	2.895	8018	1210		10	146.8824	TCE
	5	14.562	1354	800				
		TOTAL	23425	6693			149.5149	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTG.C69 02/01/25 12:12:13

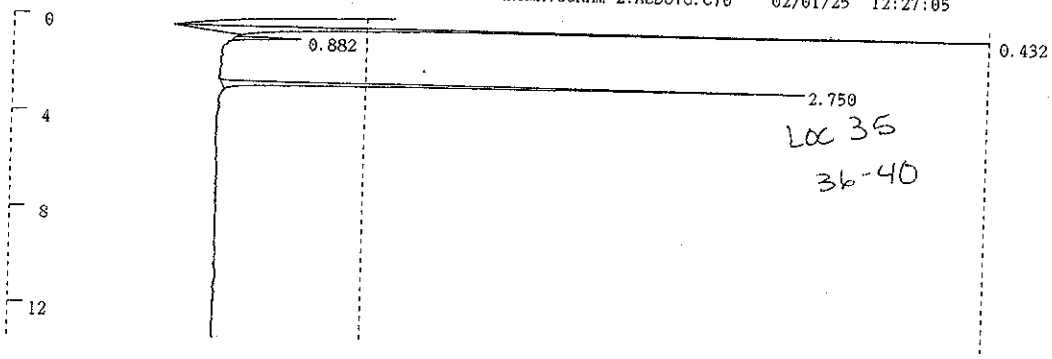


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.045	120	33				
	2	0.506	1861	317				
	3	2.804	771	137		10	14.1284	TCE
		TOTAL	2752	487			14.1284	

Directory full

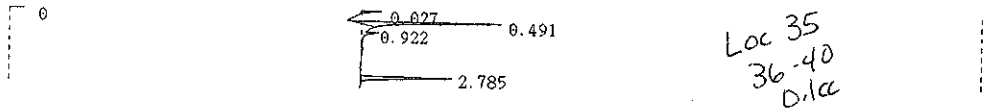
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTG.C70 02/01/25 12:27:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.432	29111	25176				
	2	0.882	734	153		3	3.67	1,1-DCE
	3	2.75	8313	1321		10	152.2996	TCE
		TOTAL	38159	26650			155.9696	

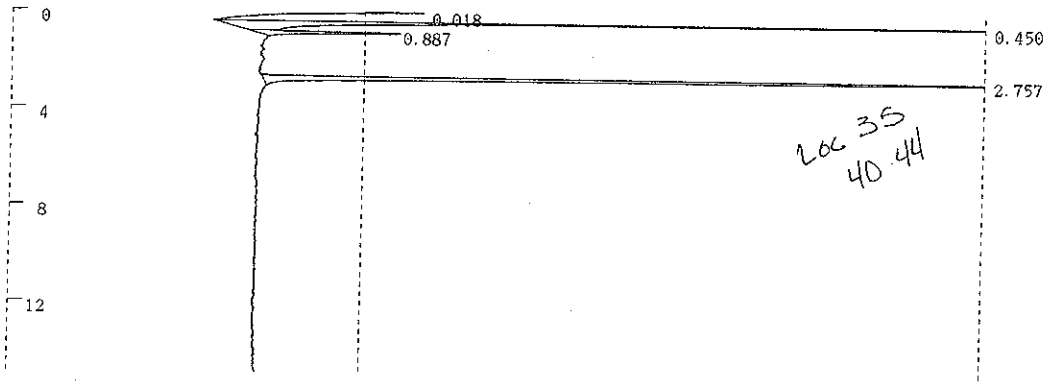
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTG.C71 02/01/25 12:42:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	C.	NAME
1	1	0.027	106	35				
	2	0.491	1793	325				
	3	0.922	89	27		3	0.4445	1,1-DCE
	4	2.785	1087	207		10	19.9047	TCE
		TOTAL	3074	594			20.3492	

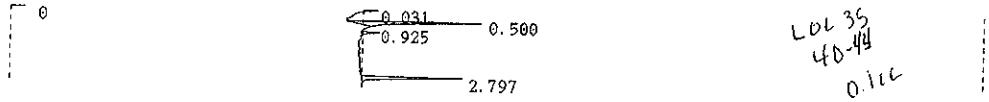
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTG.C72 02/01/25 12:46:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.018	254	101				
	2	0.45	20839	10067				
	3	0.887	1843	327	V	3	9.2135	1,1-DCE
	4	2.757	13181	2106		10	241.4741	TCE
		TOTAL	36117	12600			250.6875	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTG.C73 02/01/25 13:17:11



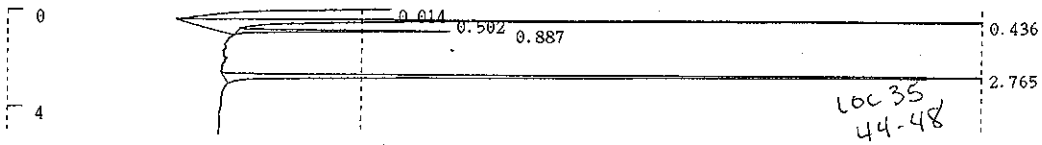
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.031	79	28				
	2	0.5	1531	291				
	3	0.925	153	42		3	0.7655	1,1-DCE
	4	2.797	1235	228		10	22.6252	TCE
		TOTAL	2998	589			23.3907	

057

058

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTG.C74 02/01/25 13:22:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.014	121	54				
	2	0.436	24381	10836	S			
	3	0.502	76	41	T			
	4	0.887	2323	484	T	3	11.614	1,1-DCE
	5	2.765	13088	2080		10	239.763	TCE
		TOTAL	39988	13495			251.377	

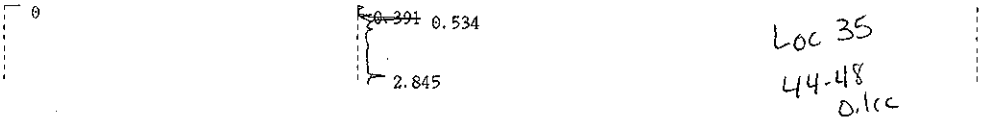
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTG.C75 02/01/25 13:28:32

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

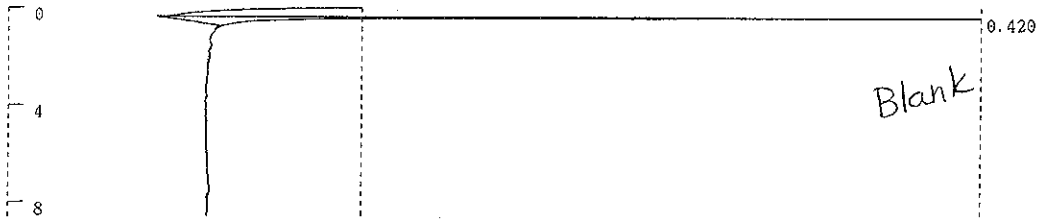
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTG.C76 02/01/25 13:31:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.391	82	31				
	2	0.534	634	130				
	3	2.845	164	32		10	2.999	TCE
		TOTAL	880	193			2.999	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTG.C77 02/01/25 13:35:48



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.42	22736	12376				
		TOTAL	22736	12376			0	

Log Sheet

Boring ID	Date	Time	Depth	PES ID	matrix	comments
Blank	2/21/02	10:00		ALDOTH.C01	gas	1cc
TCE std	2/21/02	10:31		.C02	gas	1cc 10ppm
DCE std	2/21/02	10:37		.C03	gas	1cc 1ppm
BTEX std	2/21/02	10:52		.C04	gas	1cc 10ppm
Loc 14R	2/21/02	11:12	24-28	.C05	water	1cc
Loc 14R	2/21/02	11:29	24-28	.C06	water	10uL
Loc 14R	2/21/02	11:38	28-32	.C07	water	1cc
Loc 14R	2/21/02	12:46	28-32	.C08	water	10uL
Loc 14R	2/21/02	13:00	32-36	.C09	water	1cc
Loc 14R	2/21/02	13:16	32-36	.C10	water	0.1cc
Loc 14R	2/21/02	13:21	36-40	.C11	water	1cc
Loc 14R	2/21/02	13:35	40-44	.C12	water	1cc
Loc 14R	2/21/02	13:51	44-48	.C13	water	1cc
TCE std	2/21/02	14:06		.C14	gas	1cc 10ppm
Loc 14R	2/21/02	14:15	48-52	.C15	water	1cc
Loc 14R	2/21/02	14:37	52-56	.C16	water	1cc
CMT-1	2/21/02	14:51	Port 3	.C17	water	1cc
CMT-1	2/21/02	15:07	Port 3	.C18	water	10uL
CMT-1	2/21/02	15:12	Port 5	.C19	water	1cc
CMT-1	2/21/02	15:28	Port 5	.C20	water	10uL
DCE std	2/21/02	15:31		.C21	gas	1cc 1ppm
Loc 23R	2/21/02	15:36	23-27	.C22	water	1cc
Loc 23R	2/21/02	16:00	23-27	.C23	water	0.1cc
Loc 23R	2/21/02	16:06	27-31	.C24	water	1cc
Loc 23R	2/21/02	16:22	27-31	.C25	water	10uL
Loc 23R dup	2/21/02	16:27	27-31	.C26	water	10uL
Loc 23R dup	2/21/02	16:32	27-31	.C27	water	1cc
Loc 23R	2/21/02	16:38	31-35	.C28	water	1cc
Loc 23R	2/21/02	16:53	31-35	.C29	water	10uL
Loc 23R	2/21/02	17:00	35-39	.C30	water	1cc
TCE std	2/21/02	17:18		.C31	gas	1cc 10ppm
TCE std	2/21/02	17:26		.C32	gas	1cc 10ppm
DCE std	2/21/02	17:36		.C33	gas	1cc 1ppm
Blank	2/25/02	19:48		.C34	gas	1cc
DCE std	2/25/02	20:03		.C35	gas	1cc 1ppm
DCE std	2/25/02	20:14		.C36	gas	1cc 1ppm
DCE std	2/25/02	20:21		.C37	gas	1cc 1ppm
TCE std	2/25/02	20:40		.C38	gas	1cc 10ppm
TCE std	2/25/02	20:45		.C39	gas	1cc 10ppm
DCE std	2/25/02	20:50		.C40	gas	1cc 1ppm
Blank	2/26/02	7:49		.C41	gas	1cc
TCE std	2/26/02	14:10		.C42	gas	1cc 10ppm
TCE std	2/26/02	14:14		.C43	gas	0.7cc 10ppm
TCE std	2/26/02	14:20		.C44	gas	0.5cc 10ppm
TCE std	2/26/02	14:32		.C45	gas	0.7cc 10ppm
TCE std	2/26/02	14:36		.C46	gas	0.5cc 10ppm
TCE std	2/26/02	14:41		.C47	gas	0.5cc 10ppm
DCE std	2/26/02	14:46		.C48	gas	1cc 1ppm
DCE std	2/26/02	15:02		.C49	gas	1cc 1ppm
DCE std	2/26/02	15:17		.C50	gas	1cc 1ppm

BTEX std	2/26/02	15:29	.C51	gas	1cc 1ppm
BTEX std	2/26/02	15:46	.C52	gas	1cc 1ppm
Blank	2/26/02	16:00	.C53	gas	1cc
Loc 23R	2/26/02	16:15 40-44	.C54	water	1cc
Loc 23R	2/26/02	16:31 44-48	.C55	water	1cc
Loc 23R	2/26/02	16:46 48-52	.C56	water	1cc
Loc 23R	2/26/02	17:00 52-56	.C57	water	1cc
Loc 23R	2/26/02	17:13 56-60	.C58	water	1cc
error	2/26/02		.C59		
TCE std	2/26/02	19:11	.C60	gas	1cc 10ppm
Loc 23R	2/26/02	19:16 60-64	.C61	water	1cc
Loc 30R	2/26/02	19:30 18-22	.C62	water	1cc
Loc 30R	2/26/02	19:46 22-26	.C63	water	1cc
Loc 30R	2/26/02	20:06 22-26	.C64	water	0.1cc
Loc 30R	2/26/02	20:12 26-28	.C65	water	1cc
Loc 30R	2/26/02	20:27 26-28	.C66	water	0.1cc
Loc 30R	2/26/02	20:33 32-36	.C67	water	1cc
Loc 30R	2/26/02	20:48 32-36	.C68	water	0.1cc
Loc 30R	2/26/02	20:53 36-40	.C69	water	1cc
Loc 30R	2/26/02	21:07 36-40	.C70	water	0.1cc
Loc 30R dup	2/26/02	21:18 36-40	.C71	water	0.1cc
DCE std	2/26/02	21:29	.C72	gas	1cc 1ppm
TCE std	2/26/02	21:39	.C73	gas	1cc 10ppm
Loc 30R	2/26/02	21:44 40-44	.C74	water	1cc
Loc 30R	2/26/02	22:00 40-44	.C75	water	0.1cc
Loc 30R	2/26/02	22:03 40-44	.C76	water	0.1cc
Loc 37	2/26/02	22:08 18-22	.C77	water	1cc
Loc 37	2/26/02	22:23 22-26	.C78	water	1cc
TCE std	2/26/02	22:37	.C79	gas	1cc 10ppm
Blank	2/27/02	8:20	ALDOTI.C01	gas	1cc
Blank	2/27/02	9:37	.C02	gas	1cc
TCE std	2/27/02	9:53	.C03	gas	1cc 10ppm
TCE std	2/27/02	9:58	.C04	gas	1cc 10ppm
DCE std	2/27/02	10:02	.C05	gas	1cc 1ppm
DCE std	2/27/02	10:12	.C06	gas	1cc 1ppm
BTEX std	2/27/02	10:21	.C07	gas	1cc 1ppm
Loc 37	2/27/02	10:37 26-30	.C08	water	1cc
Loc 37	2/27/02	10:52 26-30	.C09	water	0.1cc
Loc 37	2/27/02	10:57 26-30	.C10	water	0.5cc
Loc 37	2/27/02	11:03 30-34	.C11	water	1cc
Loc 37	2/27/02	11:18 30-34	.C12	water	0.1cc
Loc 37	2/27/02	11:23 34-38	.C13	water	1cc
Loc 37	2/27/02	11:29 34-38	.C14	water	1cc
Loc 37	2/27/02	11:46 34-38	.C15	water	0.1cc
Loc 37	2/27/02	11:51 38-42	.C16	water	1cc
Loc 37	2/27/02	12:12 38-42	.C17	water	0.5cc
DCE std	2/27/02	12:16	.C18	gas	1cc 1ppm
TCE std	2/27/02	12:25	.C19	gas	1cc 10ppm
TCE std	2/27/02	12:35	.C20	gas	1cc 10ppm
Loc 29R	2/27/02	12:40 25-29	.C21	water	1cc
Loc 29R	2/27/02	13:06 29-33	.C22	water	1cc
Loc 29R	2/27/02	13:26 29-33	.C23	water	0.5cc

Loc 29R	2/27/02	13:31	33-37		.C24	water 1cc
Loc 29R	2/27/02	13:46	33-37		.C25	water 0.1cc
Loc 29R	2/27/02	13:51	33-37		.C26	water 0.1cc
Loc 29R	2/27/02	14:03	37-41		.C27	water 1cc
Loc 29R	2/27/02	14:18	37-41		.C28	water 0.1cc
Loc 29R	2/27/02	14:24	41-45		.C29	water 1cc
Loc 29R	2/27/02	14:38	41-45		.C30	water 0.1cc
Loc 29R	2/27/02	14:41	45-49		.C31	water 1cc
Loc 29R dup	2/27/02	14:56	45-49		.C32	water 1cc
Loc 29R	2/27/02	15:01	45-49		.C33	water 0.1cc
Loc 29R	2/27/02	15:06	45-49		.C34	water 10uL
Loc 29R dup	2/27/02	15:10	45-49		.C35	water 10uL
TCE std	2/27/02	15:13			.C36	gas 1cc 10ppm
Loc 29R	2/27/02	15:17	49-53		.C37	water 1cc
Loc 29R	2/27/02	15:32	49-53		.C38	water 0.1cc
Loc 29R	2/27/02	15:35	53-57		.C39	water 1cc
Loc 29R	2/27/02	15:50	53-57		.C40	water 0.1cc
Loc 29R	2/27/02	15:53	56-60		.C41	water 1cc
Loc 37	2/27/02	16:15		9	.C42	soil 1cc 3.90g
Loc 39	2/27/02	16:29		9	.C43	soil 1cc 2.98g
TCE std	2/27/02	18:32			.C44	gas 1cc 10ppm
TCE std	2/27/02	18:40			.C45	gas 1cc 10ppm
Loc 39	2/27/02	18:45	12-16'		.C46	water 1cc
Loc 39	2/27/02	18:59	16-20		.C47	water 1cc
Loc 39	2/27/02	19:15	16-20		.C48	water 0.1cc
Loc 39	2/27/02	19:20	20-24		.C49	water 1cc
Loc 39	2/27/02	20:03	20-24		.C50	water 0.1cc
Loc 39	2/27/02	20:12	24-28		.C51	water 1cc
Loc 39	2/27/02	20:26	24-28		.C52	water 0.1cc
Loc 39	2/27/02	20:34	28-32		.C53	water 1cc
TCE std	3/5/02	10:03				gas 1cc 10ppm
DCE std	3/5/02	11:12				gas 1cc 1ppm
BTEX std	3/5/02	13:09				gas 1cc 1ppm
Blank	3/5/02	13:33				gas 1cc
Loc 25R	3/5/02	13:50	28-32		ALDOTJ.C01	water 1cc
Loc 25R	3/5/02	14:10	32-36		.C02	water 1cc
Loc 25R	3/5/02	14:27	36-40		.C03	water 1cc
Loc 25R	3/5/02	14:42	40-44		.C04	water 1cc
Loc 25R	3/5/02	15:08	36-40		.C05	water 1cc
Loc 25R	3/5/02	15:17	44-48		.C06	water 1cc
Loc 25R	3/5/02	15:34	58-62		.C07	water 1cc
Loc 25R	3/5/02	15:49	52-56		.C08	water 1cc
Loc 25R	3/5/02	16:04	48-52		.C09	water 1cc
TCE std	3/5/02	16:19			.C10	gas 1cc 10ppm
DCE std	3/5/02	16:30			.C11	gas 1cc 1ppm
Blank	3/5/02	16:39			.C12	gas 1cc
DCE std	3/6/02	9:10			.C13	gas 1cc 1ppm
TCE std	3/6/02	9:25			.C14	gas 1cc 10ppm
BTEX std	3/6/02	9:32			.C15	gas 1cc 1ppm
Blank	3/6/02	9:54			.C16	gas 1cc
Loc 24R	3/6/02	10:27	26-30		.C17	water 1cc
Loc 24R	3/6/02	10:48	26-30		.C18	water 10uL

Loc 24R	3/6/02	11:03	30-34	.C19	water	1cc
Loc 24R	3/6/02	11:18	34-38	.C20	water	1cc
Loc 24R	3/6/02	12:50	38-42	.C21	water	1cc
Loc 24R	3/6/02	13:04	42-46	.C22	water	1cc
Loc 24R	3/6/02	13:20	46-50	.C23	water	1cc
Loc 24R	3/6/02	13:36	54-58	.C24	water	1cc
Loc 24R	3/6/02	13:52	58-62	.C25	water	1cc
Loc 24R	3/6/02	14:07	50-54	.C26	water	1cc
Loc 24R	3/6/02	14:40	54-58	.C27	water	1cc
TCE std	3/6/02	14:44		.C28	gas	1cc 10ppm
Blank	3/6/02	14:58		.C29	gas	1cc
DCE std	3/6/02	15:12		.C30	gas	1cc 1ppm
Blank	3/8/02	10:33		.C31	gas	1cc
TCE std	3/8/02	10:48		.C32	gas	1cc 10ppm
TCE std	3/8/02	10:52		.C33	gas	1cc 10ppm
TCE std	3/8/02	11:00		.C34	gas	1cc 10ppm
DCE std	3/8/02	11:07		.C35	gas	1cc 1ppm
DCE std	3/8/02	11:15		.C36	gas	1cc 1ppm
BTEX std	3/8/02	12:19		.C37	gas	1cc 1ppm
Loc 40	3/8/02	12:43	28-32	.C38	water	1cc
Loc 40	3/8/02	12:58	32-36	.C39	water	1cc
Loc 40	3/8/02	13:13	32-36	.C40	water	0.1cc
Loc 40 dup	3/8/02	13:18	28-32	.C41	water	1cc
Loc 40	3/8/02	13:22	36-40	.C42	water	1cc
Loc 40	3/8/02	13:39	36-40	.C43	water	10uL
Loc 40	3/8/02	13:43	40-44	.C44	water	1cc
Loc 40	3/8/02	13:59	40-44	.C45	water	10uL
Loc 40	3/8/02	14:07	44-48	.C46	water	1cc
Loc 40	3/8/02	14:22	44-48	.C47	water	0.1cc
Loc 40	3/8/02	14:28	52-56	.C48	water	1cc
Loc 40	3/8/02	14:47	52-56	.C49	water	0.1cc
Loc 40	3/8/02	14:50	48-52	.C50	water	1cc
Loc 40	3/8/02	15:06	48-52	.C51	water	0.1cc
TCE std	3/8/02	15:10		.C52	gas	1cc 10ppm
Blank	3/8/02	15:15		.C53	gas	1cc
TCE std	3/13/02	8:20		.C54	gas	1cc 10ppm
DCE std	3/13/02	8:26		.C55	gas	1cc 1ppm
DCE std	3/13/02	8:37		.C56	gas	1cc 1ppm
BTEX std	3/13/02	8:49		.C57	gas	1cc
Blank	3/13/02	9:11		.C58	gas	1cc
Loc 40	3/13/02	9:27		9 .C59	soil	1cc 4.53g
Loc 41	3/13/02	9:46		9 .C60	soil	1cc 4.78g
Loc 41	3/13/02	10:07	20-24	.C61	water	1cc
Loc 41	3/13/02	10:22	24-28	.C62	water	1cc
Loc 41	3/13/02	10:37	28-32	.C63	water	1cc
Loc 41	3/13/02	10:52	28-32	.C64	water	0.1cc
Loc 41	3/13/02	10:58	32-36	.C65	water	1cc
Loc 41	3/13/02	11:13	32-36	.C66	water	0.1cc
error	3/13/02			.C67		
Loc 41 dup	3/13/02	12:41	28-32	.C68	water	0.1cc
Loc 41	3/13/02	12:46	36-40	.C69	water	1cc
Loc 41	3/13/02	13:01	36-40	.C70	water	0.1cc

Loc 41	3/13/02	13:06	40-44		.C71	water	1cc
Loc 41	3/13/02	13:26	40-44		.C72	water	10uL
Loc 41	3/13/02	13:31	44-48		.C73	water	1cc
Loc 41	3/13/02	13:50	44-48		.C74	water	10uL
TCE std	3/13/02	13:55			.C75	gas	1cc 10ppm
Blank	3/13/02	14:00			.C76	gas	1cc
Loc 41	3/13/02	14:16	48-52		.C77	water	1cc
Loc 41	3/13/02	14:34	48-52		.C78	water	0.1cc
Loc 41	3/13/02	14:48	52-56		.C79	water	1cc
Loc 41	3/13/02	15:19	56-60		.C80	water	1cc
TCE std	3/13/02	15:43			.C81	gas	1cc 10ppm
TCE std	3/13/02	15:49			.C82	gas	1cc 10ppm
TCE std	3/13/02	16:09			.C83	gas	1cc 10ppm
Blank	3/13/02	16:13			.C84	gas	1cc
TCE std	3/15/02	8:23			.C85	gas	1cc 10ppm
BTEX std	3/15/02	8:30			.C86	gas	1cc 1ppm
DCE std	3/15/02	8:58			.C87	gas	1cc 1ppm
Blank	3/15/02	9:09			.C88	gas	1cc
Loc 43	3/15/02	9:24		9	.C89	soil	1cc 5.75g
Loc 43	3/15/02	9:40	28-32		.C90	water	1cc
Loc 43	3/15/02	9:55	32-36		.C91	water	1cc
Loc 43	3/15/02	10:10	32-36		.C92	water	0.1cc
Loc 43	3/15/02	10:16	36-40		.C93	water	1cc
Loc 43	3/15/02	10:36	36-40		.C94	water	0.1cc
Loc 43 dup	3/15/02	10:40	32-36		.C95	water	0.1cc
Loc 43	3/15/02	10:47	40-44		.C96	water	1cc
Loc 43	3/15/02	11:02	40-44		.C97	water	0.2cc
Loc 43	3/15/02	11:07	44-48		.C98	water	1cc
Loc 43	3/15/02	11:21	44-48		.C99	water	0.1cc
Loc 43	3/15/02	11:31	46-50		ALDOTK.C01	water	1cc
Loc 43	3/15/02	11:47	46-50		.C02	water	0.1cc
Loc 43	3/15/02	11:54	54-58		.C03	water	1cc
Loc 43	3/15/02	12:08	54-58		.C04	water	0.2cc
Loc 43	3/15/02	12:14	50-54		.C05	water	1cc
TCE std	3/15/02	12:31			.C06	gas	1cc 10ppm
TCE std	3/15/02	12:35			.C07	gas	1cc 10ppm
Blank	3/15/02	12:40			.C08	gas	1cc
DCE std	3/19/02	9:34			.C09	gas	1cc 1ppm
TCE std	3/19/02	9:48			.C10	gas	1cc 10ppm
TCE std	3/19/02	9:58			.C11	gas	1cc 10ppm
DCE std	3/19/02	10:04			.C12	gas	1cc 1ppm
Blank	3/19/02	10:29			.C13	gas	1cc
SVPH-1	3/19/02	10:46		0.5	.C14	soil	1cc 3.98g
TCE std	3/19/02	11:00			.C15	gas	1cc 10ppm
SVPH-1	3/19/02	11:05		0.5	.C16	soil	0.5cc 3.98g
Loc 43	3/19/02	11:17		9	.C17	soil	1cc 5.89g
SVPH-1	3/19/02	11:32		1.5	.C18	soil	1cc 5.36g
SVPH-1	3/19/02	11:41		1.5	.C19	soil	0.1cc 5.36g
SVPH-1	3/19/02	11:57		2.5	.C20	soil	1cc 3.87g
SVPH-1	3/19/02	13:59		3.5	.C21	soil	1cc 4.86g
SVPH-1	3/19/02	14:12		3.5	.C22	soil	0.5cc 4.86g
SVPH-1	3/19/02	14:18		4.5	.C23	soil	1cc 4.62g

SVPH-1	3/19/02	14:28	24-28		.C24	water	1cc
SVPH-3	3/19/02	14:36		0.5	.C25	soil	1cc 1.63g
Blank	3/19/02	14:51			.C26	gas	1cc
TCE std	3/19/02	14:59			.C27	gas	1cc 10ppm
SVPH-3	3/19/02	15:06		1.5	.C28	soil	1cc 1.85g
SVPH-3	3/19/02	15:18		1.5	.C29	soil	0.5cc 1.85g
SVPH-3	3/19/02	15:22		2.5	.C30	soil	1cc 2.06g
SVPH-3	3/19/02	15:35		3.5	.C31	soil	1cc 2.08g
SVPH-3	3/19/02	15:44		4.5	.C32	soil	1cc 1.95g
SVPH-3	3/19/02	15:53	28-32		.C33	water	1cc
SVPH-3	3/19/02	16:15	28-32		.C34	water	0.2cc
DCE std	3/19/02	17:05			.C35	gas	1cc 1ppm
DCE std	3/19/02	17:14			.C36	gas	1cc 1ppm
Blank	3/19/02	17:20			.C37	gas	1cc
DCE std	3/20/02	14:52			.C38	gas	1cc 1ppm
TCE std	3/20/02	15:27			.C39	gas	1cc 10ppm
Blank	3/20/02	15:32			.C40	gas	1cc
SVPH-4	3/20/02	15:40		0.5	.C41	soil	1cc 2.62g
SVPH-4	3/20/02	15:47		1.5	.C42	soil	1cc 3.05g
SVPH-4	3/20/02	15:55		2.5	.C43	soil	1cc 3.19g
SVPH-4	3/20/02	16:04		3.5	.C44	soil	1cc 2.46g
SVPH-4	3/20/02	16:11		4.5	.C45	soil	1cc 2.90g
SVPH-4	3/20/02	16:27	27-31		.C46	water	1cc
SVPH-4	3/20/02	16:42	27-31		.C47	water	0.1cc
Blank	3/20/02	16:46			.C48	gas	1cc
DCE std	3/20/02	16:55			.C49	gas	1cc 1ppm
TCE std	3/21/02	8:06			.C50	gas	1cc 10ppm
DCE std	3/21/02	8:12			.C51	gas	1cc 1ppm
BTEX std	3/21/02	8:27			.C52	gas	1cc 1ppm
Blank	3/21/02	8:44			.C53	gas	1cc
Loc 42	3/21/02	8:59	20-24		.C54	water	1cc
Loc 42	3/21/02	9:17	20-24		.C55	water	0.1cc
Loc 42	3/21/02	9:22	24-28		.C56	water	1cc
Loc 42	3/21/02	9:41	24-28		.C57	water	10uL
Loc 42	3/21/02	9:45	28-32		.C58	water	1cc
Loc 42	3/21/02	10:00	28-32		.C59	water	0.1cc
Loc 42	3/21/02	10:06	32-36		.C60	water	1cc
Loc 42	3/21/02	10:27	32-36		.C61	water	0.2cc
Loc 42	3/21/02	10:32	36-40		.C62	water	1cc
Loc 42	3/21/02	10:51	36-40		.C63	water	0.1cc
Loc 42	3/21/02	11:00	40-44		.C64	water	1cc
Loc 42	3/21/02	11:18	40-44		.C65	water	0.2cc
Loc 42	3/21/02	11:22	44-48		.C66	water	1cc
Loc 42 dup	3/21/02	11:44	44-48		.C67	water	1cc
Blank	3/21/02	11:55			.C68	gas	1cc
DCE std	3/21/02	12:54			.C69	gas	1cc 1ppm
Loc 42	3/21/02	13:17	48-52		.C70	water	1cc
Loc 42	3/21/02	13:58	48-52		.C71	water	0.1cc
Loc 42	3/21/02	14:04	52-56		.C72	water	1cc
Loc 42	3/21/02	14:20	52-56		.C73	water	0.1cc
Loc 42	3/21/02	14:25	56-60		.C74	water	1cc
Loc 42	3/21/02	14:42	56-60		.C75	water	0.2cc

Loc 42	3/21/02	14:46	60-64	.C76	water	1cc
Loc 42	3/21/02	15:01	64-68	.C77	water	1cc
Loc 44	3/21/02	15:16		9 .C78	soil	1cc 3.44g
TCE std	3/21/02	15:42		.C79	gas	1cc 10ppm
Blank	3/21/02	15:47		.C80	gas	1cc
TCE std	3/22/02	8:30		.C81	gas	1cc 10ppm
DCE std	3/22/02	8:36		.C82	gas	1cc 1ppm
DCE std	3/22/02	8:51		.C83	gas	1cc 1ppm
BTEX std	3/22/02	9:33		.C84	gas	1cc 1ppm
BTEX std	3/22/02	9:58		.C85	gas	1cc 1ppm
Blank	3/22/02	10:17		.C86	gas	1cc
Loc 44	3/22/02	10:33	20-24	.C87	water	1cc
Loc 44	3/22/02	10:47	24-28	.C88	water	1cc
Loc 44	3/22/02	11:06	28-32	.C89	water	1cc
Loc 44	3/22/02	12:24	32-36	.C90	water	1cc
Loc 44	3/22/02	12:37	32-36	.C91	water	0.5cc
Loc 44	3/22/02	12:42	36-40	.C92	water	1cc
Loc 44	3/22/02	12:58	36-40	.C93	water	0.1cc
Loc 44	3/22/02	13:04	40-44	.C94	water	1cc
Loc 44	3/22/02	13:17	40-44	.C95	water	0.1cc
Loc 44	3/22/02	13:25	44-48	.C96	water	1cc
Loc 44	3/22/02	13:50	44-48	.C97	water	0.1cc
TCE std	3/22/02	13:55		.C98	gas	1cc 10ppm
Blank	3/22/02	14:00		.C99	gas	1cc
Loc 45	3/26/02	17:56		9 VAPOR.C83	soil	1cc 4.80g
TCE std	4/1/02	12:45		ALDOTL.C01	gas	1cc 10ppm
DCE std	4/1/02	12:51		.C02	gas	1cc 1ppm
BTEX std	4/1/02	13:03		.C03	gas	1cc 1ppm
Blank	4/1/02	13:35		.C04	gas	1cc
Loc 45	4/1/02	13:49	20-24	.C05	water	1cc
Loc 45	4/1/02	14:03	20-24	.C06	water	0.2cc
Loc 45	4/1/02	14:08	24-28	.C07	water	1cc
Loc 45	4/1/02	14:30	24-28	.C08	water	0.1cc
Loc 45	4/1/02	14:33	24-28	.C09	water	0.1cc
Loc 45	4/1/02	14:38	28-32	.C10	water	1cc
error	4/1/02			.C11		
Loc 45	4/1/02	14:59	28-32	.C12	water	0.2cc
Loc 45	4/1/02	15:04	32-36	.C13	water	1cc
Loc 45	4/1/02	15:23	32-36	.C14	water	0.1cc
Loc 45	4/1/02	15:29	36-40	.C15	water	1cc
Loc 45	4/1/02	15:45	36-40	.C16	water	0.1cc
Loc 45	4/1/02	15:51	36-40	.C17	water	0.1cc
TCE std	4/1/02	16:03		.C18	gas	1cc 10ppm
Blank	4/1/02	16:07		.C19	gas	1cc
TCE std	4/2/02	8:40		.C20	gas	1cc 10ppm
DCE std	4/2/02	8:48		.C21	gas	1cc 1ppm
BTEX std	4/2/02	9:08		.C22	gas	1cc 1ppm
Blank	4/2/02	9:25		.C23	gas	1cc
Loc 45	4/2/02	9:39	40-44	.C24	water	1cc
Loc 45	4/2/02	9:56	40-44	.C25	water	0.1cc
Loc 45	4/2/02	10:03	44-48	.C26	water	1cc
Loc 45	4/2/02	10:18	44-48	.C27	water	0.1cc

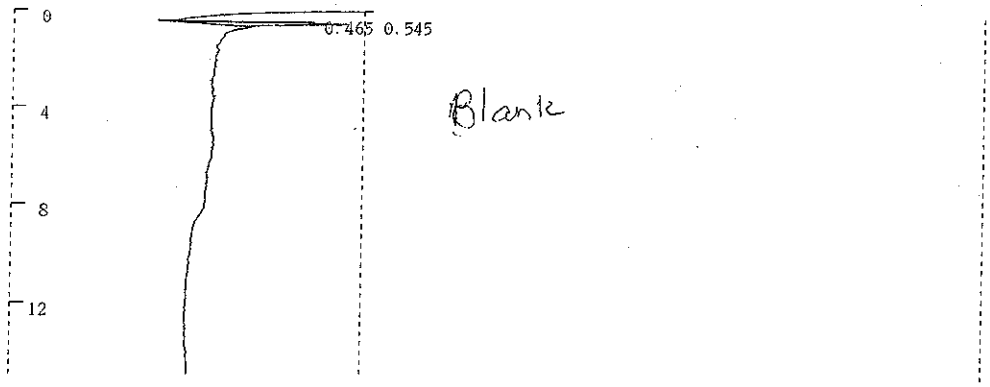
Loc 45	4/2/02	10:28	48-52	.C28	water	1cc
Loc 45	4/2/02	10:44	48-52	.C29	water	0.1cc
Loc 45	4/2/02	10:52	52-56	.C30	water	1cc
Loc 45 dup	4/2/02	11:06	52-56	.C31	water	1cc
Loc 45	4/2/02	12:32	56-60	.C32	water	1cc
Loc 45	4/2/02	12:49	60-64	.C33	water	1cc
Loc 45	4/2/02	13:04	64-68	.C34	water	1cc
Loc 45	4/2/02	13:24	68-72	.C35	water	1cc
Loc 46	4/2/02	13:41		9 .C36	soil	1cc 4.78g
TCE std	4/2/02	14:06		.C37	gas	1cc 10ppm
Blank	4/2/02	14:12		.C38	gas	1cc
TCE std	4/3/02	9:40		.C39	gas	1cc 10ppm
DCE std		9:55		.C40	gas	1cc 1ppm
BTEX std		10:08		.C41	gas	1cc 1ppm
Blank		10:30		.C42	gas	1cc
Loc 46		10:46	22-26	.C43	water	1cc
Loc 46		11:00	26-30	.C44	water	1cc
Loc 46		11:46	30-34	.C45	water	1cc
Loc 46		12:06	34-38	.C46	water	1cc
Loc 46		12:47	38-42	.C47	water	1cc
Loc 46		13:47	63-67	.C48	water	1cc

Log Sheet

Boring ID	Date	Time	Depth	PES ID	matrix	comments	
DCE std	3/19/02	9:34		.C09	gas	1cc 1ppm	
TCE std	3/19/02	9:48		.C10	gas	1cc 10ppm	
TCE std	3/19/02	9:58		.C11	gas	1cc 10ppm	
DCE std	3/19/02	10:04		.C12	gas	1cc 1ppm	
Blank	3/19/02	10:29		.C13	gas	1cc	
SVPH-1	3/19/02	10:46	0.5	.C14	soil	1cc 3.98g	Review 2.45min
TCE std	3/19/02	11:00		.C15	gas	1cc 10ppm	
SVPH-1	3/19/02	11:05	0.5	.C16	soil	0.5cc 3.98g	
SVPH-1	3/19/02	11:32	1.5	.C18	soil	1cc 5.36g	Review 2.45min
SVPH-1	3/19/02	11:41	1.5	.C19	soil	0.1cc 5.36g	
SVPH-1	3/19/02	11:57	2.5	.C20	soil	1cc 3.87g	
SVPH-1	3/19/02	13:59	3.5	.C21	soil	1cc 4.86g	Review 2.45min
SVPH-1	3/19/02	14:12	3.5	.C22	soil	0.5cc 4.86g	
SVPH-1	3/19/02	14:18	4.5	.C23	soil	1cc 4.62g	
SVPH-1	3/19/02	14:28	24-28	.C24	water	1cc	
SVPH-3	3/19/02	14:36	0.5	.C25	soil	1cc 1.63g	Review 2.45min
Blank	3/19/02	14:51		.C26	gas	1cc	
TCE std	3/19/02	14:59		.C27	gas	1cc 10ppm	
SVPH-3	3/19/02	15:06	1.5	.C28	soil	1cc 1.85g	Review 2.45min
SVPH-3	3/19/02	15:18	1.5	.C29	soil	0.5cc 1.85g	
SVPH-3	3/19/02	15:22	2.5	.C30	soil	1cc 2.06g	
SVPH-3	3/19/02	15:35	3.5	.C31	soil	1cc 2.08g	
SVPH-3	3/19/02	15:44	4.5	.C32	soil	1cc 1.95g	
SVPH-3	3/19/02	15:53	28-32	.C33	water	1cc	
SVPH-3	3/19/02	16:15	28-32	.C34	water	0.2cc	
DCE std	3/19/02	17:05		.C35	gas	1cc 1ppm	
DCE std	3/19/02	17:14		.C36	gas	1cc 1ppm	
Blank	3/19/02	17:20		.C37	gas	1cc	
DCE std	3/20/02	14:52		.C38	gas	1cc 1ppm	
TCE std	3/20/02	15:27		.C39	gas	1cc 10ppm	
Blank	3/20/02	15:32		.C40	gas	1cc	
SVPH-4	3/20/02	15:40	0.5	.C41	soil	1cc 2.62g	
SVPH-4	3/20/02	15:47	1.5	.C42	soil	1cc 3.05g	
SVPH-4	3/20/02	15:55	2.5	.C43	soil	1cc 3.19g	
SVPH-4	3/20/02	16:04	3.5	.C44	soil	1cc 2.46g	
SVPH-4	3/20/02	16:11	4.5	.C45	soil	1cc 2.90g	
SVPH-4	3/20/02	16:27	27-31	.C46	water	1cc	
SVPH-4	3/20/02	16:42	27-31	.C47	water	0.1cc	
Blank	3/20/02	16:46		.C48	gas	1cc	
DCE std	3/20/02	16:55		.C49	gas	1cc 1ppm	
TCE std	3/25/02	10:30		VAPOR.C01	gas	1cc 10ppm	
TCE std	3/25/02	10:35		.C02	gas	0.7cc 10ppm	
TCE std	3/25/02	10:40		.C03	gas	0.5cc 10ppm	
TCE std	3/25/02	10:45		.C04	gas	0.5cc 10ppm	
DCE std	3/25/02	11:00		.C05	gas	1cc 1ppm	
Blank	3/25/02	11:25		.C06	gas	1cc	
Blank	3/25/02	12:43		.C07	gas	1cc	
SVPH-2	3/25/02	12:52	0.5	.C08	soil	1cc 3.16g	review 2.38 min
SVPH-2	3/25/02	13:03	0.5	.C09	soil	0.1cc 3.16g	
SVPH-2	3/25/02	13:11	1.5	.C10	soil	1cc 3.36g	
SVPH-2	3/25/02	13:28	1.5	.C11	soil	0.2cc 3.36g	

SVPH-2	3/25/02	13:36	2.5	.C12	soil	1cc 2.57g	
SVPH-2	3/25/02	13:44	3.5	.C13	soil	1cc 3.13g	
SVPH-2	3/25/02	13:52	4.5	.C14	soil	1cc 3.30g	
SVPH-5	3/25/02	14:04	1.5	.C15	soil	1cc 3.65g	
SVPH-5	3/25/02	14:25	1.5	.C16	soil	0.1cc 3.65g	
SVPH-5	3/25/02	14:30	0.5	.C17	soil	1cc 2.40g	
SVPH-5 dup	3/25/02	14:43	0.5	.C18	soil	1cc 2.40g	
TCE std	3/25/02	14:50		.C19	gas	1cc 10ppm	
Blank	3/25/02	14:55		.C20	gas	1cc	
SVPH-5	3/25/02	15:15	2.5	.C21	soil	1cc 3.05g	
SVPH-5	3/25/02	15:30	3.5	.C22	soil	1cc 2.22g	
SVPH-5	3/25/02	15:38	4.5	.C23	soil	1cc 2.35g	
SVPH-6	3/25/02	15:46	0.5	.C24	soil	1cc 2.09g	
SVPH-6	3/25/02	16:05	1.5	.C25	soil	1cc 2.89g	
SVPH-6	3/25/02	16:17	1.5	.C26	soil	0.5cc 2.89g	
SVPH-6	3/25/02	16:21	2.5	.C27	soil	1cc 2.26g	review 2.38 min
SVPH-6	3/25/02	16:37	3.5	.C28	soil	1cc 2.63g	
SVPH-6	3/25/02	16:52	3.5	.C29	soil	0.5cc 2.63g	review 2.38 min
TCE std	3/25/02			.C30	gas	1cc 10ppm	
TCE std	3/25/02	17:19		.C31	gas	1cc 10ppm	
Blank	3/25/02	17:25		.C32	gas	1cc	
SVPH-5	3/25/02	17:37	1.5	.C33	soil	1cc 2.44g	
SVPH-5	3/25/02	17:45	1.5	.C34	soil	0.1cc 2.44g	
SVPH-2	3/25/02	17:53	0.5	.C35	soil	1cc 3.27g	
TCE std	3/26/02	7:54		.C36	gas	1cc 10ppm	
DCE std	3/26/02	8:02		.C37	gas	1cc 1ppm	
DCE std	3/26/02	8:38		.C38	gas	1cc 1ppm	
Blank	3/26/02	8:47		.C39	gas	1cc	
SVPH-6	3/26/02	8:56	4.5	.C40	soil	1cc 2.93g	
SVPH-7	3/26/02	9:03	0.5	.C41	soil	1cc 3.09g	review 2.30 min
SVPH-7	3/26/02	9:14	0.5	.C42	soil	0.2cc 3.09g	
SVPH-7	3/26/02	9:23	1.5	.C43	soil	1cc 3.50g	review 2.30 min
SVPH-7 dup	3/26/02	9:34	1.5	.C44	soil	1cc 3.50g	
SVPH-7	3/26/02	9:42	2.5	.C45	soil	1cc 4.22g	
SVPH-7	3/26/02	9:57	3.5	.C46	soil	1cc 3.73g	
SVPH-7	3/26/02	10:08	4.5	.C47	soil	1cc 4.02g	
SVPH-12	3/26/02	10:16	0.5	.C48	soil	1cc 3.68g	review 2.30 min
SVPH-12	3/26/02	10:26	0.5	.C49	soil	0.5cc 3.68g	
SVPH-12	3/26/02	10:31	1.5	.C50	soil	1cc 4.35g	
TCE std	3/26/02	10:39		.C51	gas	1cc 10ppm	
SVPH-12	3/26/02	10:44	2.5	.C52	soil	1cc 2.95g	
SVPH-12	3/26/02	10:55	3.5	.C53	soil	1cc 4.04g	
SVPH-12	3/26/02	11:02	4.5	.C54	soil	1cc 3.19g	
SVPH-8	3/26/02	11:09	0.5	.C55	soil	1cc 2.23g	review 2.30 min
SVPH-8	3/26/02	11:17	0.5	.C56	soil	0.1cc 2.23g	
error	3/26/02			.C57			
SVPH-8	3/26/02	14:03	1.5	.C58	soil	1cc 2.63g	
SVPH-8	3/26/02	14:10	1.5	.C59	soil	0.1cc 2.63g	
SVPH-8	3/26/02	14:14	2.5	.C60	soil	1cc 3.58g	
SVPH-8	3/26/02	14:27	2.5	.C61	soil	0.1cc 3.58g	
SVPH-8	3/26/02	14:41	3.5	.C62	soil	1cc 1.83g	
SVPH-8	3/26/02	14:50	4.5	.C63	soil	1cc 3.26g	

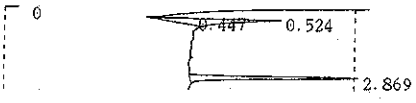
SVPH-11	3/26/02	14:56	0.5	.C64	soil	1cc 2.73g
SVPH-11	3/26/02	15:04	1.5	.C65	soil	1cc 2.51g
SVPH-11	3/26/02	15:09	2.5	.C66	soil	1cc 3.03g
SVPH-11	3/26/02	15:18	3.5	.C67	soil	1cc 2.61g
SVPH-11	3/26/02	15:25	4.5	.C68	soil	1cc 2.60g
SVPH-10	3/26/02	15:34	0.5	.C69	soil	1cc 3.02g
error	3/26/02	15:45		.C70		
DCE std	3/26/02	16:04		.C71	gas	1cc 1ppm
SVPH-10	3/26/02	16:19	1.5	.C72	soil	1cc 3.60g
SVPH-10 dup	3/26/02	16:31	1.5	.C73	soil	1cc 3.60g
SVPH-10	3/26/02	16:36	2.5	.C74	soil	1cc 3.25g
SVPH-10	3/26/02	16:50	3.5	.C75	soil	1cc 3.24g
SVPH-10	3/26/02	17:00	4.5	.C76	soil	1cc 4.09g
SVPH-9	3/26/02	17:06	0.5	.C77	soil	1cc 2.19g
SVPH-9	3/26/02	17:16	1.5	.C78	soil	1cc 3.30g
SVPH-9	3/26/02	17:27	2.5	.C79	soil	1cc 2.99g
SVPH-9	3/26/02	17:35	3.5	.C80	soil	1cc 2.27g
SVPH-9	3/26/02	17:43	4.5	.C81	soil	1cc 2.97g
SVI-12	3/26/02	17:49	3	.C82	soil	1cc 6.21g
TCE std	4/1/02	16:03		ALDOTL.C18	gas	1cc 10ppm
Blank	4/1/02	16:07		.C19	gas	1cc
SVPH-13	4/1/02	16:15	0.5	VAPORB.C01	soil	1cc 2.66g
SVPH-13	4/1/02	16:22	0.5	.C02	soil	0.1cc 2.66g
SVPH-13	4/1/02	16:28	1.5	.C03	soil	1cc 2.31g
SVPH-13	4/1/02	16:39	2.5	.C04	soil	1cc 1.31g
SVPH-13	4/1/02	16:48	3.5	.C05	soil	1cc 1.91g
SVPH-13	4/1/02	16:58	4.5	.C06	soil	1cc 2.37g
TCE std	4/1/02	17:26		.C07	gas	1cc 10ppm
Blank	4/1/02	17:31		.C08	gas	1cc



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.465	476	309				
	2	0.545	1996	321	V			
		TOTAL	2473	630			0	

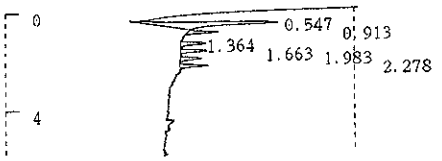
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTH.C02 02/02/21 10:30:14



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.447	191	83				
	2	0.524	2383	270	V			
	3	2.869	2793	386		10	51.1678	TCE
		TOTAL	5368	739			51.1678	

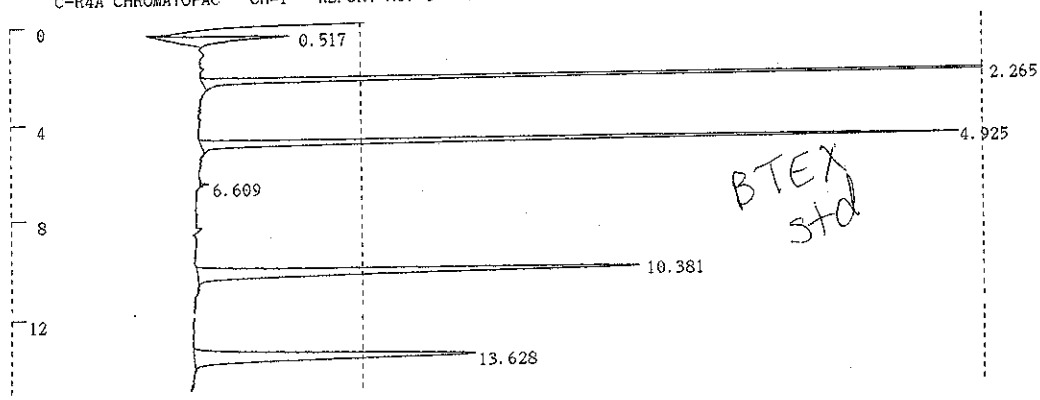
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTH.C03 02/02/21 10:37:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.547	2936	288				
	2	0.913	430	69		3	2.1485	1,1-DCE
	3	1.364	366	57		5	1.8275	1,1-DCA
	4	1.663	368	60		6	2.0965	C-DCE
	5	1.983	327	48		7	2.5537	TCA
	6	2.278	396	64		8		1,2-DCA
		TOTAL	4822	586			8.6262	

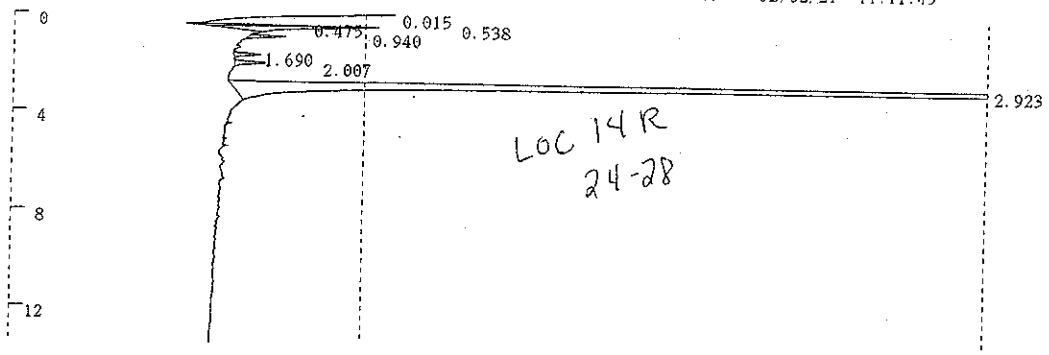
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTH.C04 02/02/21 10:51:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.517	3245	299				
	2	2.265	15702	2307		8		1,2-DCA
	3	4.925	15367	1710		11	23.5267	TOLUENE
	4	6.609	60	19				
	5	10.381	14825	1001		14	30.1236	EBZ
	6	13.628	11558	637				
		TOTAL	60756	5973			53.6503	

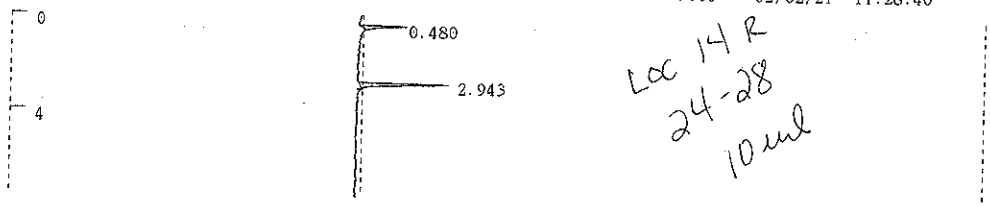
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTH.C05 02/02/21 11:11:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.015	123	52				
	2	0.475	810	251				
	3	0.538	2480	373	V			
	4	0.94	459	84		3	2.296	1,1-DCE 8.49
	5	1.69	351	59		6	1.999	C-DCE 6.9
	6	2.007	461	68		7	3.5958	TCA 15
	7	2.923	81302	10657				
		TOTAL	85986	11545			7.8908	

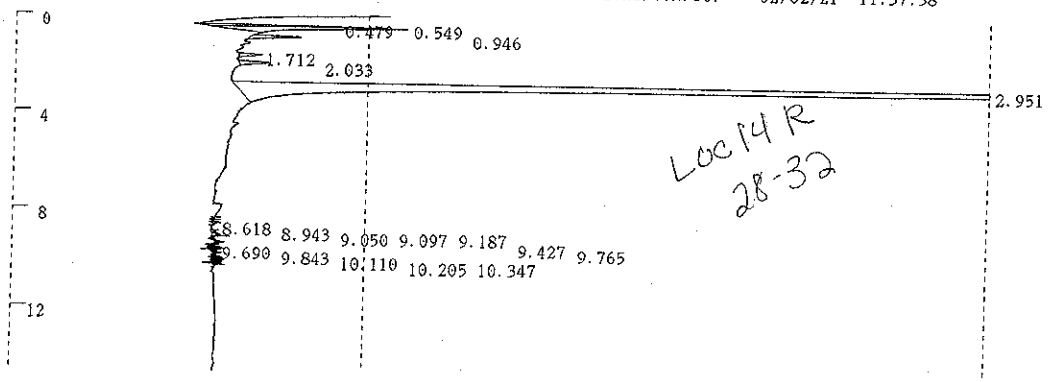
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTH.C06 02/02/21 11:28:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.48	509	103				
	2	2.943	1187	202		10	21.7495	TCE 3697
		TOTAL	1696	305			21.7495	

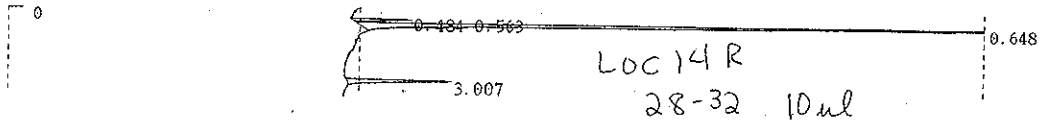
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTH.C07 02/02/21 11:37:38



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.479	1035	309				
	2	0.549	2959	430	V			
	3	0.946	682	115		3	~~3.4075~~	1,1-DCE 13
	4	1.712	308	53		6	~~1.7562~~	C-DCE 6
	5	2.033	446	68		7	~~3.4765~~	TCA
	6	2.951	101822	13067	S	10	1865.3734	TCE
	9	8.618	57	18				
	10	8.943	56	13				
	11	9.05	28	12	V			
	12	9.097	70	17	V			
	13	9.187	34	29	V			
	14	9.427	54	21		14	0.1091	EBZ
	17	9.69	34	18		14	0.0699	EBZ
	18	9.765	56	17		14	0.1138	EBZ
	19	9.843	24	6	V	14	0.0484	EBZ
	20	10.11	40	15		14	0.0815	EBZ
	23	10.205	54	25		14	0.1091	EBZ
	24	10.347	59	18		14	0.1207	EBZ
		TOTAL	107817	14250			1874.6654	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTH.C08 02/02/21 12:45:58

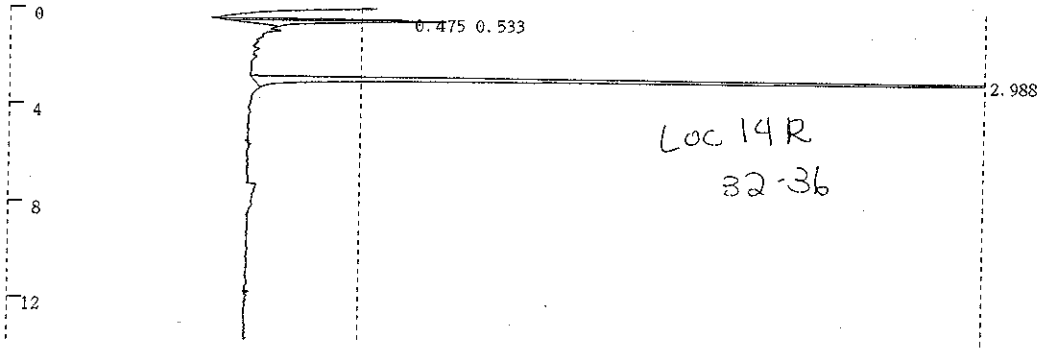


Loc 14 R
28-32 10ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.484	552	137				
	2	0.563	171	54	V			
	3	0.648	10244	2225	V			
	4	3.007	1360	232		10	24.9189	TCE
	TOTAL		12327	2648			24.9189	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTH.C09 02/02/21 13:00:19

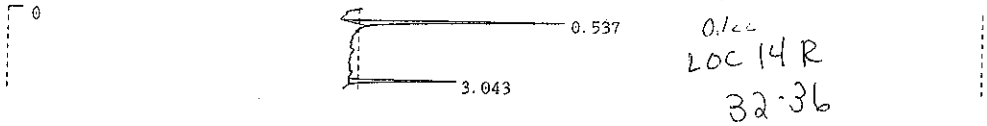


Loc 14 R
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.475	1457	423				
	2	0.533	3314	478	V			
	3	2.988	16096	2243		10	294.8713	TCE
	TOTAL		20867	3144			294.8713	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTH.C10 02/02/21 13:15:45

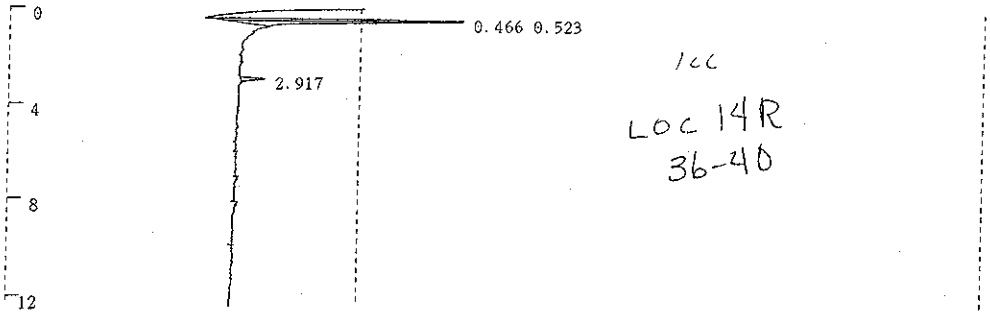


0.1cc
Loc 14 R
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.537	2795	483				
	2	3.043	1393	239				
	TOTAL		4188	722			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTH.C11 02/02/21 13:21:29

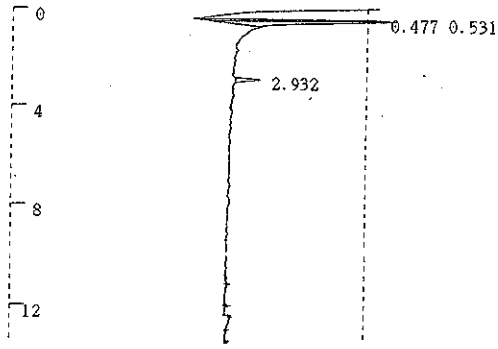


1cc
Loc 14 R
36-40

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.466	2081	548				
	2	0.523	3053	522	V			
	3	2.917	338	53		10	6.1903	TCE
	TOTAL		5472	1123			6.1903	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTH.C12 02/02/21 13:35:09



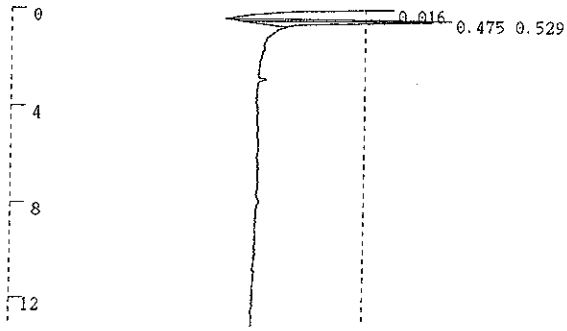
1cc
Loc 14R
40-44

14 0

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.477	1317	396				
	2	0.531	2743	402	V			
	3	2.932	379	57		10	6.9341	TCE
	TOTAL		4438	855			6.9341	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTH.C13 02/02/21 13:51:00



1cc
Loc 14R
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	126	51				
	2	0.475	1798	489				
	3	0.529	2537	419	V			
	TOTAL		4461	959			0	

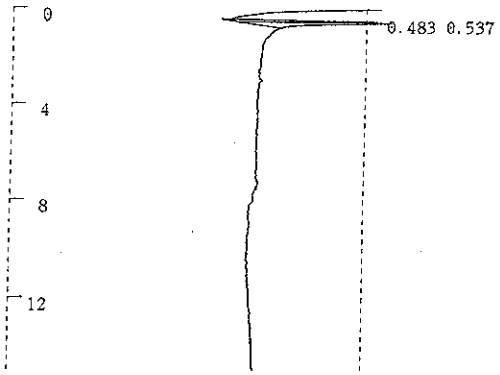
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTH.C14 02/02/21 14:05:42

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.53	2281	232				
	2	2.953	2398	333		10	43.9259	TCE
	TOTAL		4679	565			43.9259	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTH.C15 02/02/21 14:14:39



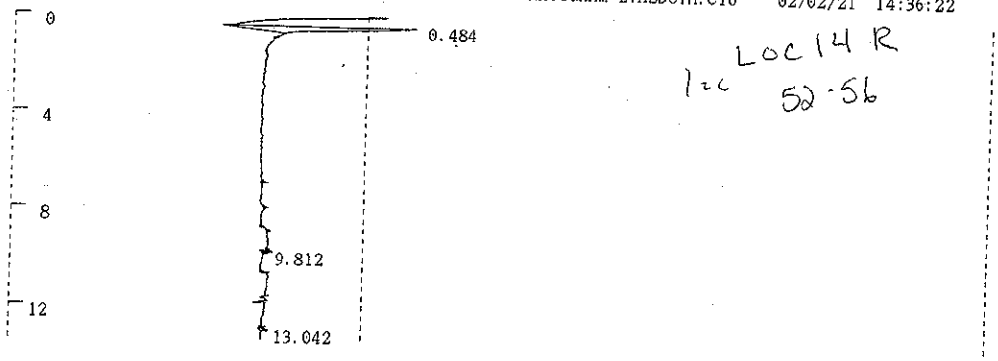
1cc
Loc 14R
48-52

14 1

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.483	1235	326				
	2	0.537	2187	339	V			
	TOTAL		3423	664			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTH.C16 02/02/21 14:36:22

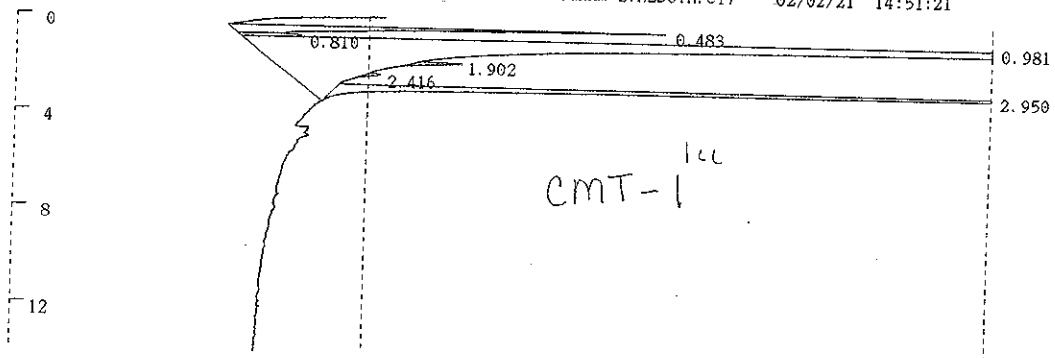


1cc Loc 14 R 52-56

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.484	3788	414				
	6	9.812	21	22	V	14	0.0421	EBZ
	8	13.042	65	18		16	0.1585	O-XYL
		TOTAL	3874	454			0.2005	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTH.C17 02/02/21 14:51:21

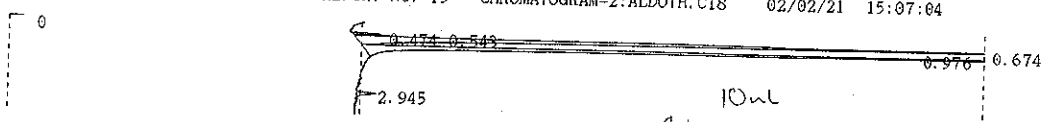


1cc CMT-1

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.483	7149	986				
	2	0.81	947	139	V			
	3	0.981	454339	66190	SV			
	4	1.902	712	110	T	7	5.5497	TCA
	5	2.416	266	39	T			
	6	2.95	20431	2685	T	10	374.2922	TCE
		TOTAL	483843	70149			379.8419	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTH.C18 02/02/21 15:07:04

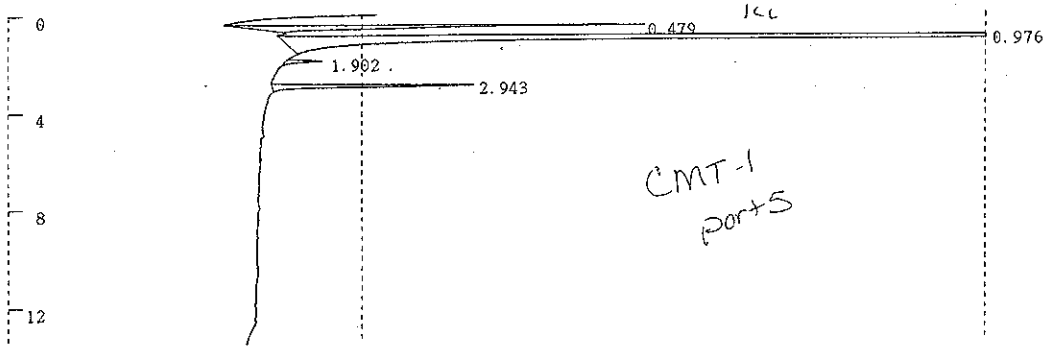


10uL CMT-1

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.474	221	66				
	2	0.543	238	83	V			
	3	0.674	11206	2352	V			
	4	0.976	11763	2929	V			
	5	2.945	273	47		10	4.9922	TCE
		TOTAL	23701	5477			4.9922	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTH.C19 02/02/21 15:11:59



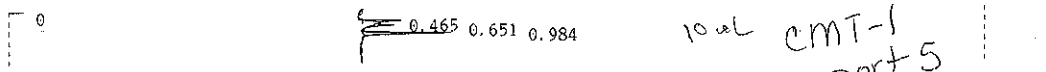
1cc

CMT-1
port 5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.479	6279	916				
	2	0.976	68376	10800				
	3	1.902	553	82		7	4.3157	TCA
	4	2.943	3195	457		10	58.5397	TCE
		TOTAL	78404	12256			62.8555	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTH.C20 02/02/21 15:27:15



10 uL CMT-1 port 5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.465	232	75				
	2	0.651	180	48				
	3	0.984	826	197				
		TOTAL	1238	320			0	

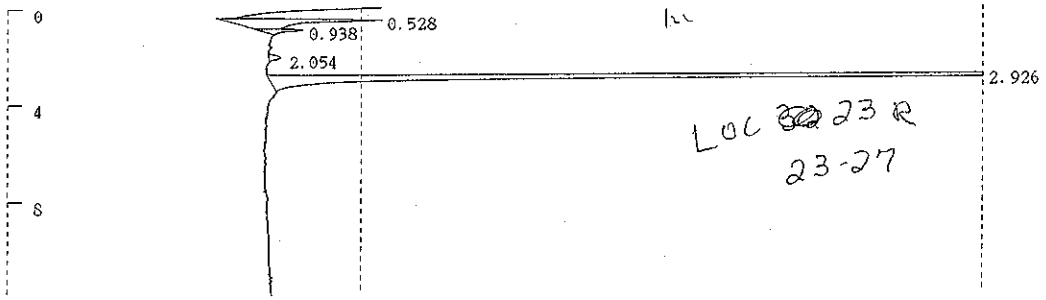
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTH.C21 02/02/21 15:31:02

DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.444	46	26				
	2	0.574	2461	262				
	3	0.947	370	70		3	1.85	1,1-DCE
	4	1.398	286	54		5	1.431	1,1-DCA
	5	1.7	338	59		6	1.9277	C-DCE
	6	2.335	301	51		8		1,2-DCA
		TOTAL	3802	522			5.2087	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTH.C22 02/02/21 15:35:15



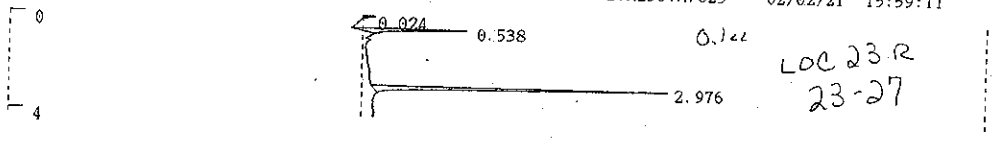
1cc

LOC 23 R
23-27

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.528	4444	357				
	2	0.938	752	96	V	3	3.76	1,1-DCE
	3	2.054	285	26		7	2.2222	TCA
	4	2.926	35298	4904		10	646.6538	TCE
		TOTAL	40779	5383			652.6359	

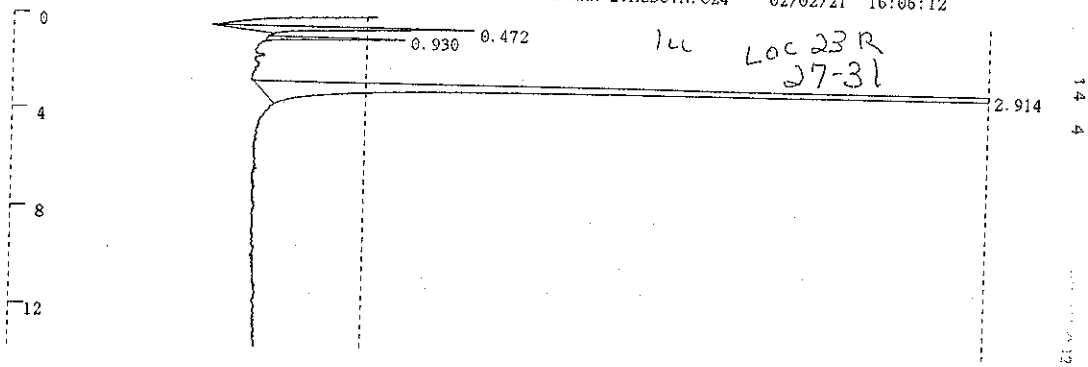
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTH.C23 02/02/21 15:59:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.024	68	20				
	2	0.538	1389	246				
	3	2.976	3857	663		10	70.6511	TCE
	TOTAL		5313	930			70.6511	

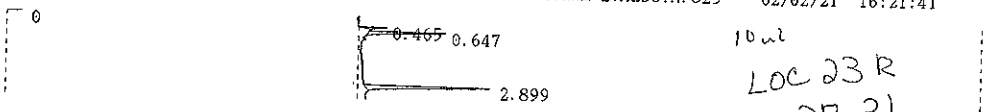
C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTH.C24 02/02/21 16:06:12



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.472	4370	565				
	2	0.93	1728	312		3	8.6415	1,1-DCE
	3	2.914	121407	16127		10	2224.1704	TCE
	TOTAL		127505	17005			2232.8117	

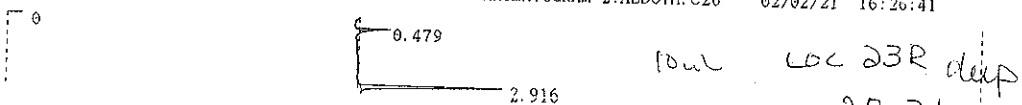
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTH.C25 02/02/21 16:21:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.465	190	55				
	2	0.647	735	175				
	3	2.899	1584	282		10	29.0116	TCE
	TOTAL		2509	512			29.0116	

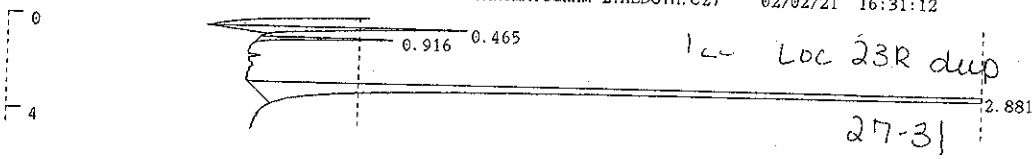
C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTH.C26 02/02/21 16:26:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.479	266	73				
	2	2.916	1722	318		10	31.547	TCE
	TOTAL		1988	392			31.547	

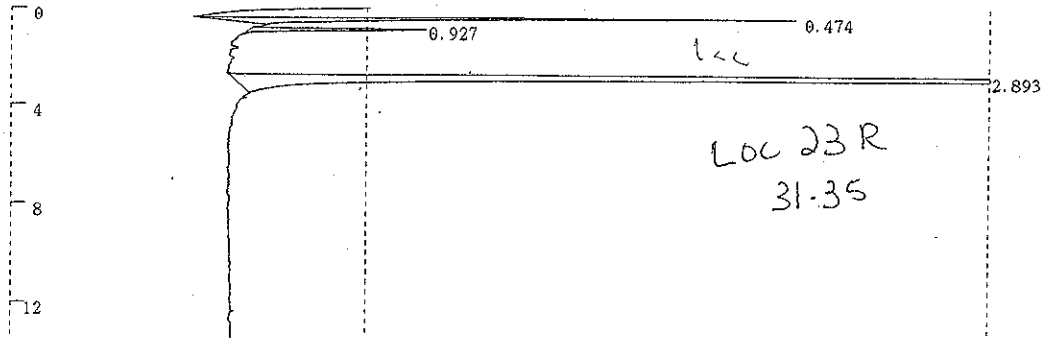
C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTH.C27 02/02/21 16:31:12



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.465	4477	564				
	2	0.916	1744	304		3	8.7205	1,1-DCE
	3	2.881	117796	15982		10	2158.0151	TCE
	TOTAL		124017	16850			2166.7355	

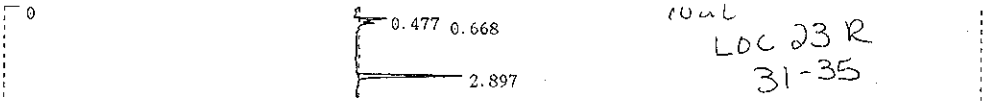
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTH.C28 02/02/21 16:37:51



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.474	7480	1320				
	2	0.927	2233	398		3	11.163	1,1-DCE
	3	2.893	88948	11624		10	1629.5345	TCE
		TOTAL	98661	13342			1640.6975	

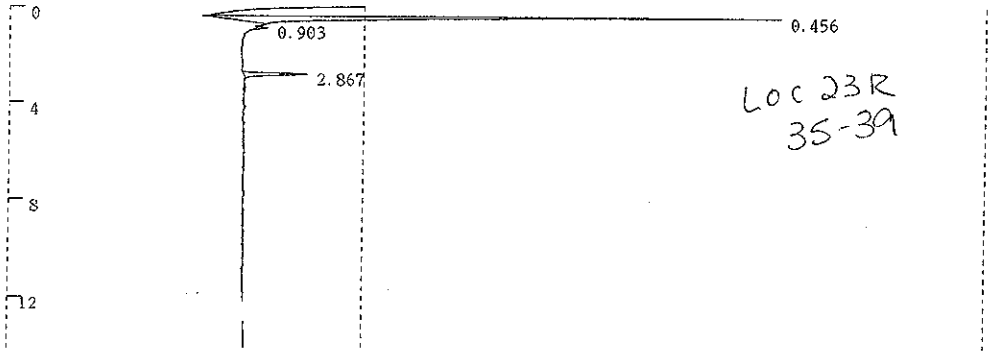
C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTH.C29 02/02/21 16:53:23



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.477	195	57				
	2	0.668	77	24				
	3	2.897	1325	235		10	24.2703	TCE
		TOTAL	1597	317			24.2703	

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTH.C30 02/02/21 16:59:37



** CALCULATION REPORT **

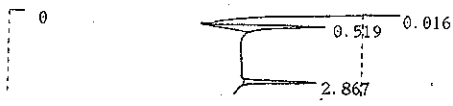
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.456	7611	1277				
	2	0.903	123	26		3	0.6125	1,1-DCE
	3	2.867	965	142		10	17.6788	TCE
		TOTAL	8699	1446			18.2913	

C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:ALDOTH.C31 02/02/21 17:18:26

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.514	2153	253				
	3	2.867	1051	148		10	19.2507	TCE
		TOTAL	3203	401			19.2507	

C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:ALDOTH.C32 02/02/21 17:25:45

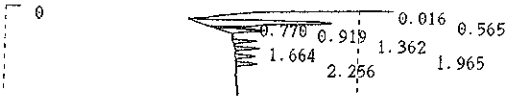


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	154	63				
	2	0.519	2236	261				
	3	2.867	1186	167		10	21.733	TCE
	TOTAL		3576	491			21.733	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOTH.C33 02/02/21 17:35:35

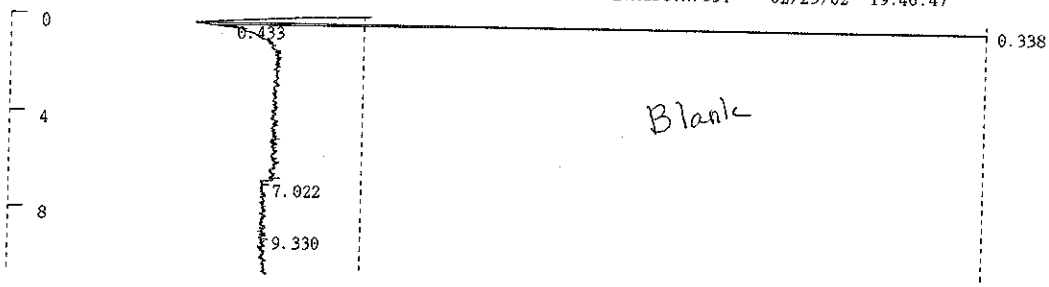


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.016	148	61				
	2	0.565	3385	310				
	3	0.77	297	85	V			
	4	0.919	689	97	V	3	3.4425	1,1-DCE
	5	1.362	321	54		5	1.606	1,1-DCA
	6	1.664	325	56		6	1.8542	C-DCE
	7	1.965	292	45		7	2.2753	TCA
	8	2.256	287	47		8		1,2-DCA
	TOTAL		5745	754			9.178	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTH.C34 02/25/02 19:46:47



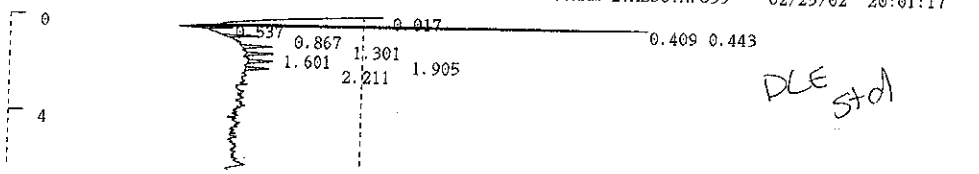
Blank

16 0

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.338	12986	5350				
	2	0.433	122	29	V	3	0.6115	1,1-DCE
	5	7.022	24	16				
	6	9.33	22	18				
	TOTAL		13153	5413			0.6115	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTH.C35 02/25/02 20:01:17

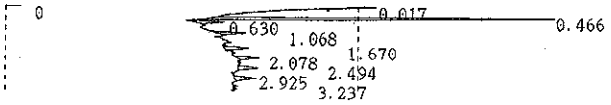


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	130	41				
	2	0.409	2367	996				
	3	0.443	1631	929	V	3	8.1525	1,1-DCE
	4	0.537	328	95		5	1.641	1,1-DCA
	5	0.867	312	72				
	6	1.301	335	70				
	7	1.601	290	62				
	8	1.905	294	56				
	9	2.211	267	53		10	4.8951	TCE
	TOTAL		5954	2372			14.6886	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTH.C36 02/25/02 20:11:22

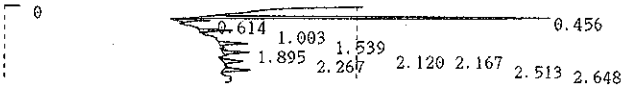


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	107	35				
	2	0.466	3768	781		3	18.8415	1,1-DCE
	3	0.63	314	73		6	1.7915	C-DCE
	5	1.068	285	63				
	6	1.67	291	52		8		1,2-DCA
	7	2.078	235	48				
	8	2.494	250	42				
	9	2.925	256	47				
	10	3.237	23	12				
		TOTAL	5528	1153			20.633	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTH.C37 02/25/02 20:20:14

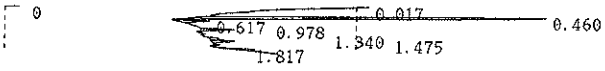


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.456	3577	787		3	17.8845	1,1-DCE
	2	0.614	304	75				
	3	1.003	351	76				
	4	1.539	314	65		7	2.4469	TCA
	6	1.895	303	60	V			
	7	2.12	24	9		10	0.4324	TCE
	8	2.167	39	15	V	10	0.7181	TCE
	9	2.267	299	46	V	10	5.4722	TCE
	10	2.513	54	9				
	11	2.648	410	63	V			
		TOTAL	5674	1204			26.954	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTH.C38 02/25/02 20:28:57

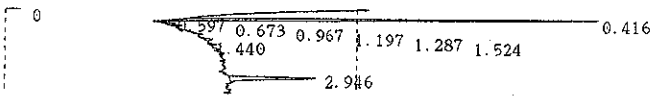


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.017	110	31				
	2	0.46	3605	785		3	18.0265	1,1-DCE
	3	0.617	294	71				
	4	0.978	314	79				
	5	1.34	159	22				
	6	1.475	235	53	V	7	1.8361	TCA
	7	1.817	145	35		9	0.1975	BENZENE
		TOTAL	4864	1076			20.0601	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTH.C39 02/25/02 20:38:37

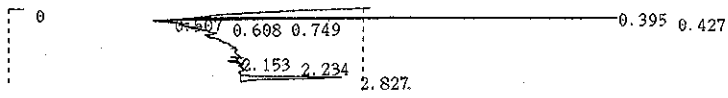


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.416	3951	947		3	19.7535	1,1-DCE
	2	0.597	140	26				
	3	0.673	29	24	V	6	0.1642	C-DCE
	4	0.967	31	9				
	5	1.197	48	10				
	6	1.287	74	21	V			
	7	1.44	36	11		7	0.2824	TCA
	8	1.524	26	18		7	0.2036	TCA
	9	2.946	1162	192				
		TOTAL	5497	1257			20.4036	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTH.C40 02/25/02 20:41:21

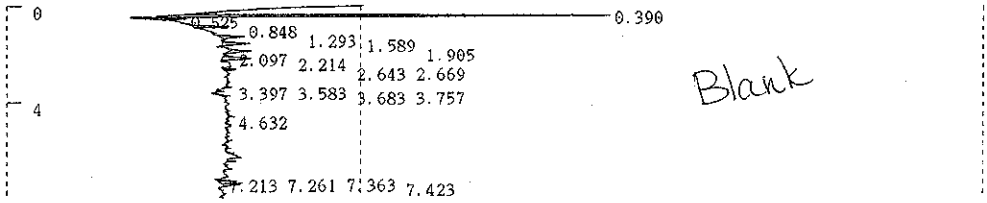


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.395	2449	982				
	2	0.427	1692	979	V	3	8.46	1,1-DCE
	3	0.507	42	30		5	0.2095	1,1-DCA
	4	0.608	47	18	V			
	5	0.749	64	32				
	6	2.153	58	25		10	1.0662	TCE
	7	2.234	22	14	V	10	0.4012	TCE
	8	2.827	1423	227				
		TOTAL	5797	2306			10.1369	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTH.C41 02/25/02 20:48:53



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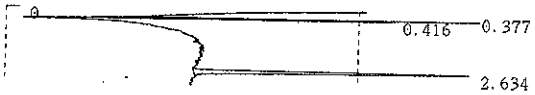
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.39	4156	1005				
	2	0.525	282	83		5	1.411	1,1-DCA
	4	0.848	374	82	V			
	5	1.293	258	58				
	6	1.589	334	67		7	2.6036	TCA
	7	1.905	276	51				
	8	2.097	56	15				
	9	2.214	421	68	V	10	7.7127	TCE
	11	2.643	37	23				
	12	2.669	62	30	V			
	13	3.397	53	18				
	14	3.583	24	19				
	15	3.683	46	9		11	0.0709	TOLUENE
	16	3.757	24	21	V	11	0.0372	TOLUENE
	17	4.632	25	17		12	0.3125	PCE
	22	7.213	23	11				
	23	7.261	85	45	V			
	24	7.363	201	52	V			
	25	7.423	156	39	V			
		TOTAL	6893	1714			12.1479	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTH.C42 02/02/26 14:10:26

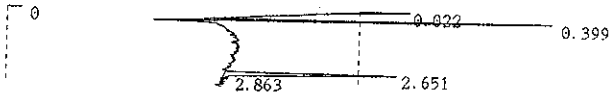


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.377	1849	846				
	2	0.416	1162	755	V	3	5.808	1,1-DCE
	3	2.634	3638	626				
		TOTAL	6649	2227			5.808	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTH.C43 02/02/26 14:14:46

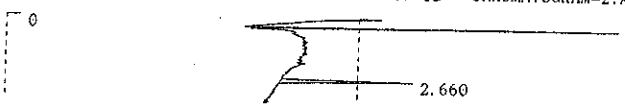


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.022	354	91				
	2	0.399	2531	811				
	3	2.651	2101	392				
	4	2.863	77	13	V			
		TOTAL	5064	1307			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTH.C44 02/02/26 14:21:02

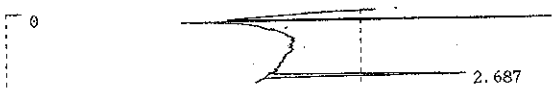


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.66	1529	300				
		TOTAL	1529	300			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTH.C45 02/02/26 14:31:41



TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.687	2368	449				
		TOTAL	2368	449			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTH.C46 02/02/26 14:36:16

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.695	1929	384				
		TOTAL	1929	384			0	

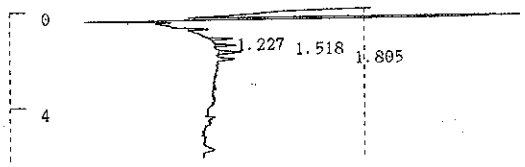
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTH.C47 02/02/26 14:41:00

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.703	1775	344				
		TOTAL	1775	344			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTH.C48 02/02/26 14:46:14

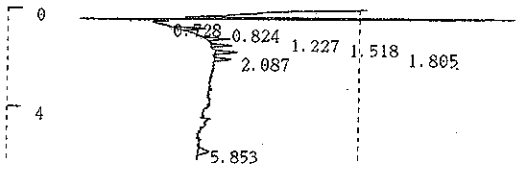


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.227	253	56		7	1.8244	TCA
	2	1.518	234	48		9	0.4047	BENZENE
	3	1.805	298	51				
		TOTAL	785	154			2.2291	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTH.C48 02/02/26 14:46:14

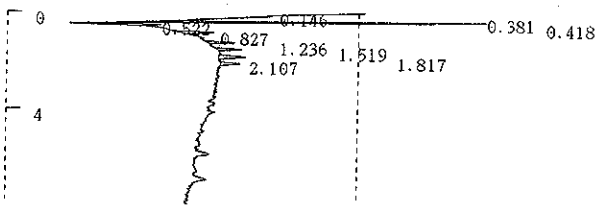


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.728	42	4				
	2	0.824	317	64				
	3	1.227	253	56				
	4	1.518	234	48		7	1.8244	TCA
	5	1.805	298	51		9	0.4047	BENZENE
	6	2.087	199	38				
	7	5.853	267	26				

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTH.C49 02/02/26 15:02:23

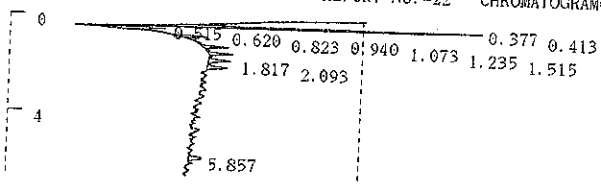


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.146	188	26				
	2	0.381	1862	778				
	3	0.418	1088	744	V			
	4	0.522	429	105				
	5	0.827	314	78		3	1.569	1,1-DCE
	6	1.236	280	65		5	1.4015	1,1-DCA
	7	1.519	245	58		6	1.3948	C-DCE
	8	1.817	339	61		7	2.6411	TCA
	9	2.107	216	45		9	0.2936	BENZENE
		TOTAL	4960	1960			7.3	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTH.C50 02/02/26 15:16:42

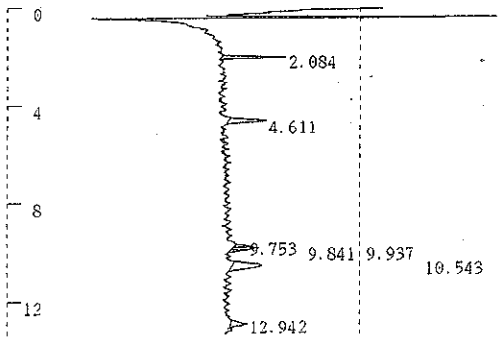


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.377	2246	774				
	2	0.413	1055	781	V			
	3	0.515	631	144				
	4	0.62	154	27	V			
	5	0.823	340	65		3	1.7	1,1-DCE
	6	0.94	36	7				
	7	1.073	36	9				
	8	1.235	295	62		5	1.4735	1,1-DCA
	9	1.515	300	56		6	1.7071	C-DCE
	10	1.817	336	52		7	2.6177	TCA
	11	2.093	280	48	V	8		1,2-DCA
	12	5.857	237	29		12	2.9675	PCE
		TOTAL	5945	2052			10.4658	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTH.C51 02/02/26 15:29:18

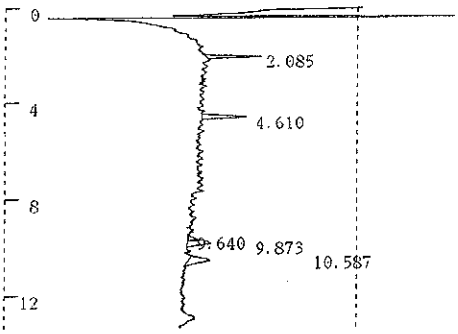


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.084	719	145		8		1,2-DCA
	2	4.611	649	88				
	3	9.753	188	30		14	0.3822	EBZ
	4	9.841	271	59	V	14	0.5513	EBZ
	5	9.937	131	32	V	14	0.2652	EBZ
	6	10.543	950	67		15	2.0789	M,P-XYL
	7	12.942	361	38		16	0.8796	O-XYL
		TOTAL	3268	459			4.1572	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTH.C52 02/02/26 15:45:46

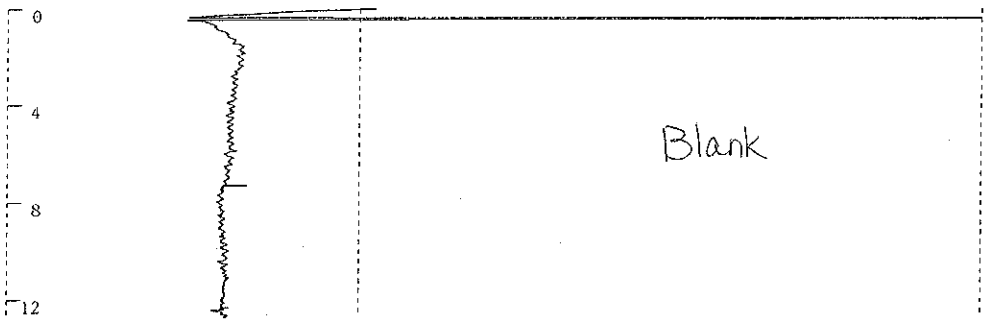


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.085	603	126		8		1,2-DCA
	2	4.61	758	109		11	1.1599	TOLUENE
	3	9.64	191	14		14	0.3873	EBZ
	4	9.873	580	53	V	14	1.1775	EBZ
	5	10.587	663	50		15	1.452	M,P-XYL
		TOTAL	2794	343			4.1767	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTH.C53 02/02/26 16:00:28



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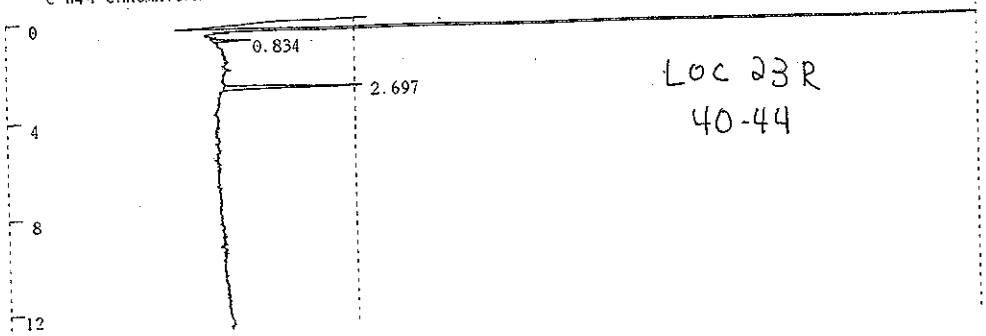
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

057 223-02000-12 90515 ⊕ Shimadzu 058

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTH.C54 02/02/26 16:14:30

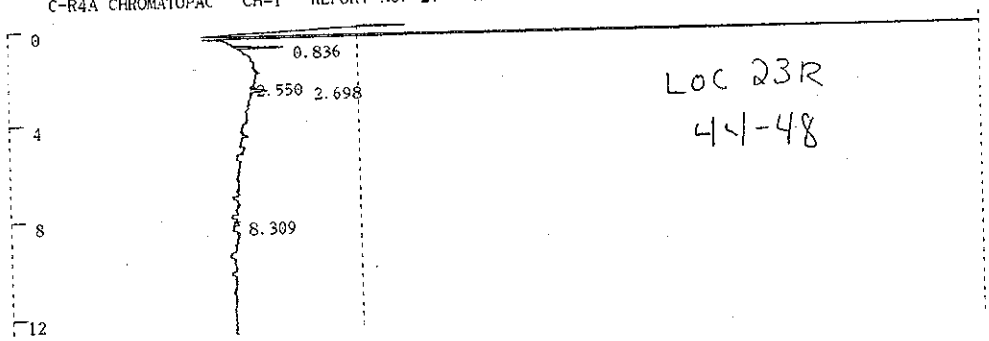


Loc 23R
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.834	342	90		3	1.711	1.1-DCE
	2	2.697	1826	322		10	33.4468	TCE
	TOTAL		2168	412			35.1578	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTH.C55 02/02/26 16:30:50

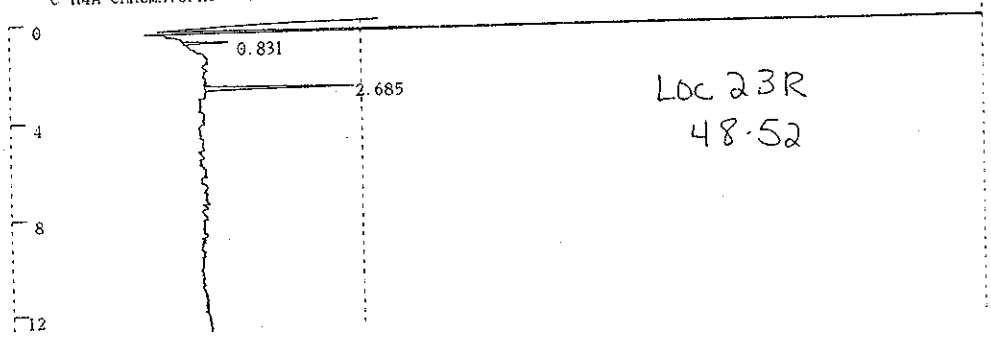


Loc 23R
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.836	474	111		3	6.0223	1.1-DCE
	2	2.55	44	9		10	0.6561	TCE
	3	2.698	213	38	V	10	3.1645	TCE
	5	8.309	74	15				
	TOTAL		805	174			9.8429	

C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTH.C56 02/02/26 16:45:27



Loc 23R
48-52

** CALCULATION REPORT **

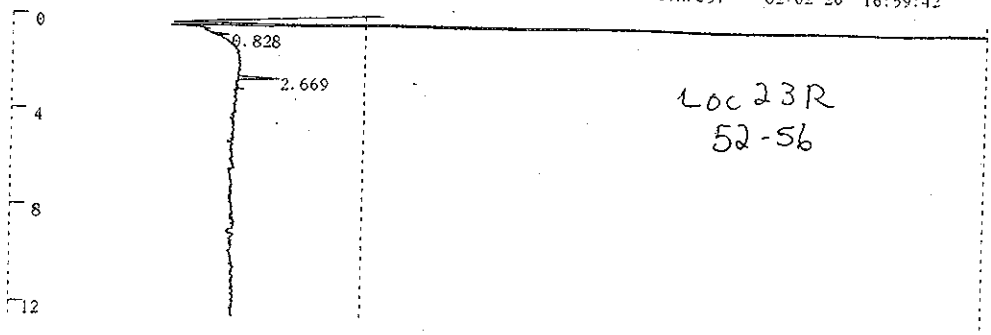
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.831	419	104		3	5.3226	1.1-DCE
	2	2.685	1939	339		10	28.7865	TCE
	TOTAL		2359	442			34.1091	

223-02000-12 90515 ⊕ Shimadzu

059

223-02000-12

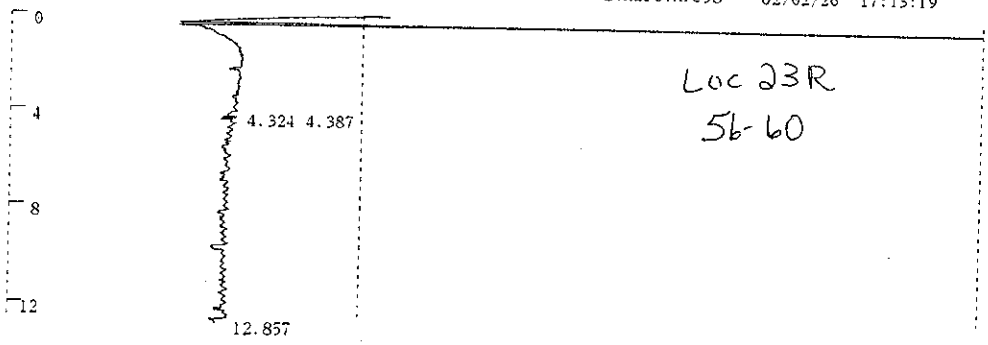
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTH.C57 02/02 26 16:59:42



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.828	122	32		3	1.5443	1,1-DCE
	2	2.669	516	93		10	7.6545	TCE
	TOTAL		637	125			9.1989	

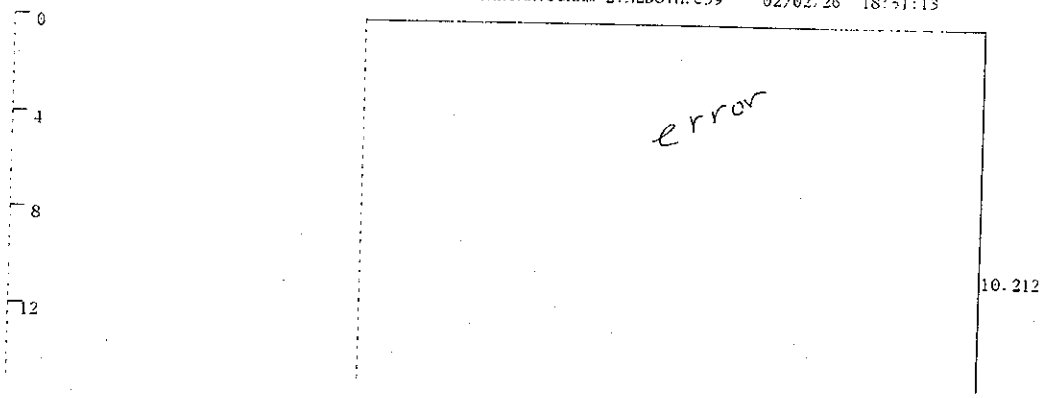
C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTH.C58 02/02/26 17:13:19



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	4.324	51	32				
	3	4.387	72	31	V	11	0.1102	TOLUENE
	4	12.857	21	25		16	0.0514	O-XYL
	TOTAL		144	88			0.1617	

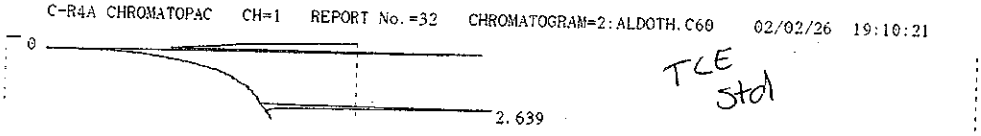
C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTH.C59 02/02/26 18:51:13



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	10.212	8774	2556		15	19.2056	M,P-XYL
	TOTAL		8774	2556			19.2056	

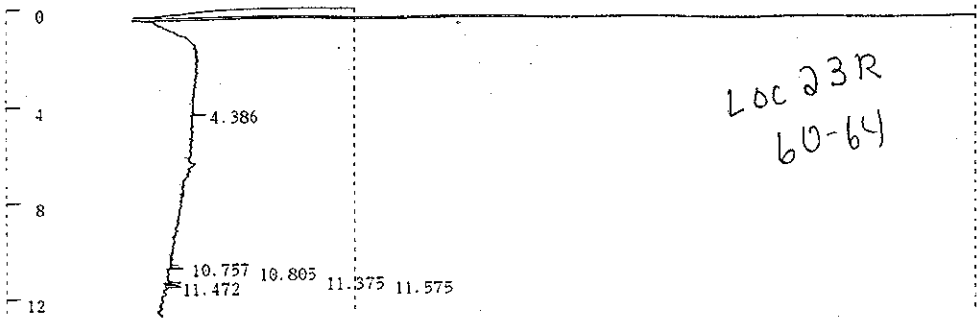
C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:ALDOTH.C60 02/02/26 19:10:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.639	2969	520		10	44.0614	TCE
	TOTAL		2969	520			44.0614	

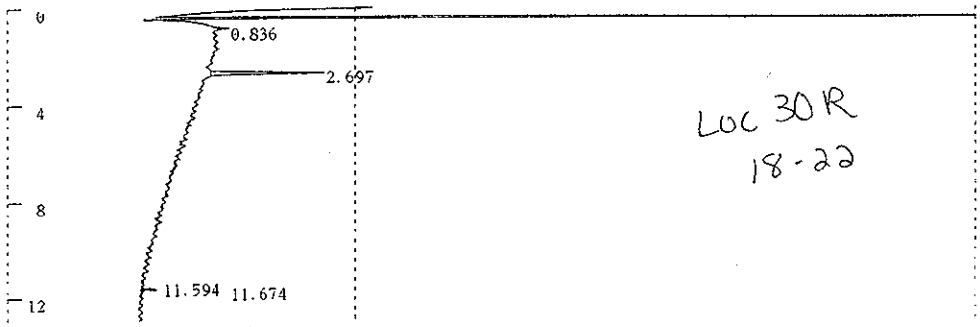
C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:ALDOTH.C61 02/02/26 19:15:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	4.386	68	32		11	0.1047	TOLUENE
	3	10.757	28	29		15	0.0611	M,P-XYL
	4	10.805	58	34	V	15	0.1259	M,P-XYL
	5	11.375	59	33				
	6	11.472	28	24				
	7	11.575	159	34				
		TOTAL	400	185			0.2917	

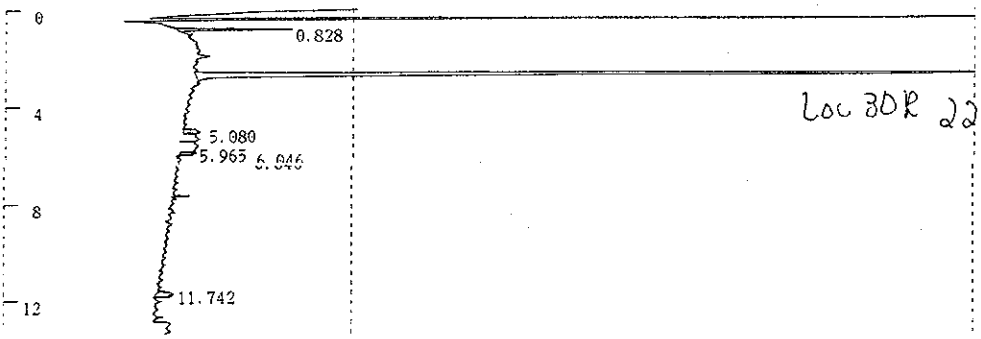
C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOTH.C62 02/02/26 19:30:09



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.836	98	26		3	1.2395	1,1-DCE
	2	2.697	1498	265		10	22.2304	TCE
	3	11.594	22	25				
	4	11.674	117	35	V			
		TOTAL	1734	351			23.4699	

C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:ALDOTH.C63 02/02/26 19:44:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.828	1073	268		3	13.6322	1,1-DCE
	3	2.707	15475	2614		10	229.6954	TCE
	4	5.08	322	39				
	5	5.965	178	39		12	2.2237	PCE
	6	6.046	85	36	V	12	1.0675	PCE
	8	11.742	449	39				
		TOTAL	17582	3034			246.6188	

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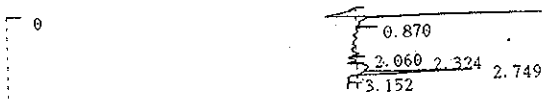
C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:ALDOTH.C64 02/02/26 20:05:21

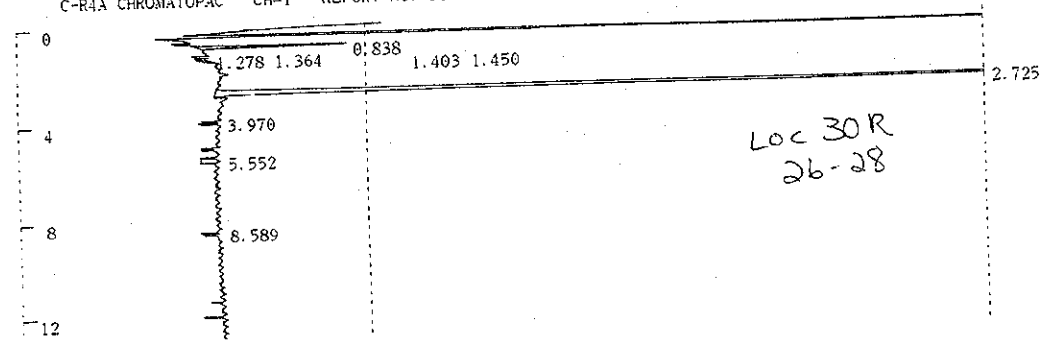


Loc 30R
22-26
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.87	115	50		3	1.4656	1,1-DCE
	2	2.06	39	33		8		1,2-DCA
	3	2.324	59	37				
	4	2.749	1184	253		10	17.5771	TCE
	5	3.152	27	30				
		TOTAL	1425	404			19.0427	

C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:ALDOTH.C65 02/02/26 20:11:14

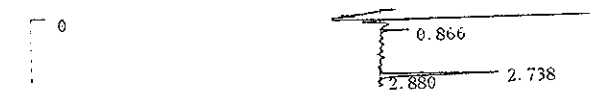


Loc 30R
26-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.838	1360	341		3	17.2771	1,1-DCE
	2	1.278	44	34		5	0.6571	1,1-DCA
	3	1.364	21	27				
	4	1.403	46	26				
	5	1.45	33	15		6	0.5252	C-DCE
	6	2.725	14889	2607		10	221.0019	TCE
	7	3.97	109	34				
	8	5.552	384	43		12	4.7987	PCE
	9	8.589	132	40				
		TOTAL	17018	3164			244.2599	

C-R4A CHROMATOPAC CH=1 REPORT No.=39 CHROMATOGRAM=2:ALDOTH.C66 02/02/26 20:26:40

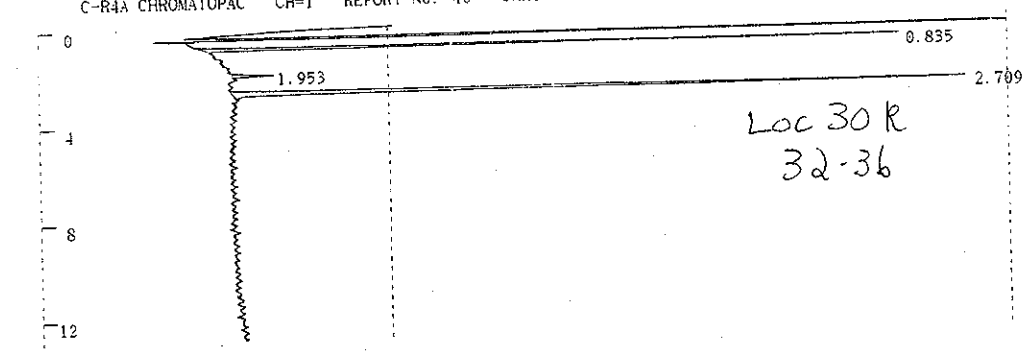


Loc 30R
26-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.866	136	59		3	1.731	1,1-DCE
	2	2.738	1326	270		10	19.6759	TCE
	3	2.88	26	13	V			
		TOTAL	1488	342			21.4069	

C-R4A CHROMATOPAC CH=1 REPORT No.=40 CHROMATOGRAM=2:ALDOTH.C67 02/02/26 20:32:31



Loc 30R
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.835	6185	1577		3	78.5495	1,1-DCE
	2	1.953	504	94				
	3	2.709	9454	1656		10	140.3242	TCE
		TOTAL	16143	3327			218.8737	

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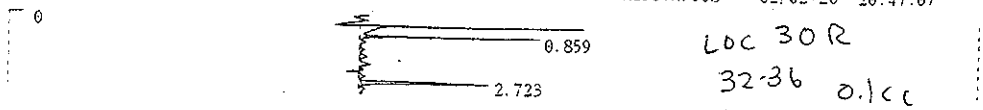
C-R4A CHROMATOPAC CH=1 REPORT No.=41 CHROMATOGRAM=2:ALDOTH.C68 02/02/26 20:47:07

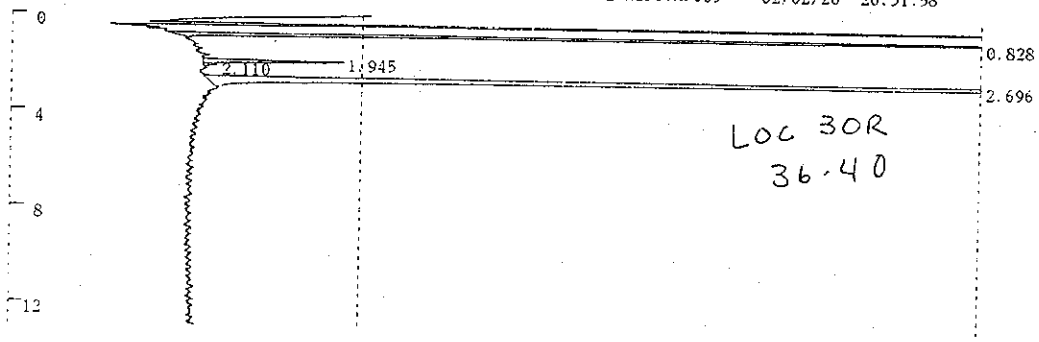


Loc 30R
32-36 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.859	911	390		3	11.5659	1,1-DCE
	2	2.723	1329	282		10	19.7204	TCE
	TOTAL		2239	671			31.2863	

C-R4A CHROMATOPAC CH=1 REPORT No.=42 CHROMATOGRAM=2:ALDOTH.C69 02/02/26 20:51:58

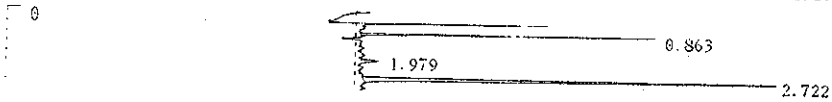


Loc 30R
36-40

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.828	15165	3561		3	192.5891	1,1-DCE
	2	1.945	1905	324				
	3	2.11	125	28	V	9	0.1697	BENZENE
	4	2.696	60923	10107		10	904.2725	TCE
	TOTAL		78117	14021			1097.0313	

C-R4A CHROMATOPAC CH=1 REPORT No.=43 CHROMATOGRAM=2:ALDOTH.C70 02/02/26 21:06:49



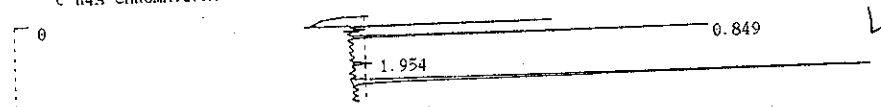
Loc 30R
36-40
0.1cc

C-R4A CHROMATOPAC CH=1 REPORT No.=44 CHROMATOGRAM=2:ALDOTH.C70 02/02/26 21:06:49

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.863	1538	667		3	19.5288	1,1-DCE
	2	1.979	184	39		8		1,2-DCA
	3	2.722	4545	937		10	67.4555	TCE
	TOTAL		6266	1642			86.9843	

C-R4A CHROMATOPAC CH=1 REPORT No.=45 CHROMATOGRAM=2:ALDOTH.C71 02/02/26 21:16:56



Loc 30R
36-40 dup
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.849	1877	806		3	23.843	1,1-DCE
	2	1.954	177	43				
	3	2.704	5853	1174		10	86.879	TCE
	TOTAL		7908	2023			110.722	

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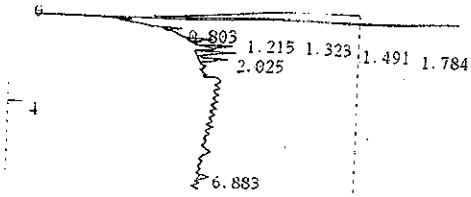
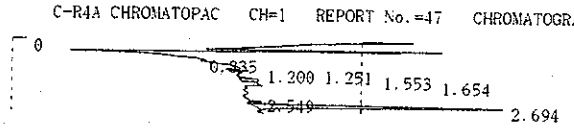


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.803	161	45		3	2.0422	1,1-DCE
	2	1.215	260	56		5	3.9167	1,1-DCA
	3	1.323	24	24	V			
	4	1.491	264	62		6	4.1781	C-DCE
	5	1.784	560	88		7	4.3649	TCA
	6	2.025	430	60	V	8		1,2-DCA
	7	6.883	215	24				
		TOTAL	1913	358			14.5018	

C-R4A CHROMATOPAC CH=1 REPORT No.=47 CHROMATOGRAM=2:ALDOTH.C73 02/02/26 21:38:32

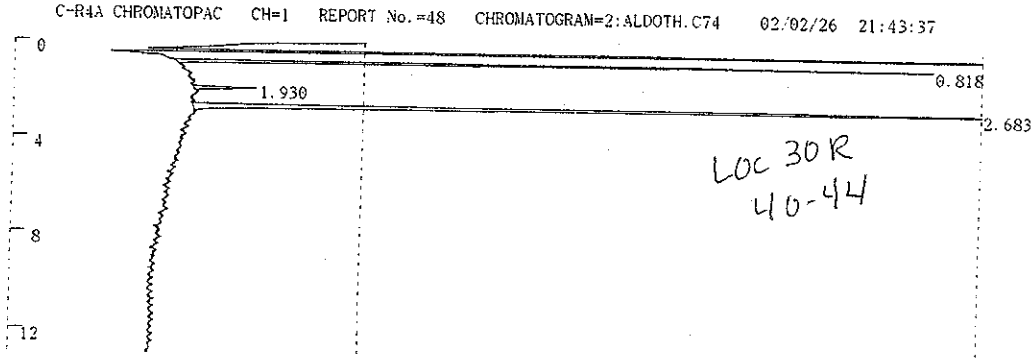


TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.835	33	12		3	0.4178	1,1-DCE
	4	1.2	40	26		5	0.5968	1,1-DCA
	5	1.251	61	33		5	0.9193	1,1-DCA
	6	1.553	35	25		6	0.5474	C-DCE
	7	1.654	285	41	V			
	8	2.549	132	30		10	1.9637	TCE
	9	2.694	3355	563		10	49.8027	TCE
		TOTAL	3941	731			54.2477	

C-R4A CHROMATOPAC CH=1 REPORT No.=48 CHROMATOGRAM=2:ALDOTH.C74 02/02/26 21:43:37



LOC 30R
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.818	6815	1721		3	86.553	1,1-DCE
	2	1.93	776	142				
	3	2.683	13504	2296		10	200.4428	TCE
		TOTAL	21095	4159			286.9958	

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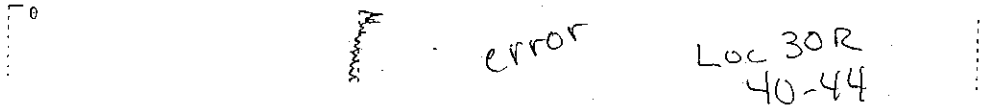
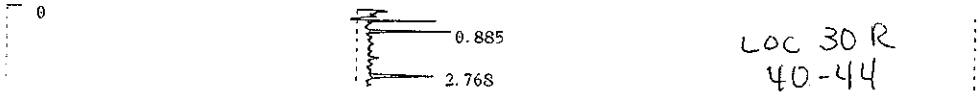
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=49 CHROMATOGRAM=2:ALDOTH.C75 02/02/26 21:58:35



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

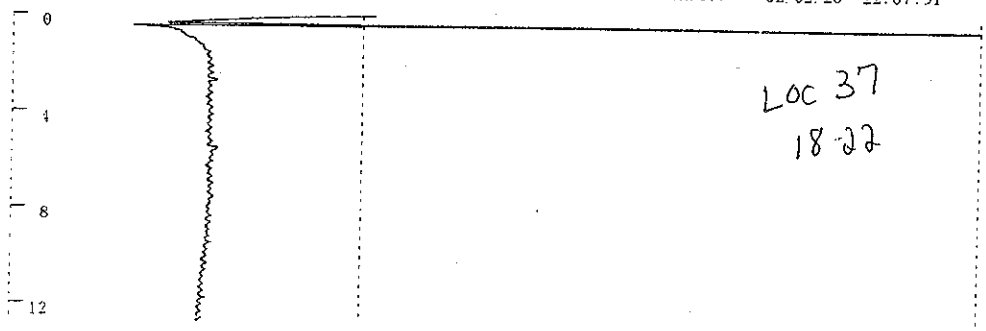
C-R4A CHROMATOPAC CH=1 REPORT No.=50 CHROMATOGRAM=2:ALDOTH.C76 02/02/26 22:02:30



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.885	607	186				
	2	2.768	759	145		10	11.2688	TCE
		TOTAL	1366	330			11.2688	

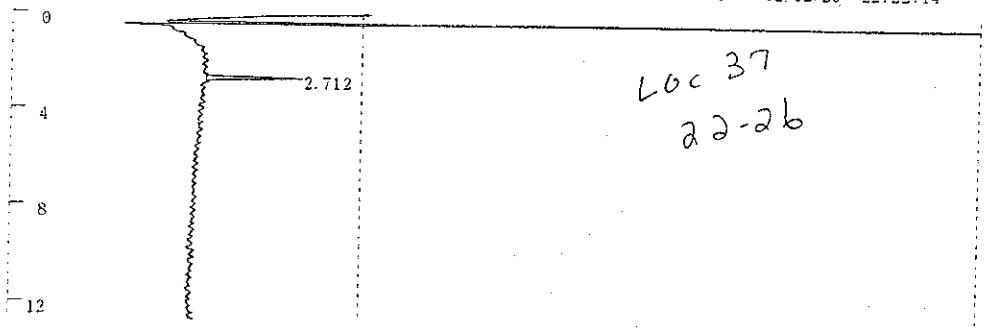
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=51 CHROMATOGRAM=2:ALDOTH.C77 02/02/26 22:07:51



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

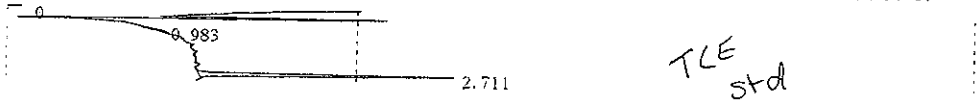
C-R4A CHROMATOPAC CH=1 REPORT No.=52 CHROMATOGRAM=2:ALDOTH.C78 02/02/26 22:22:14



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.712	1211	217		10	17.9719	TCE
		TOTAL	1211	217			17.9719	

C-R4A CHROMATOPAC CH=1 REPORT No.=53 CHROMATOGRAM=2:ALDOTH.C79 02/02/26 22:36:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.983	157	11				
2		2.711	3292	583		10	48.8617	TCE
		TOTAL	3449	594			48.8617	

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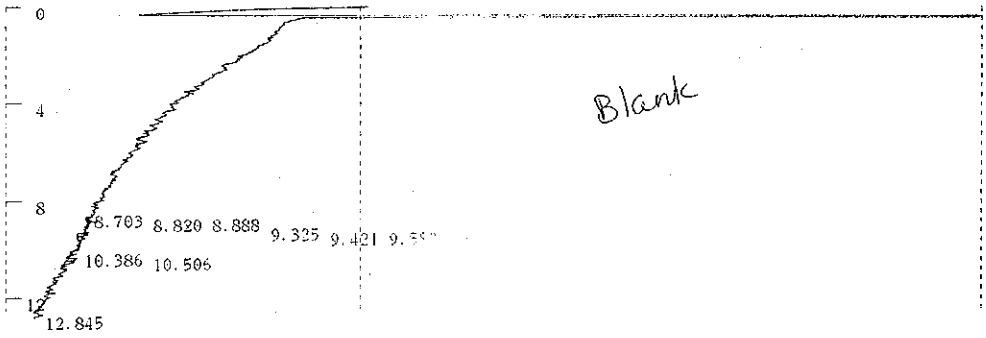
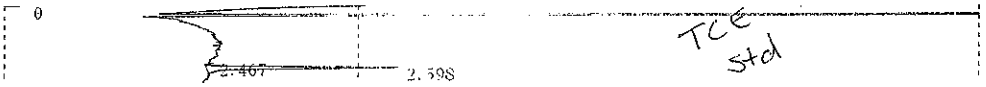
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT1.C02 02/02/27 09:37:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	8.703	27	13				
	5	8.82	36	12				
	6	8.888	37	31				
	7	9.325	34	16		14	0.0697	EBZ
	8	9.421	101	26		14	0.2058	EBZ
	9	9.589	99	18	V	14	0.2004	EBZ
	10	10.386	89	22		15	0.1937	M.P-XYL
	11	10.506	108	22	V	15	0.2355	M.P-XYL
	12	12.845	51	23		16	0.1248	O-XYL
		TOTAL	581	184			1.03	

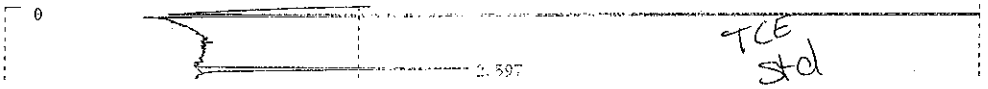
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT1.C03 02/02/27 09:52:22



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.467	28	13				
	2	2.598	2665	436	V	10	39.5536	TCE
		TOTAL	2693	450			39.5536	

C-R4A CHROMATOGRAM CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOT1.C04 02/02/27 09:57:25



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.597	3550	611		10	52.6971	TCE
		TOTAL	3550	611			52.6971	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOT1.C05 02/02/27 10:01:48

DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.797	130	40		3	1.6561	1,1-DCE
	2	1.197	253	56		5	3.8157	1,1-DCA
	3	1.463	157	39		6	2.4758	C-DCE
	4	1.7	45	19		7	0.3494	TCA
	5	1.741	116	43	V	7	0.9048	TCA
	6	1.78	64	32	V	7	0.4953	TCA
	7	2.038	209	43		8		1,2-DCA
		TOTAL	973	269			9.6972	

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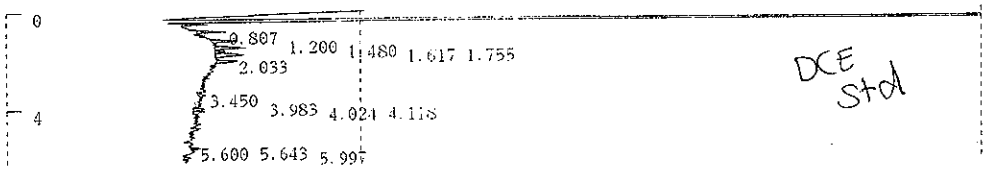
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT1.C05 02/02/27 10:01:48

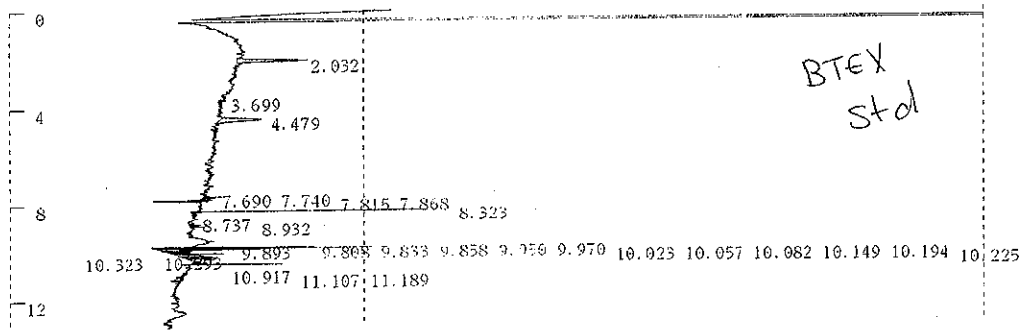
* PEAK PROC/CALC ERROR * CH=1, 8:Type ... atch of file
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT1.C06 02/02/27 10:11:48



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.807	228	67		3	2.8994	1,1-DCE
	2	1.2	280	59		5	4.2181	1,1-DCA
	3	1.48	335	72		6	5.295	C-DCE
	4	1.617	86	23	V			
	5	1.755	391	67	V	7	3.0475	TCA
	6	2.033	254	49		8		1,2-DCA
	7	3.45	75	17				
	8	3.983	22	12				
	9	4.024	108	25	V			
	10	4.118	113	27	V			
	11	5.6	42	19		12	0.5275	PCE
	12	5.643	60	22	V	12	0.7537	PCE
	13	5.997	56	21		12	0.7025	PCE
	TOTAL		2050	468			17.4437	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOT1.C07 02/02/27 10:20:48



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.032	827	157		8		1,2-DCA
	3	3.699	52	18				
	4	4.479	720	92		11	1.1023	TOLUENE
	6	7.69	65	40				
	7	7.74	41	30	V			
	8	7.815	24	40				
	9	7.868	176	72				
	11	8.323	24	26				
	12	8.737	37	10				
	15	8.932	72	28	V			
	16	9.808	220	366		14	0.4466	EBZ
	17	9.833	189	345	V	14	0.3849	EBZ
	18	9.858	303	515	V	14	0.6155	EBZ
	19	9.893	360	471	V	14	0.7315	EBZ
	20	9.95	64	55	V	14	0.1305	EBZ
	21	9.97	140	60	V	14	0.2851	EBZ
	22	10.023	122	51	V	14	0.2479	EBZ
	23	10.057	89	50	V	14	0.1804	EBZ
	24	10.082	129	103	V	14	0.2613	EBZ
	25	10.149	186	63	V	14	0.3777	EBZ
	26	10.194	180	71	V	15	0.3947	M,P-XYL
	27	10.225	161	79	V	15	0.3531	M,P-XYL
	28	10.293	99	49	V	15	0.2167	M,P-XYL
	29	10.323	190	53	V	15	0.4155	M,P-XYL
	30	10.917	47	13		15	0.1022	M,P-XYL
	31	11.107	83	18				
	32	11.189	22	23				
	TOTAL		4621	2609			6.2459	

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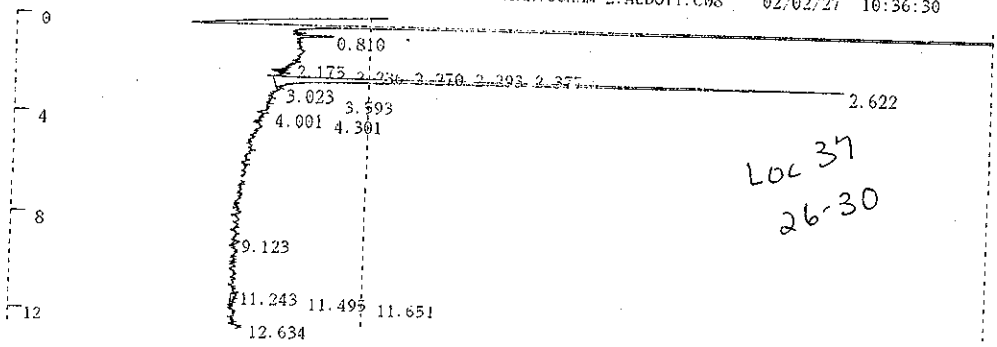
C-R4A CHROMATOPAC CH=1 REPORT No. 9 CHROMATOGRAM=2:ALDOTI.C08 02/02/27 10:36:30

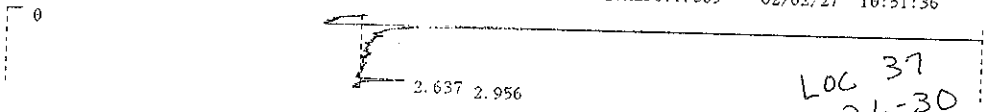


Loc 37
26-30

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.81	312	83		3	3.9662	1,1-DCE
	3	2.175	56	23		9	0.076	BENZENE
	4	2.236	52	35				
	5	2.27	36	29	V			
	6	2.293	43	21	V			
	7	2.377	54	24	V			
	8	2.622	7891	1285	S	10	117.1276	TCE
	11	3.023	60	14	T			
	12	3.593	31	13				
	13	4.001	38	18				
	14	4.301	39	14				
	15	9.123	89	12				
	16	11.243	44	15				
	17	11.495	150	17				
	18	11.651	81	14	V			
	19	12.634	41	15		16	0.1002	O-XYL
	TOTAL		9017	1631			121.27	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTI.C09 02/02/27 10:51:36

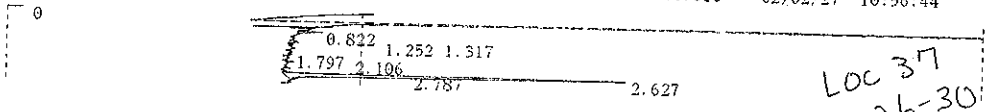


Loc 37
26-30
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.637	464	101		10	6.8842	TCE
	2	2.956	27	18				
	TOTAL		491	119			6.8842	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTI.C10 02/02/27 10:56:44



Loc 37
26-30
0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.822	155	56		3	1.971	1,1-DCE
	2	1.252	77	21		5	1.1589	1,1-DCA
	3	1.317	26	14	V			
	4	1.797	40	16		7	0.3151	TCA
	5	2.106	20	17		9	0.0273	BENZENE
	6	2.627	4003	769	S	10	59.4121	TCE
	7	2.787	21	13	T	10	0.3073	TCE
	TOTAL		4342	906			63.1917	

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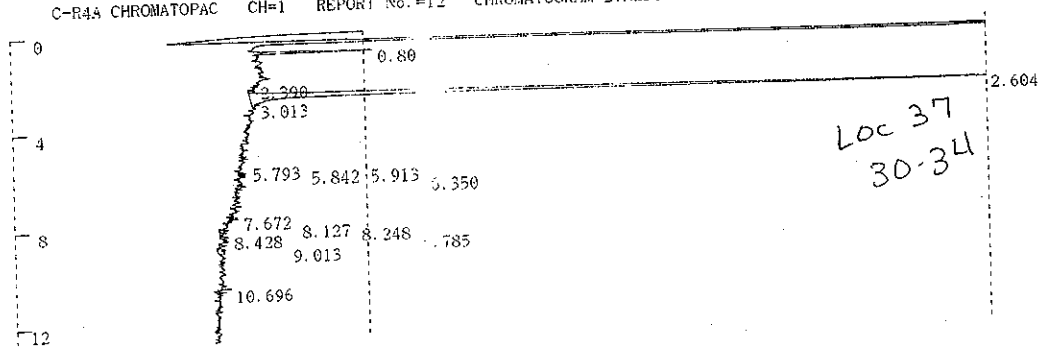
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTI.C11 02/02/27 11:02:10

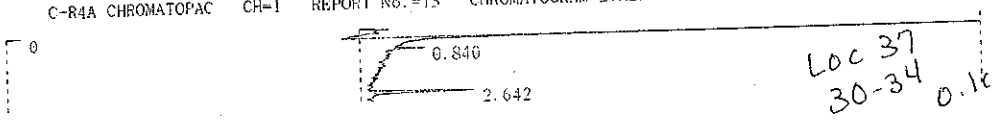


Loc 37
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.8	959	253		3	12.1768	1,1-DCE
	2	2.39	76	13				
	3	2.604	10583	74	SV	10	157.0849	TCE
	5	3.013	22	12	T			
	6	5.793	33	14		12	0.4075	PCE
	7	5.842	34	17	V	12	0.425	PCE
	8	5.913	26	15	V	12	0.3287	PCE
	9	6.35	61	21				
	10	7.672	47	18				
	11	8.127	91	22				
	12	8.248	46	16	V			
	13	8.428	103	21	V			
	14	8.785	56	15				
	15	9.013	169	16				
	16	10.696	68	24		15	0.1484	M,P-XYL
		TOTAL	12375	2151			170.5713	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTI.C12 02/02/27 11:17:14



Loc 37
30-34 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.84	150	69		3	1.8999	1,1-DCE
	2	2.642	1081	228		10	16.0512	TCE
		TOTAL	1231	297			17.9511	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not opened
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTI.C14 02/02/27 11:28:19

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTI.C14 02/02/27 11:28:19

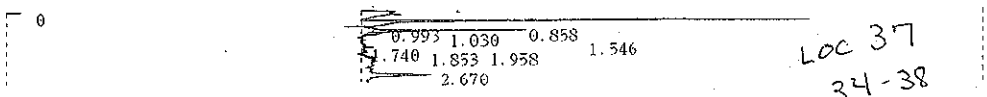
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.815	13492	3184		3	171.3458	1,1-DCE
	2	1.899	953	173		7	7.4357	TCA
	3	2.63	11040	1794		10	163.8682	TCE
	4	7.337	58	26				
	5	7.51	102	19	V			
		TOTAL	25646	5196			342.6497	

Loc 37
34-38-

073 223-02000-12 90515 ⊕ Shinadou

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTI.C15 02/02/27 11:45:36

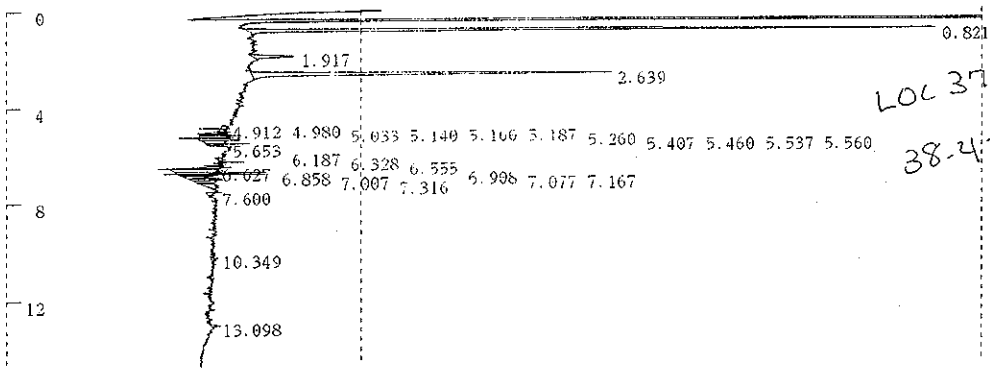


Loc 37
34-38
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.858	1058	346		3	13.4391	1,1-DCE
	2	0.993	124	35	V			
	3	1.03	54	30	V			
	4	1.546	30	25		6	0.4667	C-DCE
	5	1.74	33	9		7	0.2558	TCA
	6	1.853	62	13		7	0.4797	TCA
	7	1.958	44	24	V			
	8	2.67	649	133		10	9.639	TCE
		TOTAL	2053	614			24.2804	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTI.C16 02/02/27 11:50:49

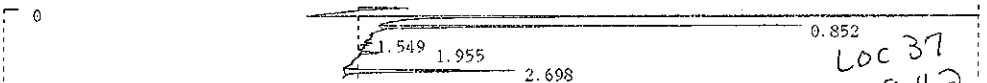


Loc 37
38-42

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.821	6351	1556		3	80.6513	1,1-DCE
	2	1.917	513	90				
	3	2.639	4733	811		10	70.2578	TCE
	4	4.912	87	22				
	5	4.98	52	15	V			
	6	5.033	182	26				
	7	5.14	84	56				
	8	5.16	74	67	V			
	9	5.187	197	64	V			
	10	5.26	289	70	V			
	11	5.407	463	84				
	12	5.46	233	52	V			
	13	5.537	49	43	V			
	14	5.56	134	85	V	12	1.6762	PCE
	15	5.653	43	18		12	0.5325	PCE
	16	6.187	73	13				
	17	6.328	38	38	V			
	18	6.555	260	71				
	19	6.627	809	113				
	20	6.858	717	196	V			
	21	6.908	194	84				
	22	7.007	289	66	V			
	23	7.077	239	65	V			
	24	7.167	240	44	V			
	25	7.316	270	29	V			
	26	7.6	98	15				
	27	10.349	51	12		15	0.1105	M,P-XYL
	28	13.098	69	10		16	0.1677	O-XYL
		TOTAL	16827	3825			153.3962	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTI.C17 02/02/27 12:11:13



Loc 37
38-42
0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.852	2946	949		3	37.4193	1,1-DCE
	2	1.549	56	22		6	0.878	C-DCE
	3	1.955	180	41				
	4	2.698	2095	386		10	31.1005	TCE
		TOTAL	5277	1398			69.3978	

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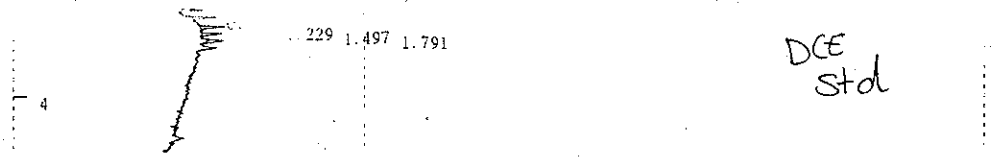
223-02000-12 90515 ⊕ Shimadzu



DCE Std

223-02000-12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.809	217	56		3	2.761	1,1-DCE
	2	1.229	251	53		5	3.7856	1,1-DCA
	3	1.497	215	41		6	3.4076	C-DCE
	4	1.791	208	36		7	1.6224	TCA
		TOTAL	892	188			11.5766	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTI.C19 02/02/27 12:24:45

TCE Std

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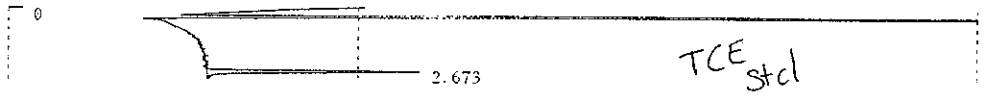
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.671	2183	374		10	32.3963	TCE
		TOTAL	2183	374			32.3963	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTI.C20 02/02/27 12:35:06



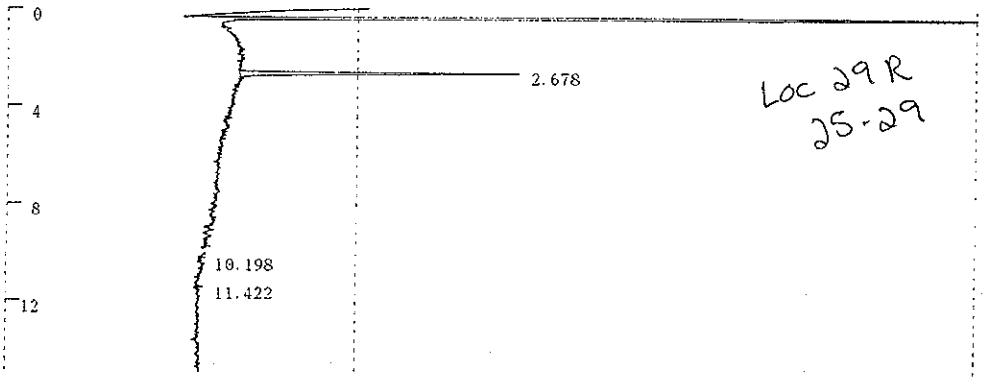
TCE Stcl

⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.673	2970	489		10	44.0778	TCE
		TOTAL	2970	489			44.0778	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTI.C21 02/02/27 12:39:30

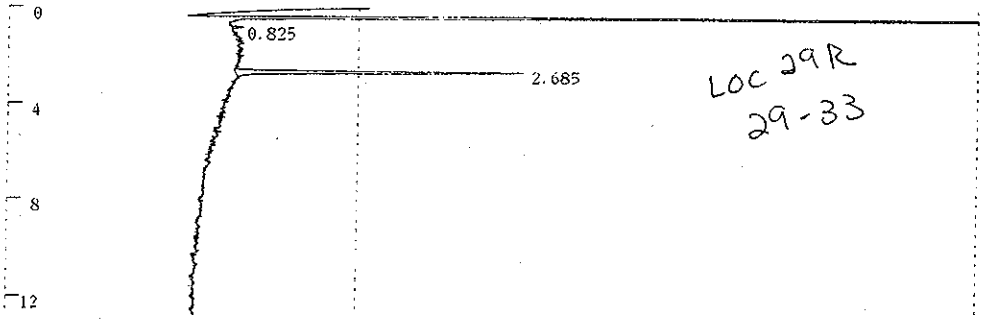


Loc 29R 25-29

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.678	3795	638		10	56.3277	TCE
	2	10.198	38	16		15	0.0834	M,P-XYL
	3	11.422	33	17				
		TOTAL	3866	672			56.4111	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTI.C22 02/02/27 13:05:57



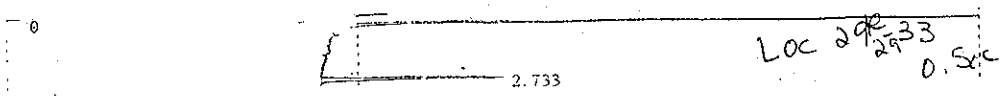
Loc 29R 29-33

077

223-02000-12

** CALCULATION REPORT **

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOT1.C23 02/02/27 13:26:05



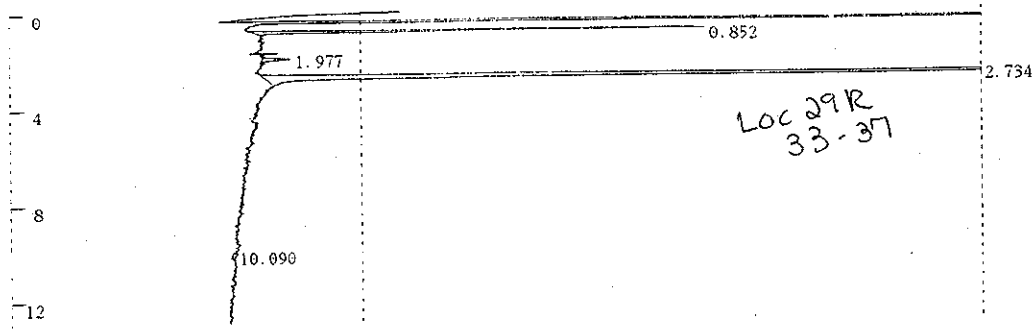
Loc 29R 33 0.5cc

⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.733	2188	413		10	32.4794	TCE
		TOTAL	2188	413			32.4794	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOT1.C24 02/02/27 13:30:29

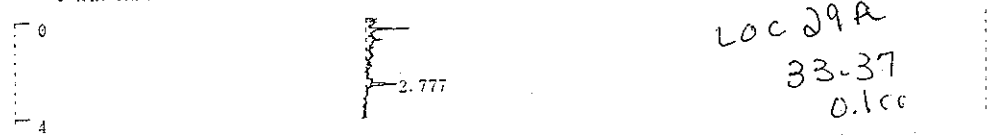


Loc 29R 33-37

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.852	4119	1025		3	52.3075	1,1-DCE
	2	1.977	358	65		8		1,2-DCA
	4	2.734	19833	3309		10	294.3767	TCE
	5	10.09	125	12		14	0.254	EBZ
		TOTAL	24434	4410			346.9382	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOT1.C25 02/02/27 13:45:21



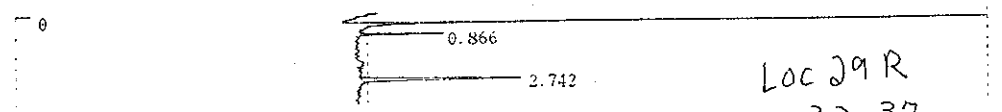
Loc 29R 33-37 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.777	297	62		10	4.4113	TCE
		TOTAL	297	62			4.4113	

078

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOT1.C26 02/02/27 13:51:15



Loc 29R 33-37 0.1cc

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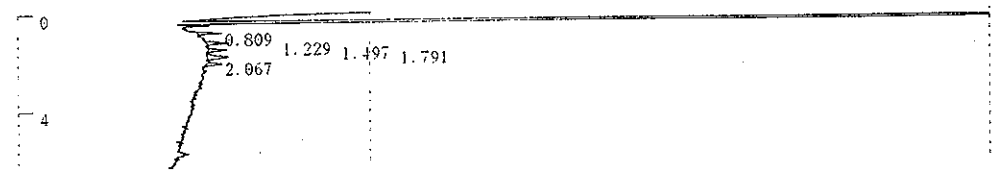
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.866	469	191		3	5.9601	1,1-DCE
	2	2.742	1730	357		10	25.6724	TCE
		TOTAL	2199	548			31.6326	

90515

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOT1.C18 02/02/27 12:16:45



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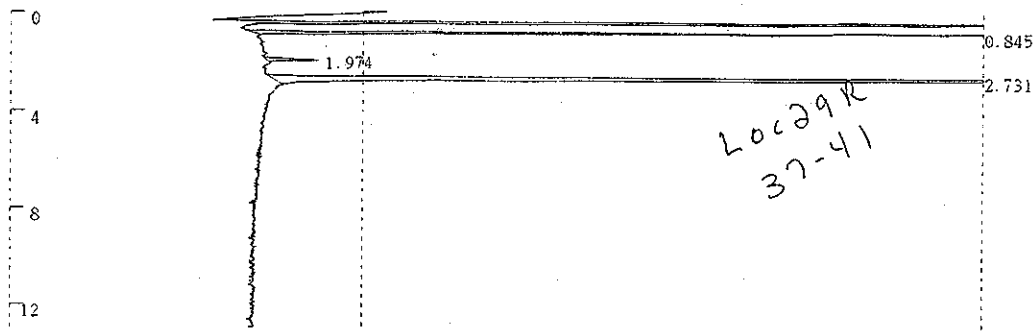
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.809	217	56		3	2.761	1,1-DCE
	2	1.229	251	53		5	3.7856	1,1-DCA
	3	1.497	215	44		6	3.4076	C-DCE
	4	1.791	354	49		7	2.7635	TCA
	5	2.067	217	36		8		1,2-DCA
		TOTAL	1255	238			12.7177	

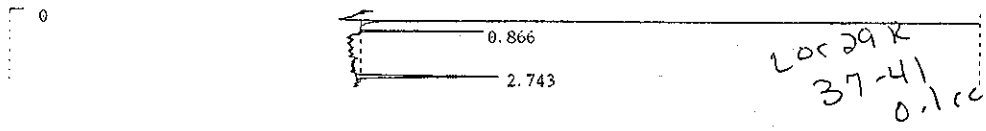
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOT1.C27 02/02/27 14:03:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.845	6918	1682		3	87.8624	1,1-DCE
	2	1.974	663	118		8		1,2-DCA
	3	2.731	17754	2944		10	263.5181	TCE
	TOTAL		25335	4743			351.3805	

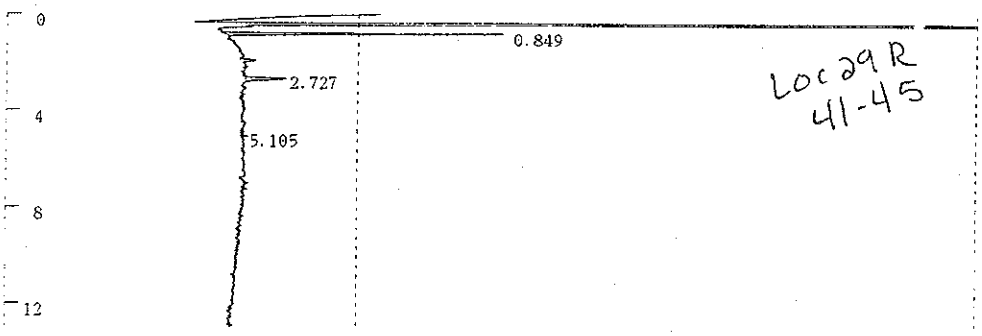
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOT1.C28 02/02/27 14:17:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.866	679	288		3	8.6208	1,1-DCE
	2	2.743	1598	327		10	23.7236	TCE
	TOTAL		2277	615			32.3443	

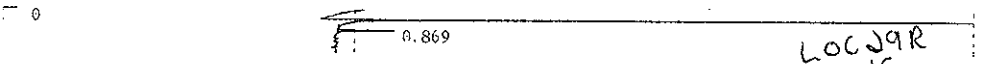
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOT1.C29 02/02/27 14:22:50



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.849	2522	637		3	32.0307	1,1-DCE
	2	2.727	527	93		10	7.8148	TCE
	3	5.105	21	15				
	TOTAL		3070	745			39.8455	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOT1.C30 02/02/27 14:37:24



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.869	309	132		3	3.9256	1,1-DCE
	TOTAL		309	132			3.9256	

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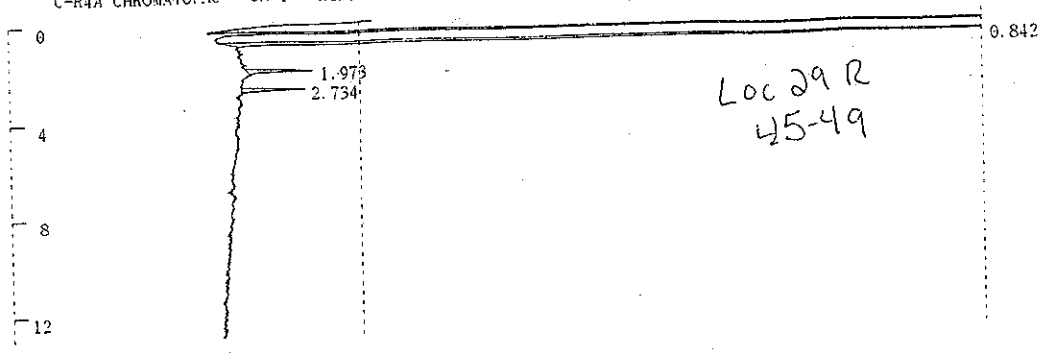
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOT1.C31 02/02/27 14:41:00

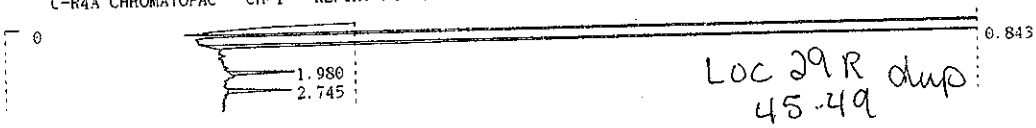


Loc 29 R
45-49

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.842	12276	3167		3	155.9026	1,1-DCE
	2	1.973	824	149		8		1,2-DCA
	3	2.734	796	145		10	11.8091	TCE
	TOTAL		13896	3461			167.7117	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOT1.C32 02/02/27 14:56:09

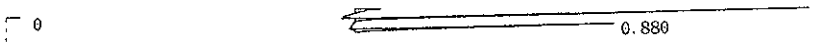


Loc 29 R dup
45-49

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.843	12874	3357		3	163.5036	1,1-DCE
	2	1.98	794	148		8		1,2-DCA
	3	2.745	801	147		10	11.8907	TCE
	TOTAL		14469	3651			175.3943	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOT1.C33 02/02/27 15:00:57



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.88	1622	586			0	
	TOTAL		1622	586				

Loc 29 R
45-49
0.1cc

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOT1.C34 02/02/27 15:06:00

Loc 29 R
45-49
10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.844	178	65		3	2.2606	1,1-DCE
	TOTAL		178	65			2.2606	

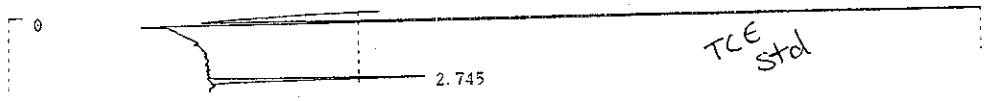
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOT1.C35 02/02/27 15:09:31

Loc 29 R dup
45-49 10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.832	174	49		3	2.2073	1,1-DCE
	TOTAL		174	49			2.2073	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOT1.C36 02/02/27 15:12:37



TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.745	2958	486		10	43.8997	TCE
	TOTAL		2958	486			43.8997	

080

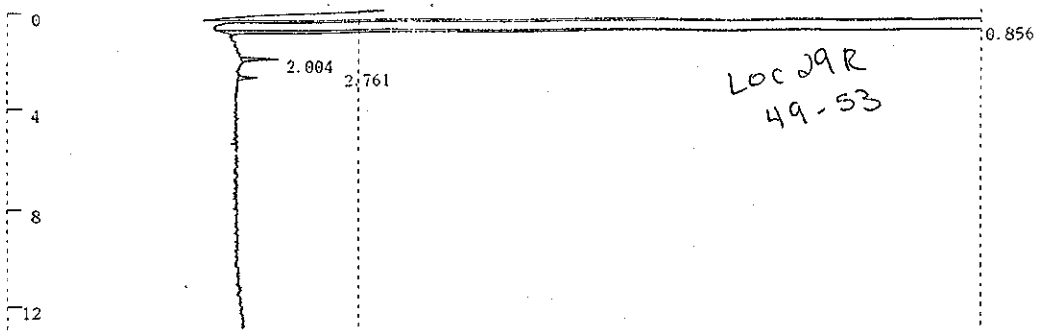
223-02000-12

90515

Standard

081

C-R4A CHROMATOPAC CH=1 REPORT No. 25 CHROMATOGRAM=2:ALDOT1.C37 02/02/27 15:17:14

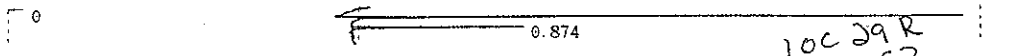


Loc 29R
49-53

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.856	7338	1813		3	93.1901	1,1-DCE
	2	2.004	454	83		8		1,2-DCA
	3	2.761	269	46		10	3.9883	TCE
	TOTAL		8060	1942			97.1784	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOT1.C38 02/02/27 15:31:38

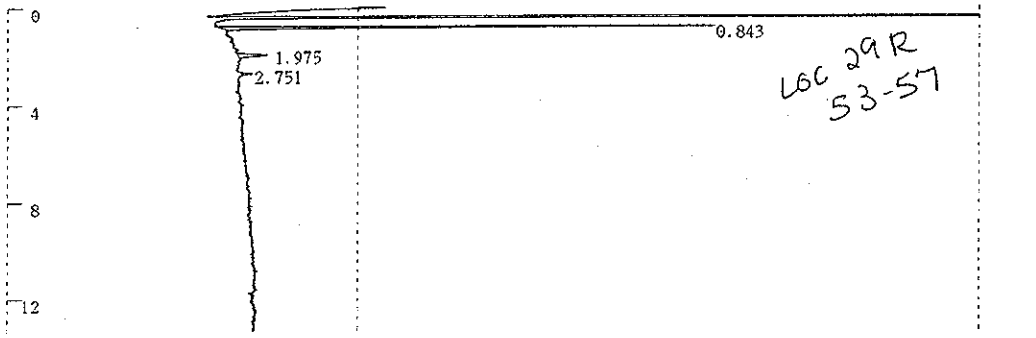


Loc 29R
49-53
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.874	940	389		3	11.9329	1,1-DCE
	TOTAL		940	389			11.9329	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOT1.C39 02/02/27 15:34:29

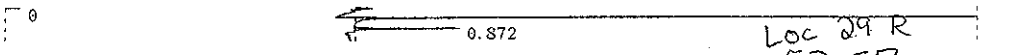


Loc 29R
53-57

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.843	4816	1121		3	61.1632	1,1-DCE
	2	1.975	402	66		8		1,2-DCA
	3	2.751	87	23		10	1.2958	TCE
	TOTAL		5306	1210			62.459	

C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOT1.C40 02/02/27 15:49:17



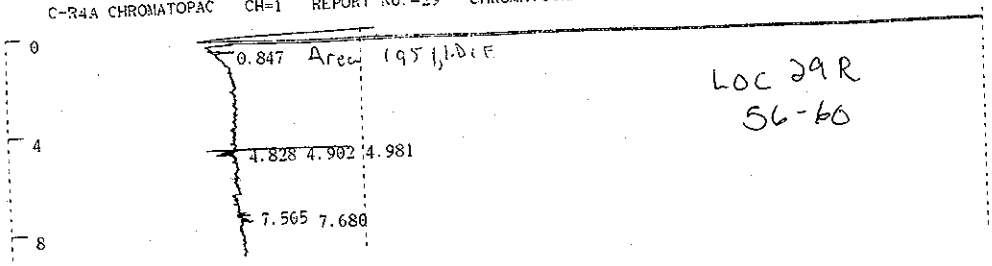
Loc 29R
53-57 0.1cc

** CALCULATION REPORT **

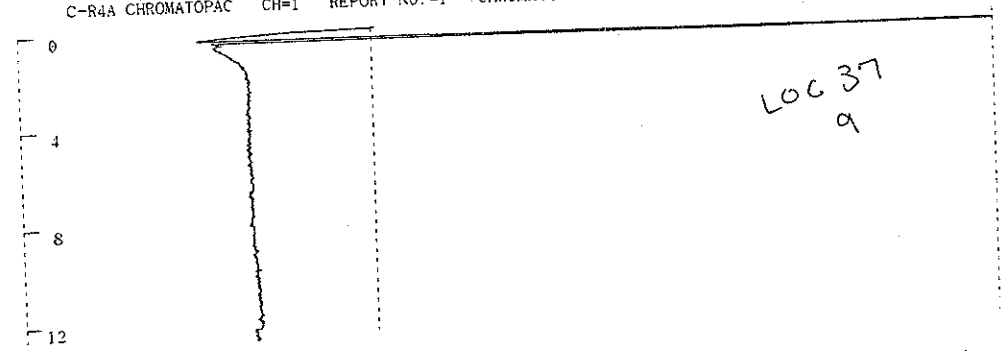
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.872	560	238		3	7.112	1,1-DCE
	TOTAL		560	238			7.112	

223-02000-12 90515 ⊕ Shimadzu 082 223-0200

C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOT1.C41 02/02/27 13:52:30



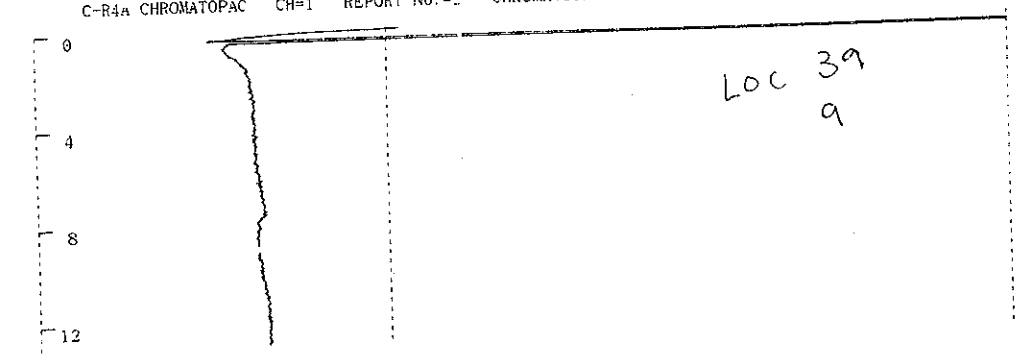
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (CRC)
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Not ready
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT1.C42 02/02/27 14:13:57



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

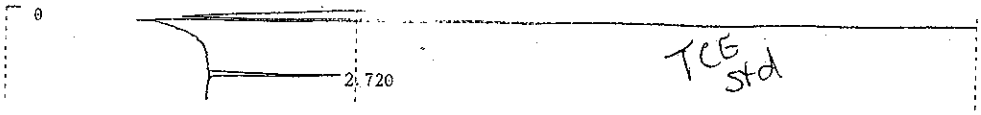
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOT1.C43 02/02/27 14:27:56



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

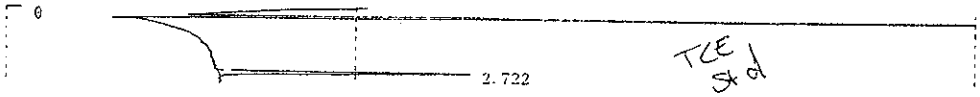
C-R4A CHROMATOPAC CH=1 REPOR CHROMATOGRAM=2:ALDOTI.C44 02/02/27 16:24:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.72	1831	299		10	27.1716	TCE
		TOTAL	1831	299			27.1716	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTI.C45 02/02/27 18:39:28

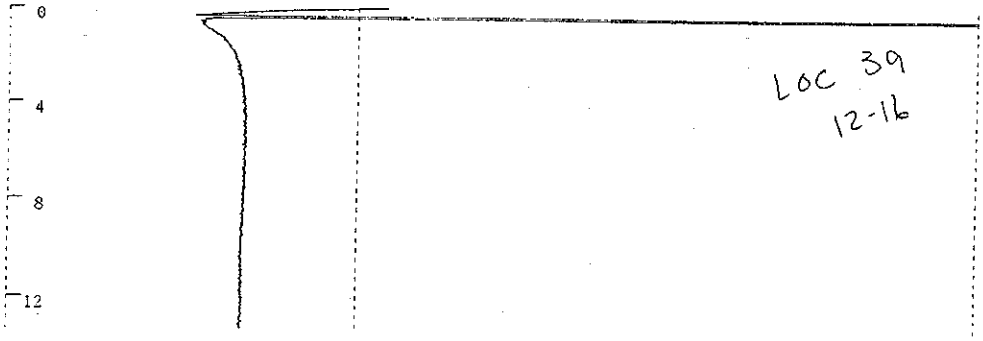


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.722	3424	574		10	50.8209	TCE
		TOTAL	3424	574			50.8209	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

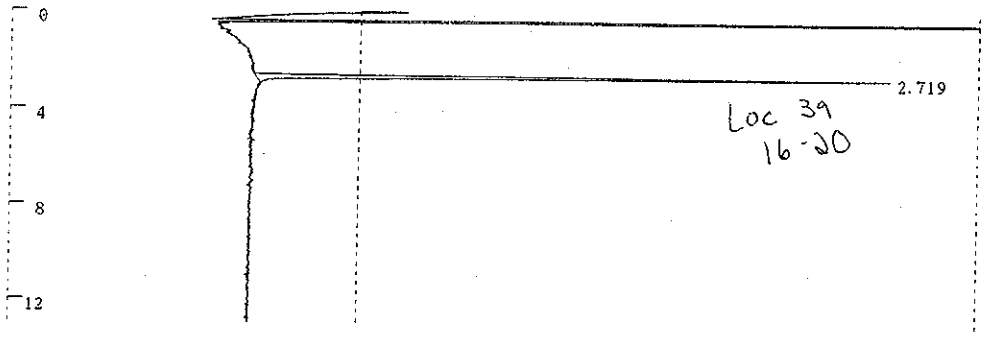
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTI.C46 02/02/27 18:43:57



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTI.C47 02/02/27 18:58:55

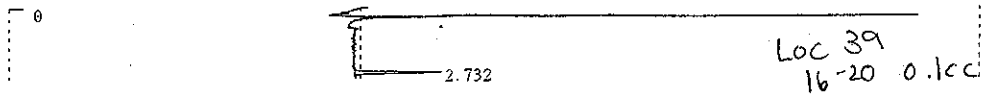


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.719	8855	1440		10	131.4407	TCE
		TOTAL	8855	1440			131.4407	

084
223-02000-12
90515

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOT1.C48 02/02/27 19:13:40



Loc 39
16-20 0.1cc

** CALCULATION REPORT **

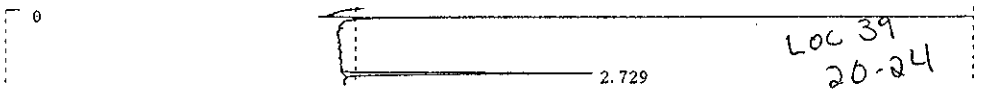
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.732	990	200		10	14.6916	TCE
		TOTAL	990	200			14.6916	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:AAA.C01 02/02/27 20:00:27

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOT1.C50 02/02/27 20:03:25



Loc 39
20-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.729	2786	568		10	41.3541	TCE
		TOTAL	2786	568			41.3541	

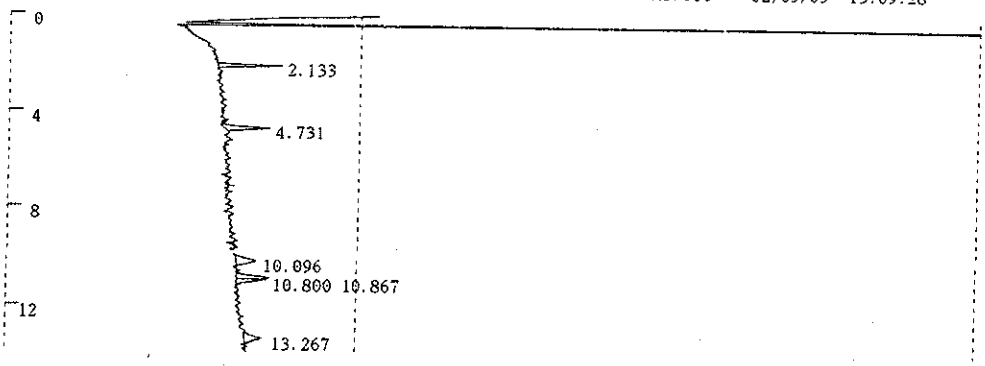
* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
R/W Error (Record)
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOT1.C51 02/02/27 20:10:08

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.85	196	48		3	2.4892	1,1-DCE
	2	2.721	33262	5357		10	493.7004	TCE
		TOTAL						

Loc 39
24-28

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 13:09:28

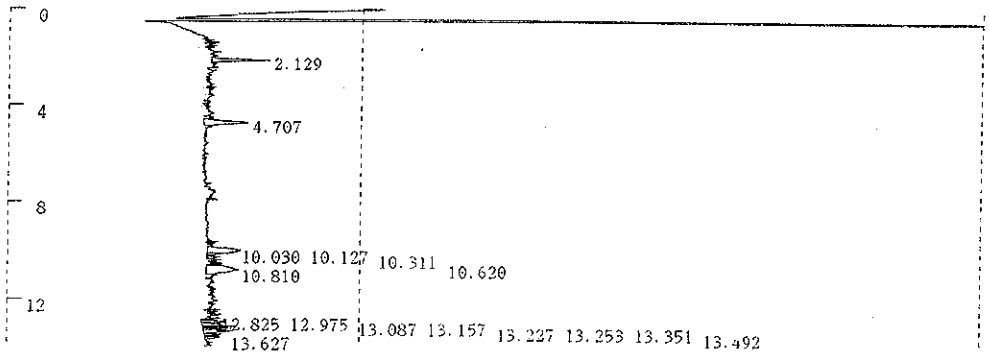


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.133	773	146		6		BENZENE
	2	4.731	882	104		8		TOLUENE
	4	10.096	618	47		10		EBZ
	5	10.8	627	75		11	1.7063	M-P XYLENE
	6	10.867	485	70	V	11	1.3192	M-P XYLENE
	8	13.267	463	40		12	1.2583	O-XYLENE
		TOTAL	3848	482			4.2837	

085

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 10:27:..

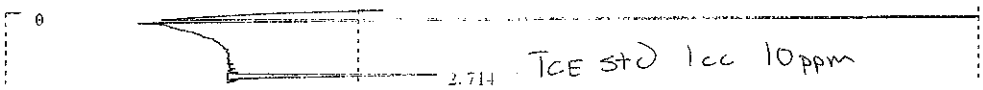


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	8	2.129	701	131				
	14	4.707	908	99	V	8		TOLUENE
	21	10.03	734	74	V			
	22	10.127	159	56	V			
	24	10.311	109	30	V			
	28	10.62	111	34	V			
	29	10.81	1044	73	V			
	37	12.825	116	32		12	0.2984	O-XYLENE
	39	12.975	224	57	V	12	0.6085	O-XYLENE
	40	13.087	290	44	V	12	0.788	O-XYLENE
	41	13.157	144	71	V	12	0.3914	O-XYLENE
	42	13.227	143	49	V	12	0.3895	O-XYLENE
	43	13.253	128	58	V	12	0.3471	O-XYLENE
	44	13.351	348	59	V	12	0.9474	O-XYLENE
	45	13.492	111	34	V	12	0.3022	O-XYLENE
	49	13.627	109	34	V	12	0.297	O-XYLENE
		TOTAL	5373	936			4.3694	

090

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 10:03:13

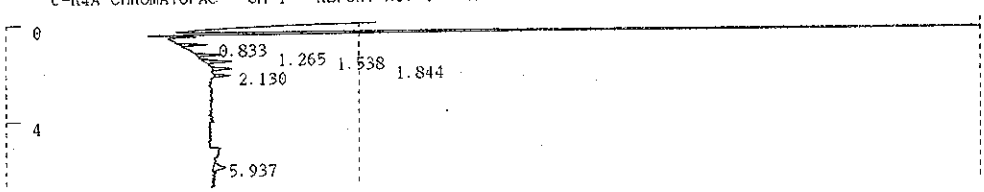


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	2.714	2893	477	V	7	86.2084	TCE
		TOTAL	2893	477			86.2084	

1	2	0.833	267	66				
	3	1.265	234	53		2		1,1-DCA
	5	1.538	337	61	V	3	6.6805	C-DCE
	6	1.844	226	44		4		1,1,1-TCA
	7	2.13	165	36		6		BENZENE
		TOTAL	1229	260			6.6805	

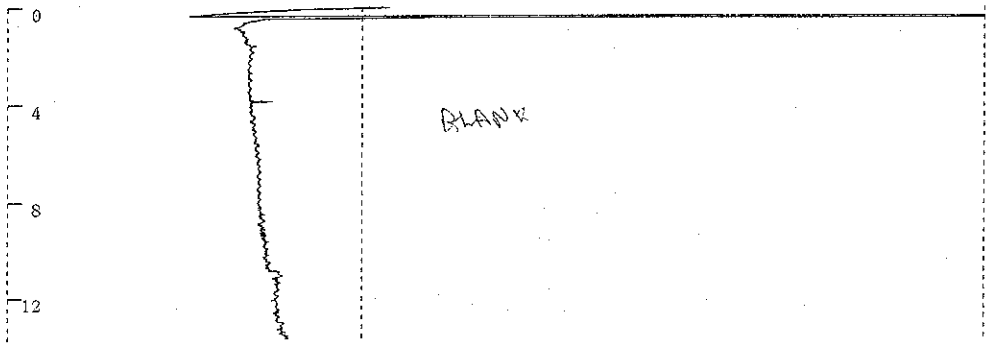
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 11:12:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.833	267	66				
	3	1.265	234	53		2		1,1-DCA
	5	1.538	337	61	V	3	6.6805	C-DCE
	6	1.844	226	44		4		1,1,1-TCA
	7	2.13	165	36		6		BENZENE
	8	5.937	298	27		9	9.0415	PCE
		TOTAL	1527	287			15.722	

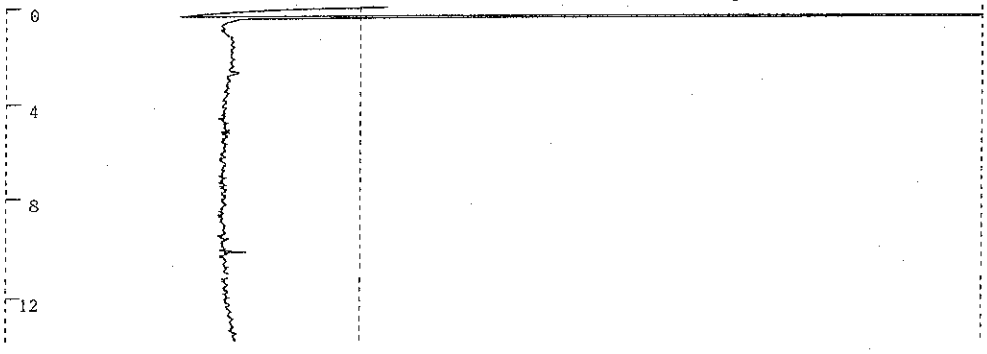
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 13:33:48



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

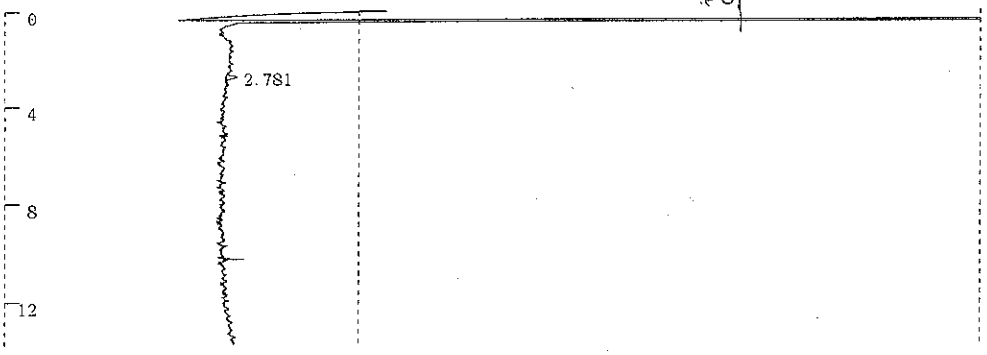
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=1:@CHRM1.C00 C01 02/03/05 13:49:13



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=1:@CHRM1.C00 C01 02/03/05 13:49:13



** CALCULATION REPORT **

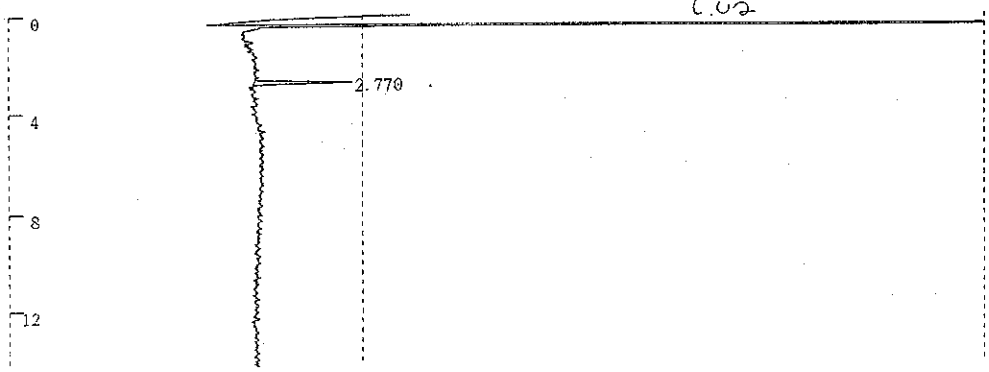
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.781	200	25		7	5.9511	TCE
		TOTAL	200	25			5.9511	

094 223-02000-12 90515 © Shimadzu

091

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 14:09:17

C02

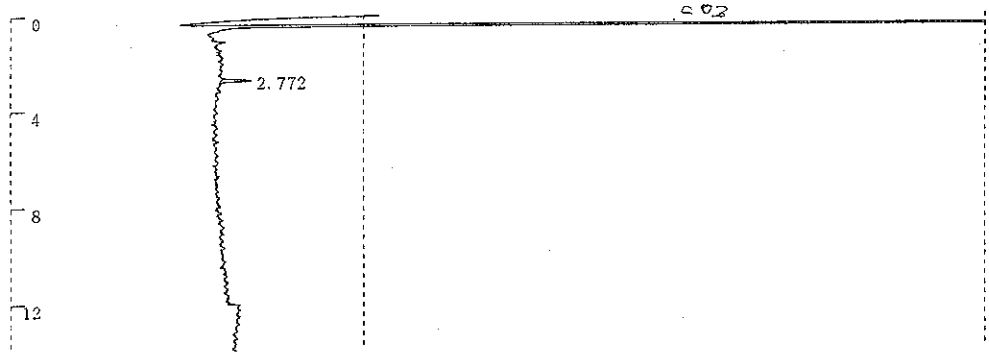


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.77	1293	219		7	19.1964	TCE
		TOTAL	1293	219			19.1964	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 14:26:46

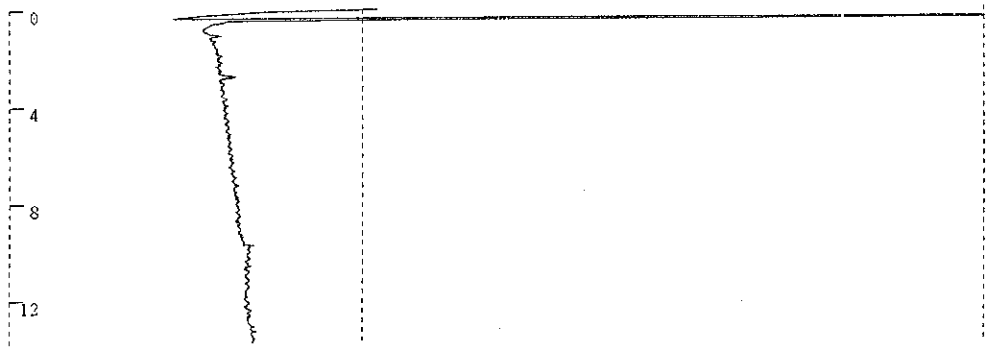
C03



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.772	387	69		7	5.7487	TCE
		TOTAL	387	69			5.7487	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 14:42:17



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

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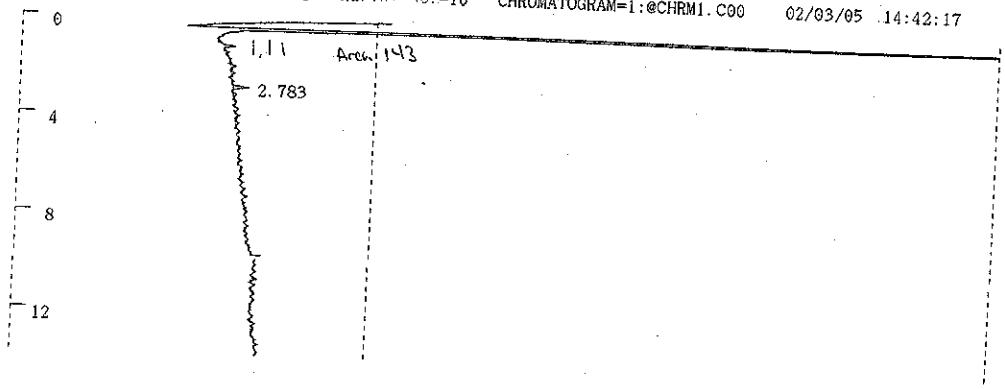
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 14:42:17



** CALCULATION REPORT **

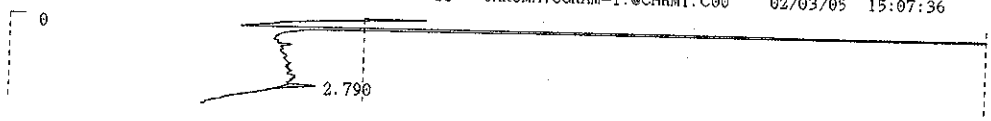
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.783	228	35		7	3.3857	TCE
	TOTAL		228	35			3.3857	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:07:36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.79	451	71		7	6.6868	TCE
	TOTAL		451	71			6.6868	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:07:36

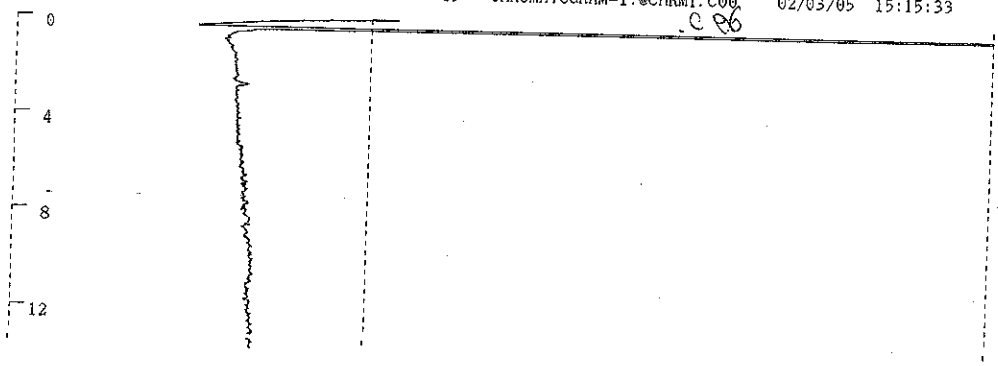


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.79	451	71		7	6.6868	TCE
	TOTAL		451	71			6.6868	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:15:33



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

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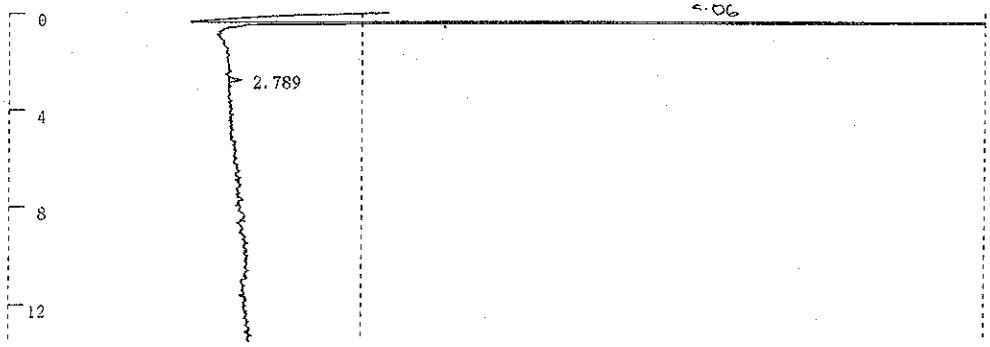
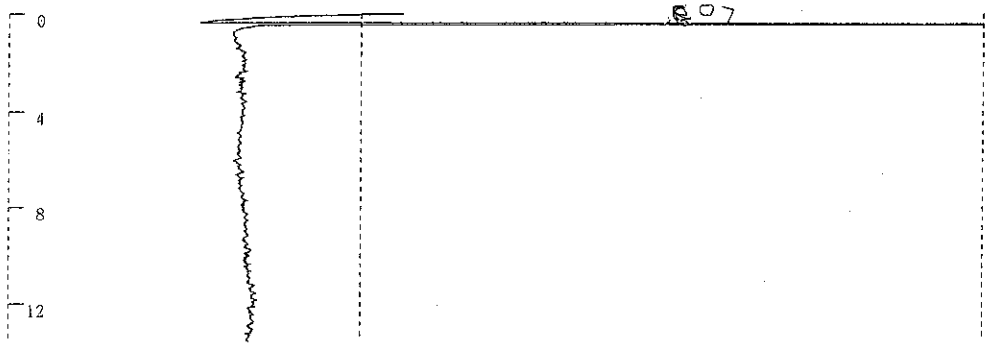
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:15:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.789	190	29		7	2.8172	TCE
		TOTAL	190	29			2.8172	

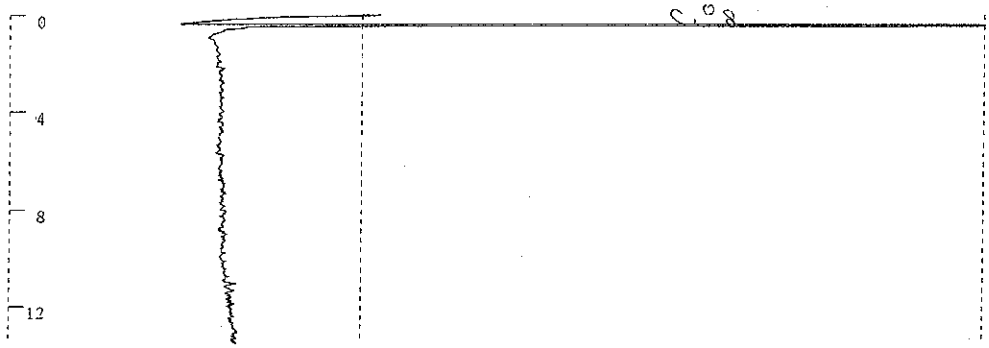
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:33:12



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 15:48:15



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

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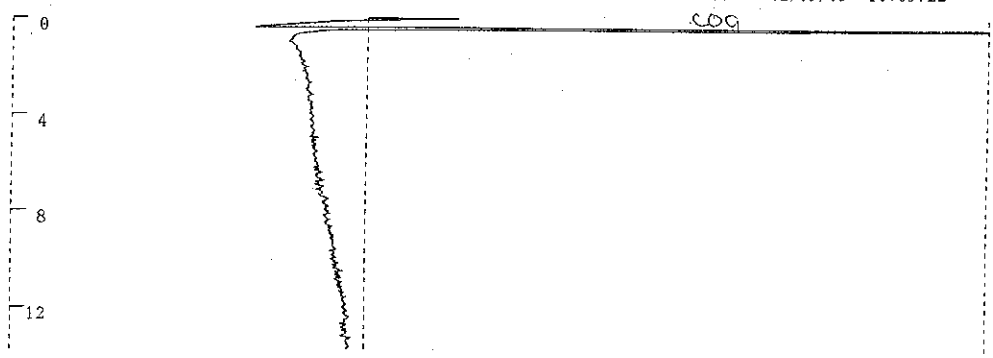
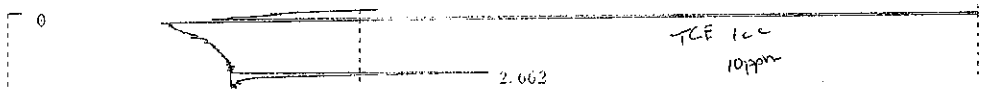
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT.No.=23 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 16:03:22



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

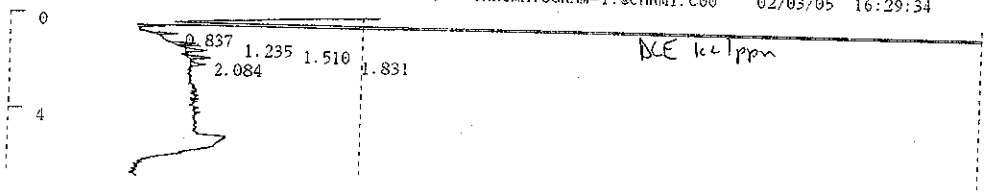
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 16:18:25



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	2.662	3990	586	S	7	59.2161	TCE
		TOTAL	3990	586			59.2161	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 16:29:34



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.837	219	55	V			
	3	1.235	231	51		2		1,1-DCA
	5	1.51	277	50		3		C-DCE
	8	1.831	270	50	V	4		1,1,1-TCA
	9	2.084	153	33		6		BENZENE
		TOTAL	1150	237			0	

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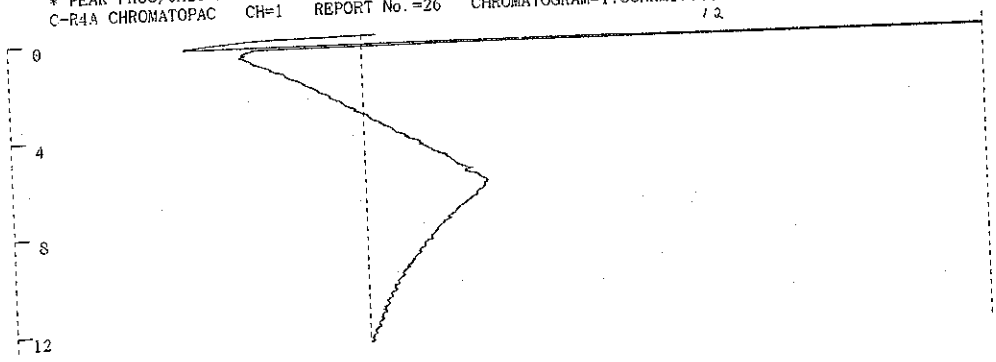
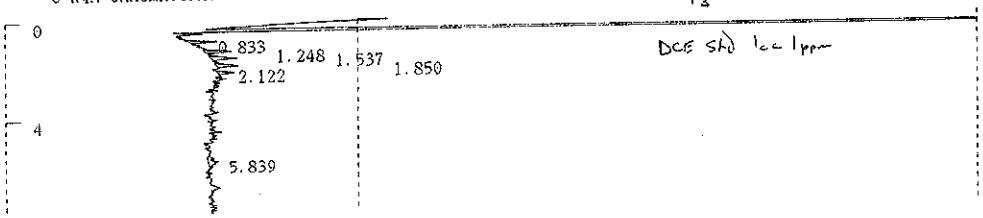
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=1:@CHRM1.C00 02/03/05 16:37:57



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 09:10:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	0.833	275	65	V			
	4	1.248	303	63		2		1,1-DCA
	7	1.537	307	59	V	3		C-DCE
	8	1.85	261	48		4		1,1,1-TCA
	9	2.122	164	36		6		BENZENE
	17	5.839	288	23		9		PCE
		TOTAL	1597	294			0	

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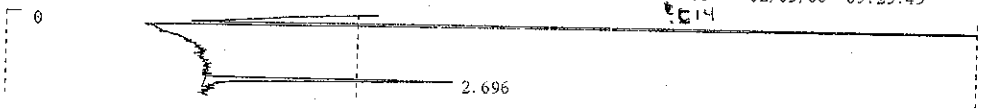
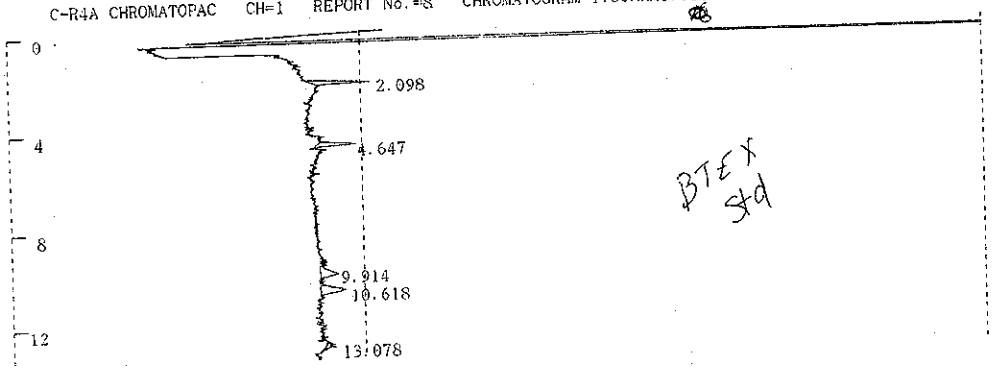
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 09:25:45



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	7	2.696	3760	566	S	7	55.8156	TCE
		TOTAL	3760	566			55.8156	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=1:@CHRM1.C00 15 02/03/06 09:32:15

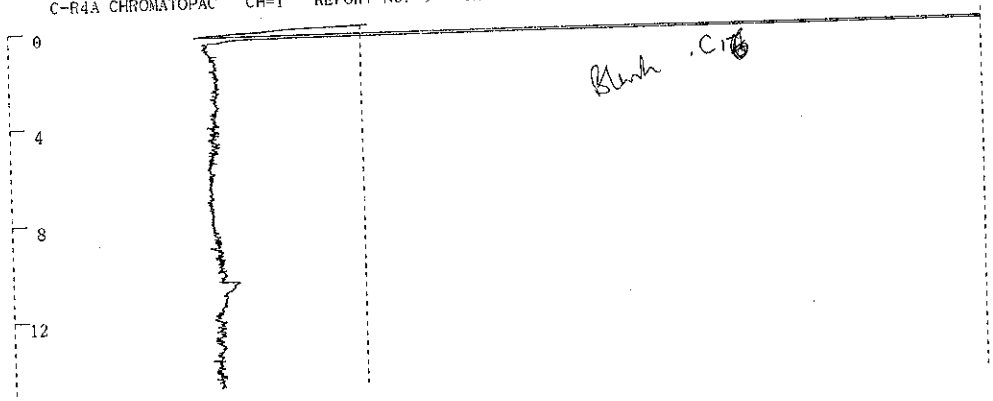


BTEX std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	6	2.098	788	136	V	6		BENZENE
	9	4.647	668	87		8		TOLUENE
	13	9.914	564	39		10		EBZ
	15	10.618	796	55	V	11		M-P XYLENE
	17	13.078	203	24		12		O-XYLENE
	TOTAL		3019	341			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 09:54:15



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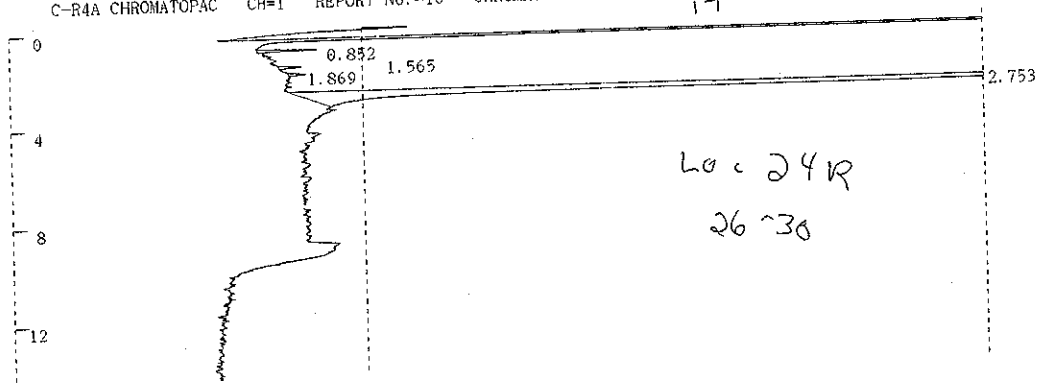
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=1:@CHRM1.~~C00~~ 17 02/03/06 10:27:10

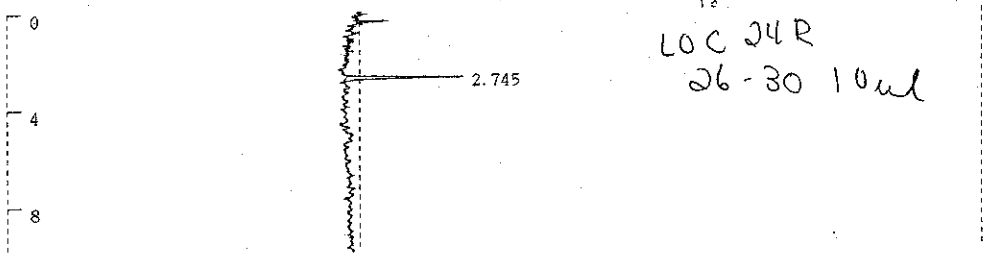


Lo c 24R
26 ~30

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.852	562	136				C-DCE
	2	1.565	226	50		3		~~1,2-DCA~~ 1,1,1-TCA
	3	1.869	176	39		5		
	4	2.753	78429	12315		7	1164.1259	TCE
	TOTAL		79393	12540			1164.1259	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 10:48:49

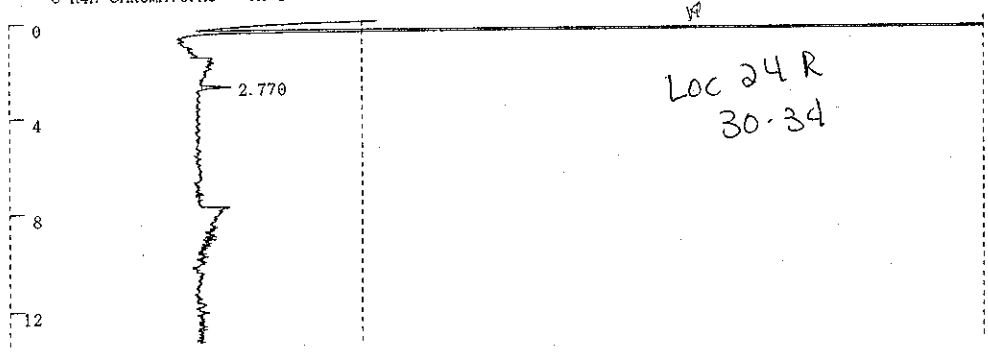


LOC 24R
26-30 10ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	5	2.745	1400	266		7	20.7846	TCE
		TOTAL	1400	266			20.7846	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 11:02:52

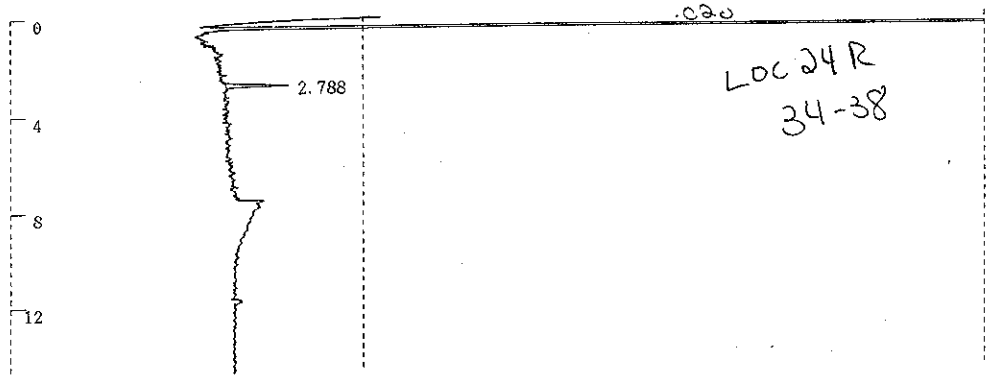


LOC 24R
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.77	347	65		7	5.1461	TCE
		TOTAL	347	65			5.1461	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 11:18:16



LOC 24R
34-38

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	2.788	841	142		7	12.477	TCE
		TOTAL	841	142			12.477	

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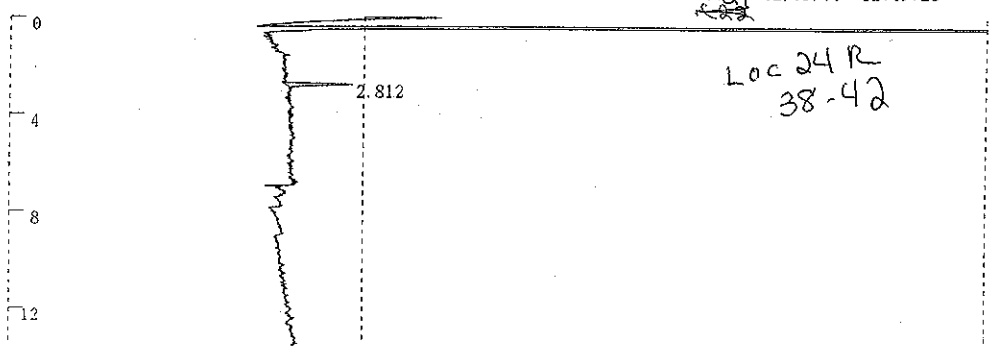
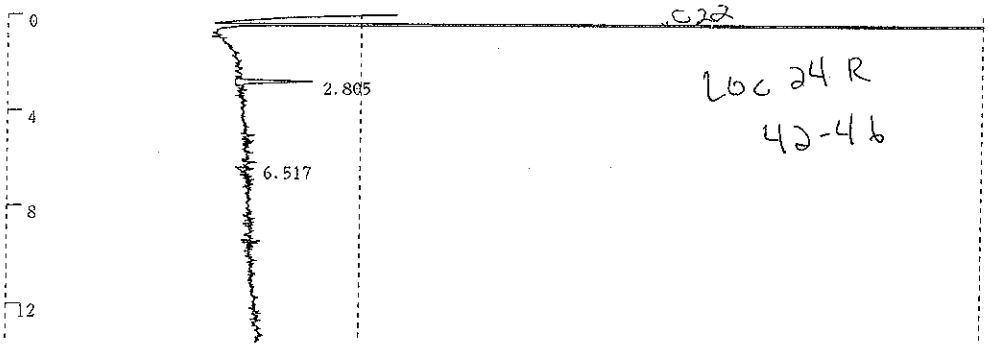
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=1:@CHRM1.C002 02/03/06 12:49:28



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.812	901	152		7	13.3661	TCE
		TOTAL	901	152			13.3661	

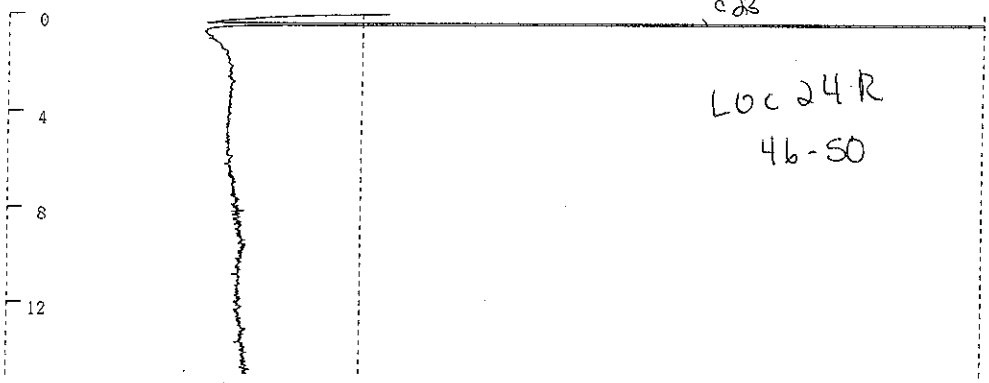
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 13:04:22



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	2.805	1175	175	V	7	17.4331	TCE
	15	6.517	174	35				
		TOTAL	1348	209			17.4331	

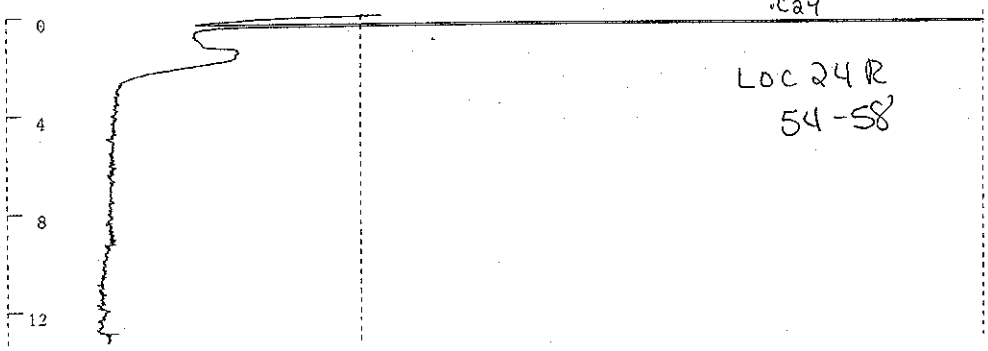
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 13:20:05



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

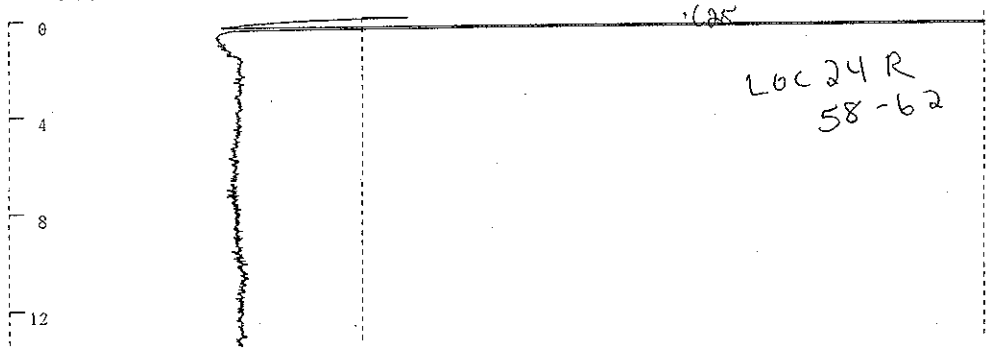
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 13:36:31



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

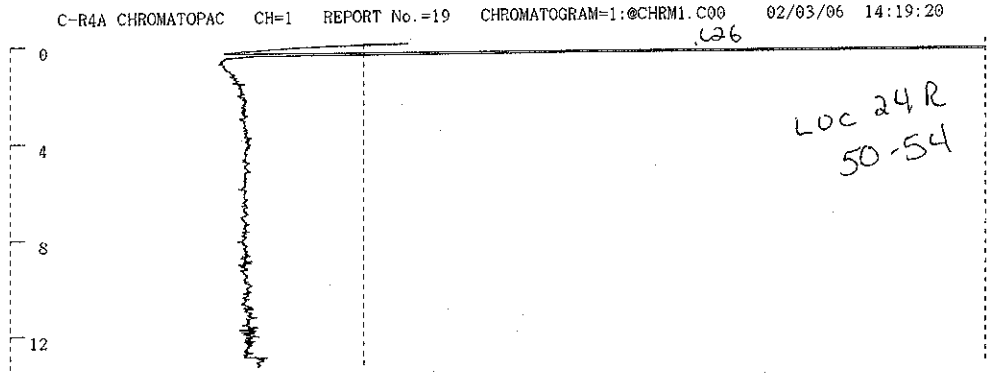
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 13:51:47



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 14:19:20



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 14:40:44

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

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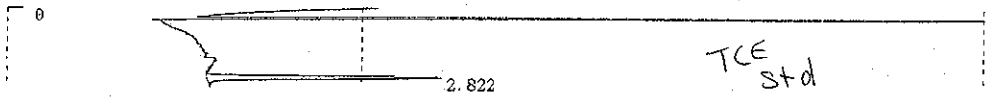
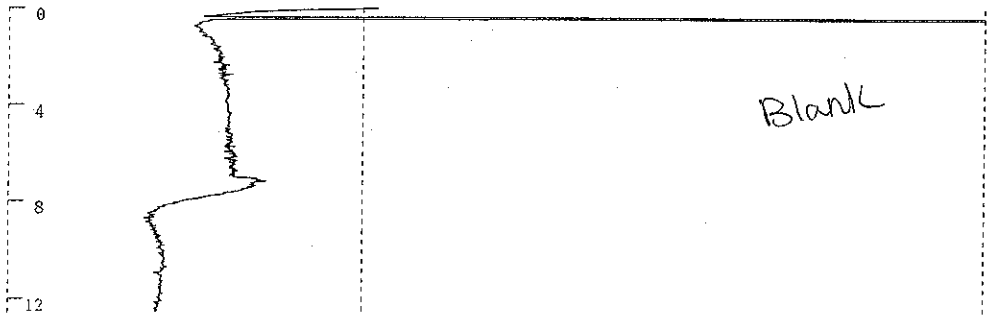
C-R4A CHROMATOPAC CH=1 REPORT [illegible] CHROMATOGRAM=1:@CHRM1.C00 02/03/06 14:44:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.822	3343	531		7	49.6172	TCE
		TOTAL	3343	531			49.6172	

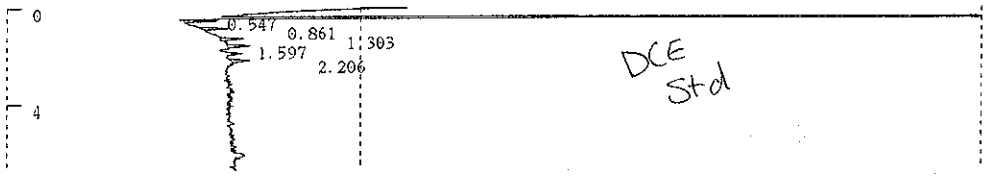
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 14:58:06



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

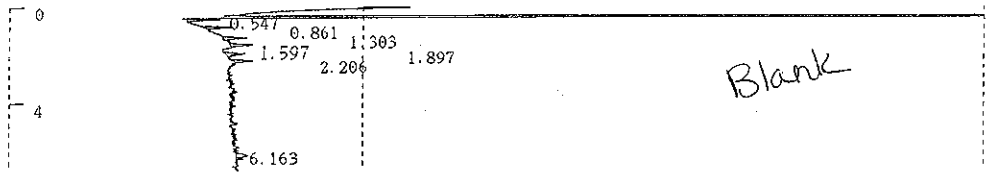
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 15:11:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.547	259	78				
	3	0.861	270	65	V			
	4	1.303	242	54				
	5	1.597	238	50				
	8	2.206	191	41	V	6		BENZENE
		TOTAL	1200	288			0	

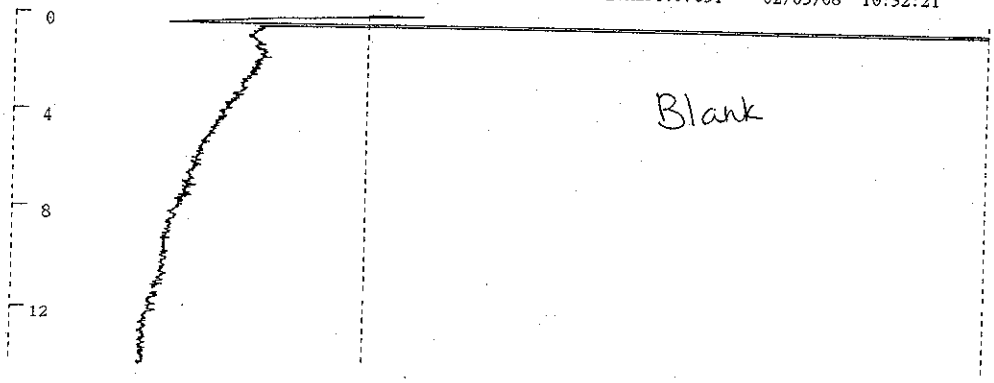
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=1:@CHRM1.C00 02/03/06 15:11:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.547	259	78				
	3	0.861	270	65	V			
	4	1.303	242	54				
	5	1.597	238	50				
	6	1.897	241	44		5		1,2-DCA
	8	2.206	191	41	V	6		BENZENE
	9	6.163	225	24		9		PCE
		TOTAL	1665	356			0	

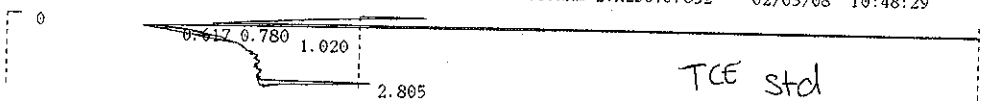
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTJ.C31 02/03/08 10:32:21



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTJ.C32 02/03/08 10:48:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.617	295	52				
	2	0.78	715	52	V			
	3	1.02	362	27	V	1		1,1-DCE
	5	2.805	1622	248		7	24.0694	TCE
	TOTAL		2993	378			24.0694	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTJ.C33 02/03/08 10:52:29

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.06	3839	117		1		1,1-DCE
	2	1.153	639	109	V	2		1,1-DCA
	3	1.232	697	137	V	2		1,1-DCA
	4	1.367	361	76	V			
	5	1.595	495	21	V			
	7	2.802	1924	307		7	28.5535	TCE
	TOTAL		7955	766			28.5535	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTJ.C34 02/03/08 11:00:36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.793	806	46				
	4	0.993	407	55	V	1		1,1-DCE
	6	2.795	3210	501	V	7	47.6401	TCE
	TOTAL		4423	602			47.6401	

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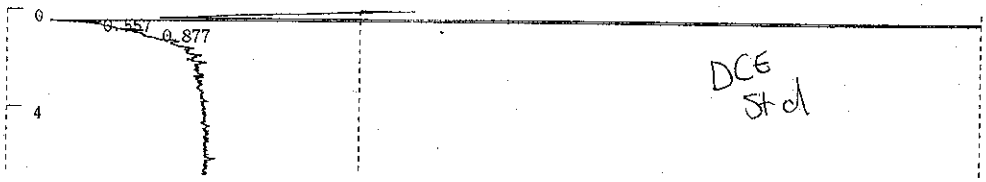
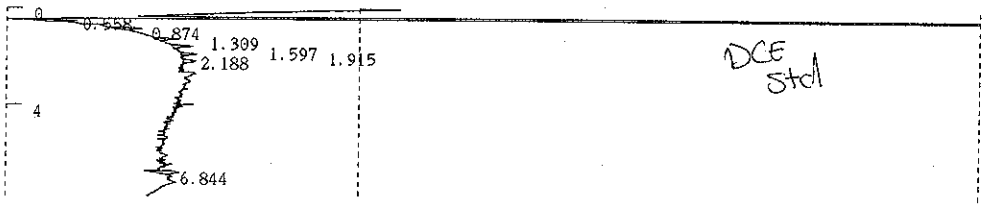
C-R4A CHROMATOPAC CH=1 REPORT No. = CHROMATOGRAM=2:ALDOTJ.C35 02/03/08 11:06:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.557	173	44				
	2	0.877	156	36				
		TOTAL	329	80			0	

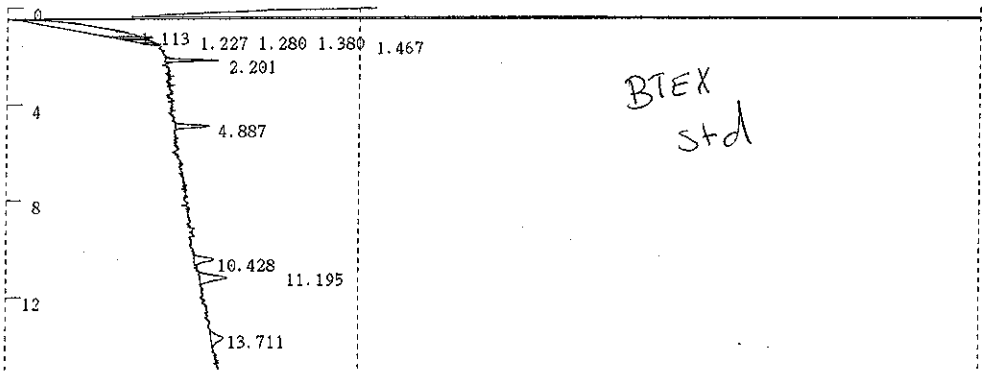
C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTJ.C36 02/03/08 11:15:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.558	341	82				
	4	0.874	258	58				
	5	1.309	228	49				
	6	1.597	221	48				
	7	1.915	155	37		5		1,2-DCA
	9	2.188	160	30		6		BENZENE
	14	6.844	340	50				
		TOTAL	1701	354			0	

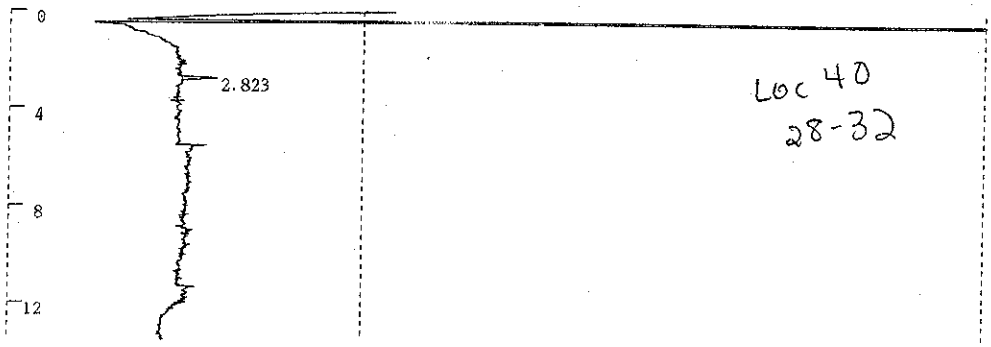
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTJ.C37 02/03/08 12:18:53



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.113	3644	89				
	2	1.227	364	87	V	2		1,1-DCA
	3	1.28	220	67	V	2		1,1-DCA
	4	1.38	300	48	V			
	5	1.467	159	32	V			
	6	2.201	677	122		6		BENZENE
	8	4.887	595	79		8		TOLUENE
	9	10.428	638	45		11		M-P XYLENE
	10	11.195	924	62		11		M-P XYLENE
	12	13.711	536	28				
		TOTAL	8057	658			0	

C-R4A CHROMATOPAC CH=1 REPORT No CHROMATOGRAM=2:ALDOTJ.C38 02/03/08 12:42:42

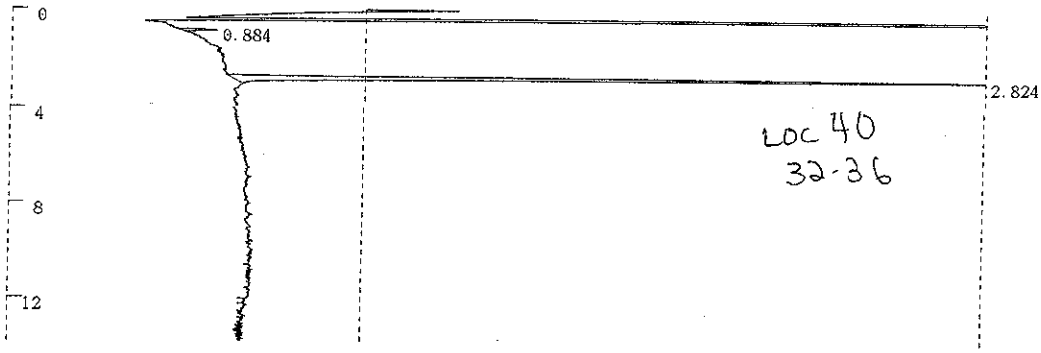


Loc 40
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.823	459	82		7	6.8174	TCE
		TOTAL	459	82			6.8174	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTJ.C39 02/03/08 12:57:52

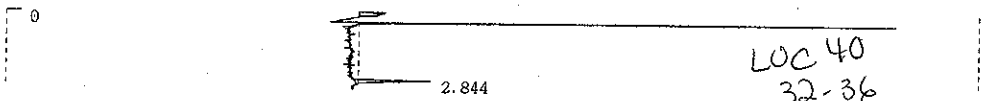


Loc 40
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.884	355	82		1		1,1-DCE
	2	2.824	10793	1703		7	160.1945	TCE
		TOTAL	11148	1785			160.1945	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTJ.C40 02/03/08 13:13:06



Loc 40
32-36
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.844	879	173		7	13.0425	TCE
		TOTAL	879	173			13.0425	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTJ.C41 02/03/08 13:17:52

Loc 40
32-36 dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.827	622	105		7	9.2338	TCE
		TOTAL	622	105			9.2338	

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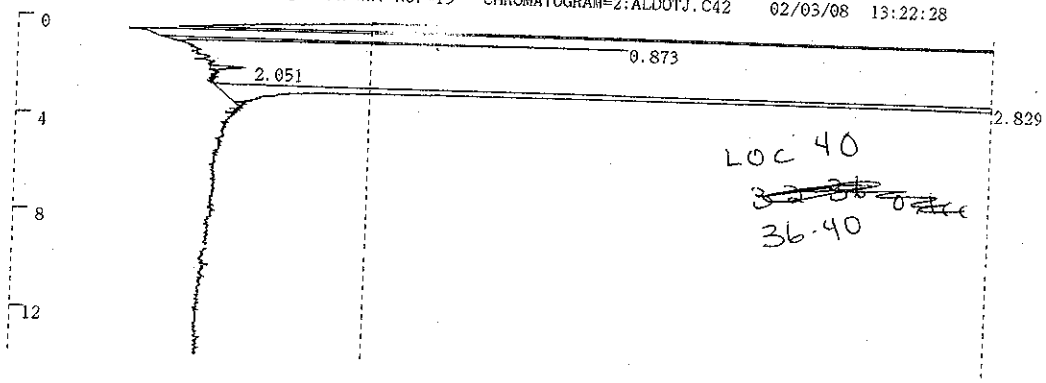
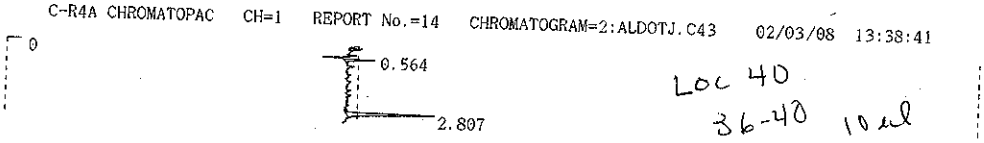
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTJ.C42 02/03/08 13:22:28



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.873	4276	1044		1		1,1-DCE
	5	2.051	478	82		6		BENZENE
	7	2.829	65703	10278	S	7	975.2324	TCE
		TOTAL	70457	11405			975.2324	

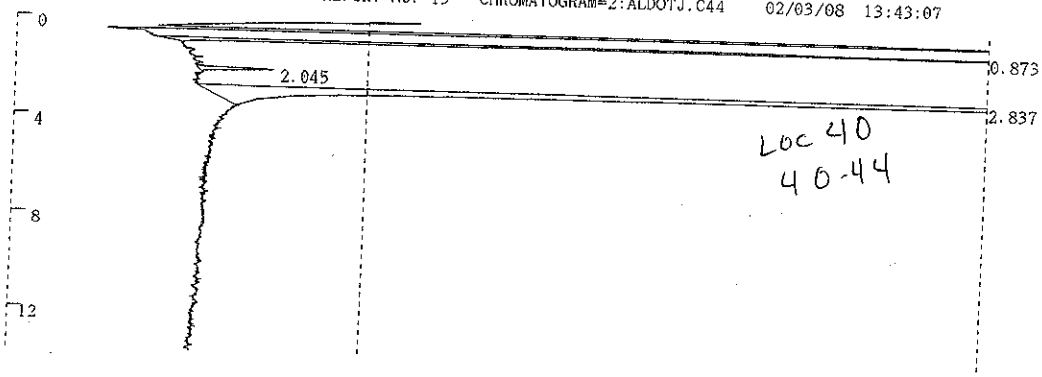
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTJ.C43 02/03/08 13:38:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.564	240	73				
	3	2.807	1060	203	V	7	15.7365	TCE
		TOTAL	1300	276			15.7365	

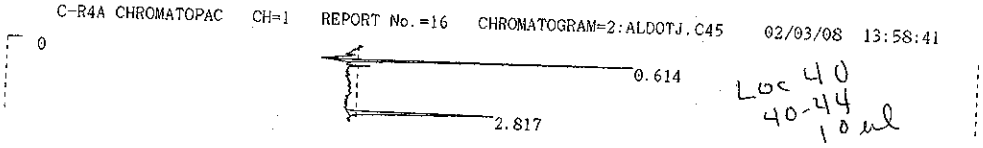
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTJ.C44 02/03/08 13:43:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.873	10139	2481		1		1,1-DCE
	2	2.045	984	173		6		BENZENE
	3	2.837	105793	16554		7	1570.2792	TCE
		TOTAL	116915	19208			1570.2792	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTJ.C45 02/03/08 13:58:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.614	2063	679				
	3	2.817	1736	330		7	25.76	TCE
		TOTAL	3799	1009			25.76	

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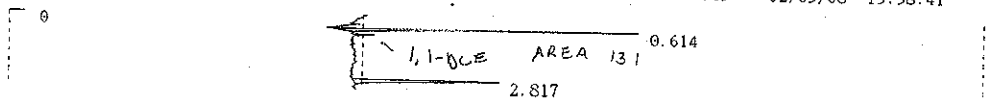
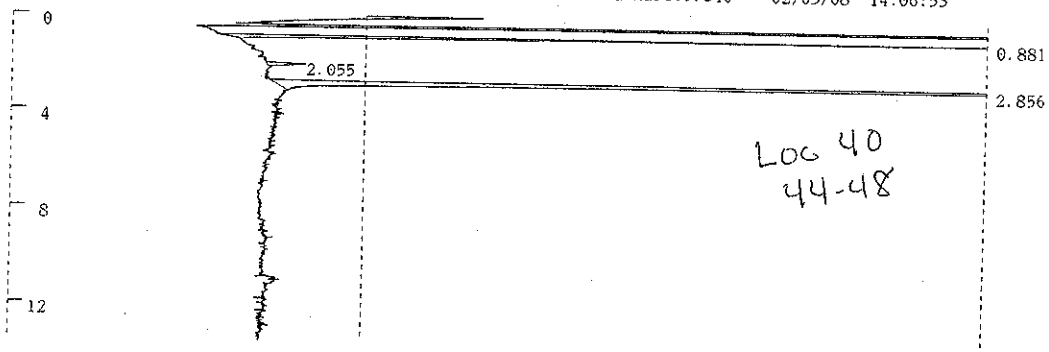
C-R4A CHROMATOPAC CH=1 REPORT No.= CHROMATOGRAM=2:ALDOTJ.C45 02/03/08 13:58:41



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.614	2063	679				
	4	2.817	1736	330		7	25.76	TCE
		TOTAL	3799	1009			25.76	

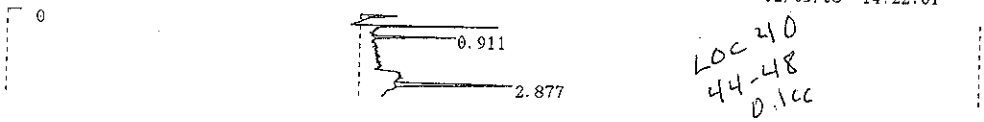
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTJ.C46 02/03/08 14:06:53



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.881	6686	1739		1		1,1-DCE
	2	2.055	480	88		6		BENZENE
	3	2.856	21055	3437				
		TOTAL	28221	5264			0	

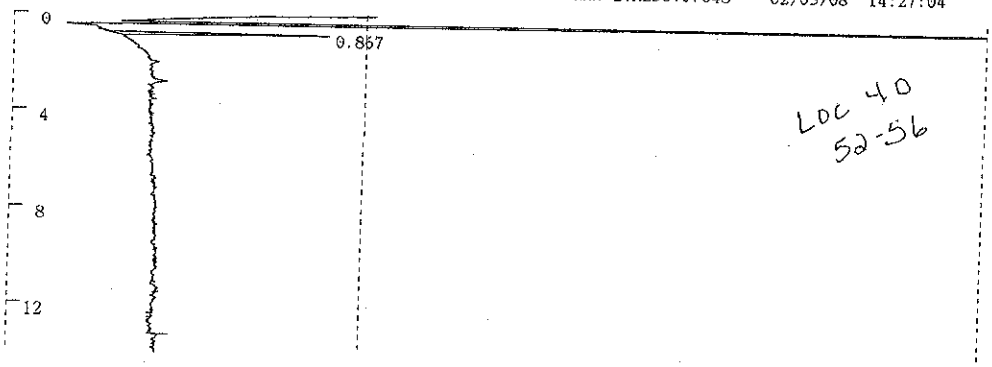
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTJ.C47 02/03/08 14:22:01



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.911	588	185		1		1,1-DCE
	2	2.877	1456	266				
		TOTAL	2044	451			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTJ.C48 02/03/08 14:27:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	0.867	1944	486		1		1,1-DCE
		TOTAL	1944	486			0	

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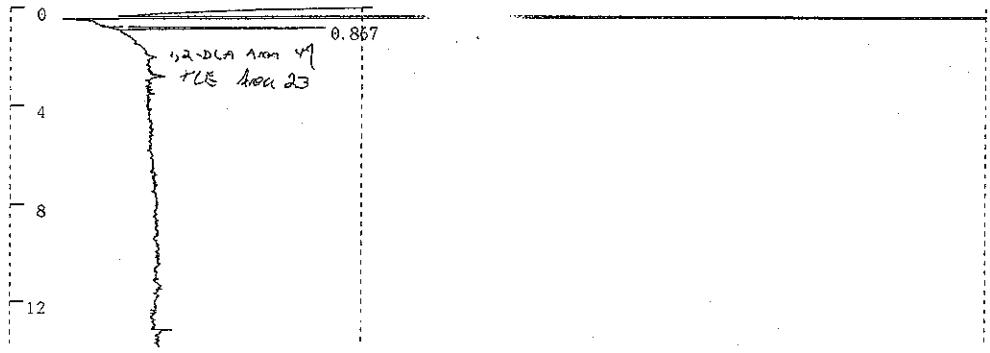
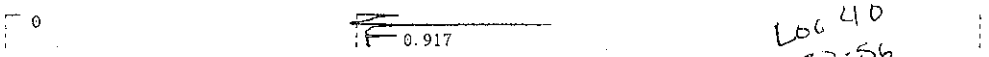
C-R4A CHROMATOPAC CH=1 REPORT No.[illegible] CHROMATOGRAM=2:ALDOTJ.C48 02/03/08 14:27:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	0.867	1944	486		1		1,1-DCE
		TOTAL	1944	486			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTJ.C49 02/03/08 14:47:22

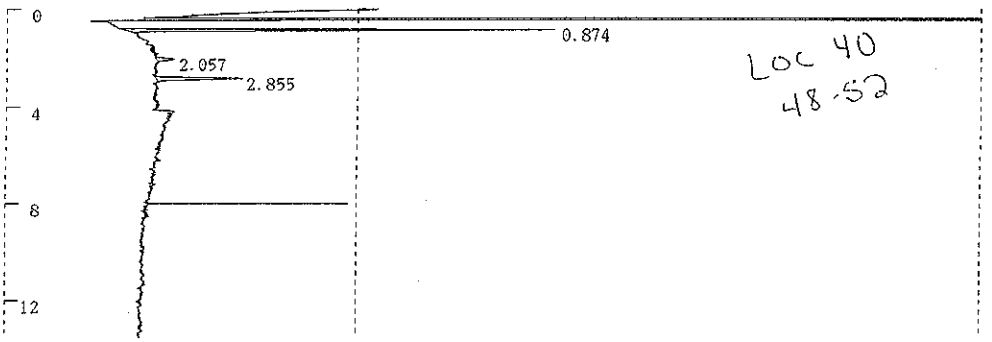


Loc 40
52-56
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.917	208	67		1		1,1-DCE
		TOTAL	208	67			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTJ.C50 02/03/08 14:50:28

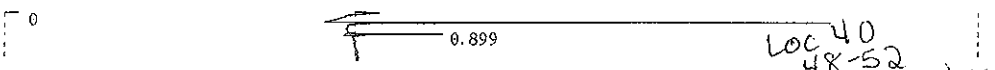


Loc 40
48-52

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.874	4070	975		1		1,1-DCE
	2	2.057	230	41		6		BENZENE
	3	2.855	1193	197				
		TOTAL	5494	1212			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTJ.C51 02/03/08 15:05:36



Loc 40
48-52
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.899	569	221		1		1,1-DCE
		TOTAL	569	221			0	

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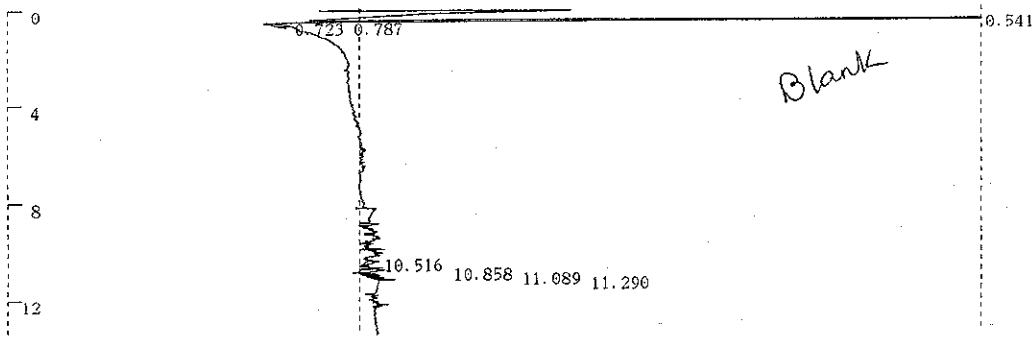
C-R4A CHROMATOPAC CH=1 REPORT CHROMATOGRAM=2:ALDOTJ.C52 02/03/08 15:09:35

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.113	2914	36				
	2	2.856	2703	439				
		TOTAL	5617	474			0	

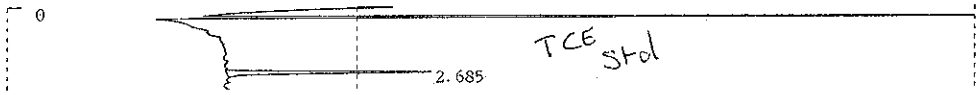
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTJ.C53 02/03/08 15:14:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.541	36823	13416				
	2	0.723	219	35				
	3	0.787	195	37	V			
	10	10.516	156	24		11		M-P XYLENE
	13	10.858	335	52	V	11		M-P XYLENE
	14	11.089	244	34		11		M-P XYLENE
	15	11.29	183	43	V	11		M-P XYLENE
		TOTAL	38155	13641			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTJ.C54 02/03/13 08:20:23



** CALCULATION REPORT **

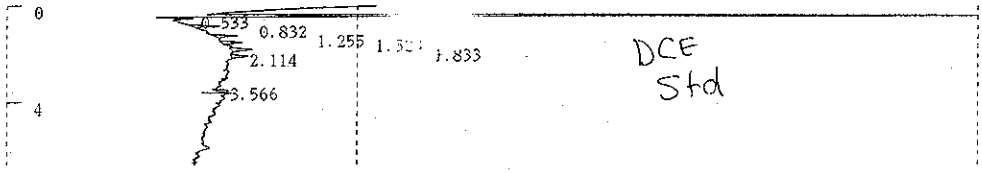
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.685	2996	465		7	44.4652	TCE
		TOTAL	2996	465			44.4652	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTJ.C55 02/03/13 08:26:20

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.844	234	52				
	3	1.253	178	38		2		1,1-DCA
	4	1.538	159	35		3		C-DCE
		TOTAL	571	126			0	

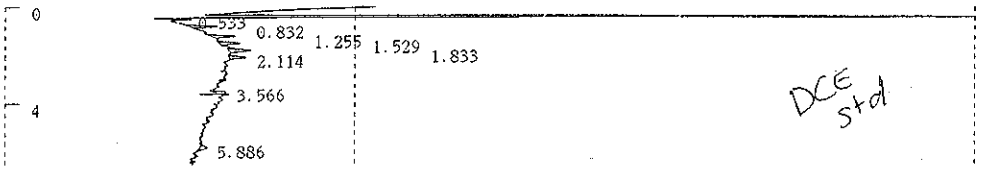
C-R4A CHROMATOPAC CH=1 REPORT \ · :HROMATOGRAM=2:ALDOTJ.C56 02/03/13 08:37:31



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.533	107	42				
	2	0.832	256	63				
	3	1.255	264	55		2		1,1-DCA
	4	1.529	251	50		3		C-DCE
	6	1.833	297	51	V	4		1,1,1-TCA
	7	2.114	201	38		6		BENZENE
	8	3.566	149	24				
		TOTAL	1524	323			0	

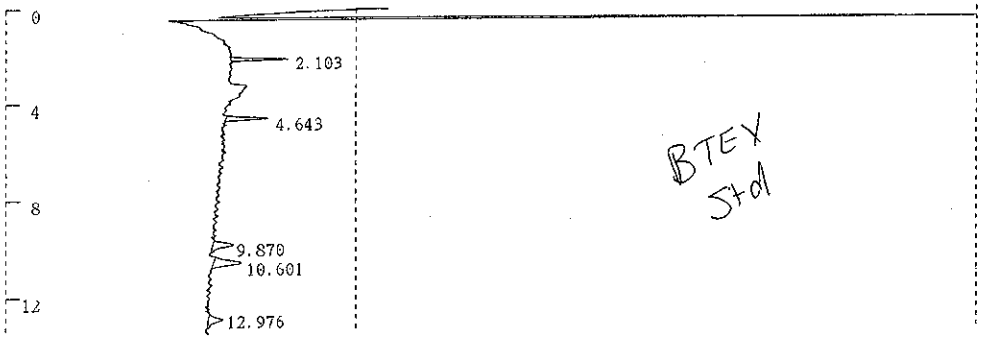
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTJ.C56 02/03/13 08:37:31



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.533	107	42				
	2	0.832	256	63				
	3	1.255	264	55		2		1,1-DCA
	4	1.529	251	50		3		C-DCE
	6	1.833	297	51	V	4		1,1,1-TCA
	7	2.114	201	38		6		BENZENE
	8	3.566	149	24				
	10	5.886	160	20		9		PCE
		TOTAL	1684	343			0	

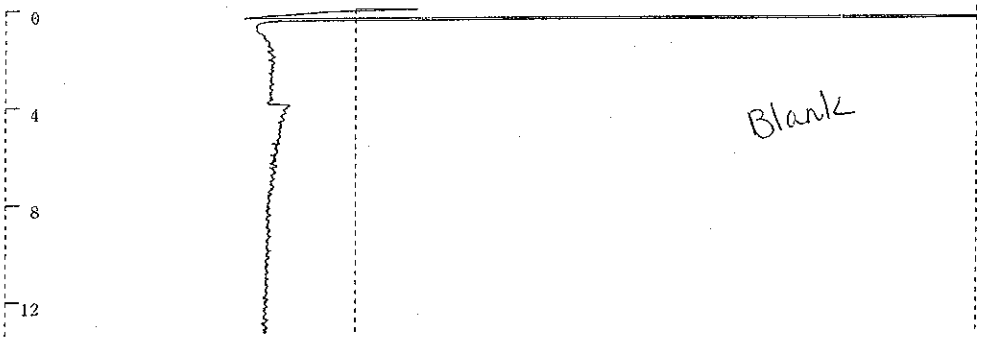
C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTJ.C57 02/03/13 08:49:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.103	677	130		6		BENZENE
	2	4.643	725	96		8		TOLUENE
	3	9.87	653	49		10		EBZ
	4	10.601	948	65		11		M-P XYLENE
	5	12.976	508	34		12		O-XYLENE
		TOTAL	3510	374			0	

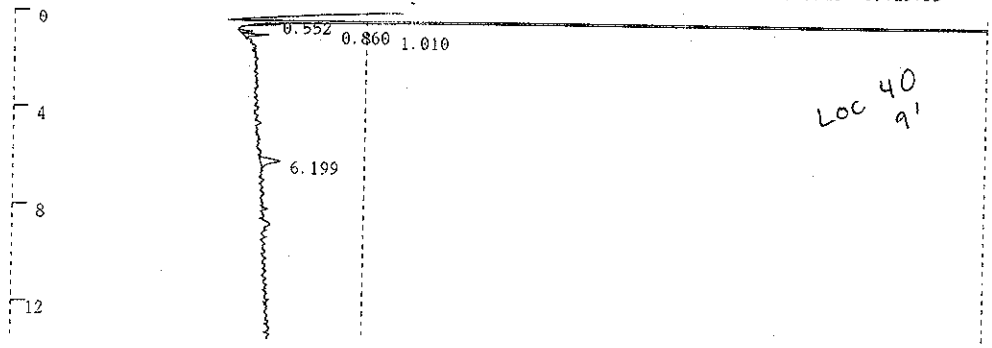
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTJ.C58 02/03/13 09:10:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTJ.C59 02/03/13 09:25:53

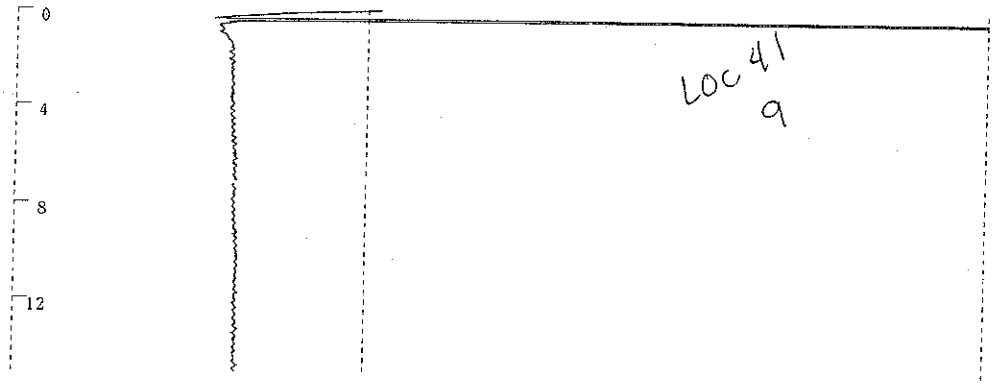


Loc 40
9'

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.552	196	61				
	2	0.86	129	29		1		1,1-DCE
	3	1.01	269	56				
	4	6.199	536	44		9		PCE
	TOTAL		1130	191			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTJ.C60 02/03/13 09:46:10

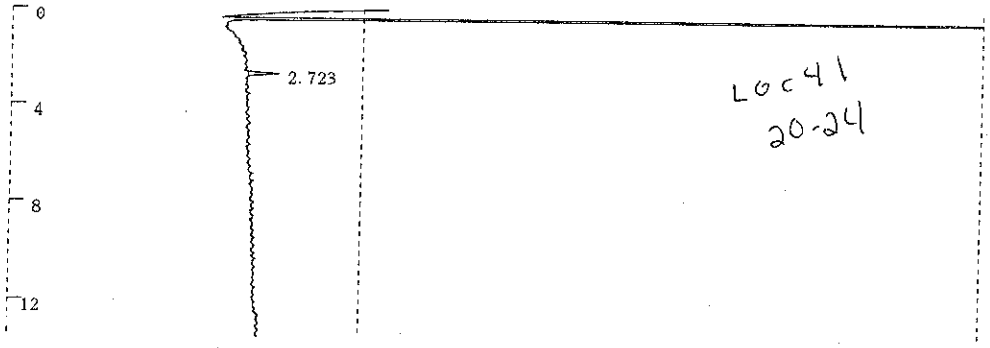


Loc 41
9

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTJ.C61 02/03/13 10:06:26



Loc 41
20-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.723	389	70		7	5.7695	TCE
	TOTAL		389	70			5.7695	

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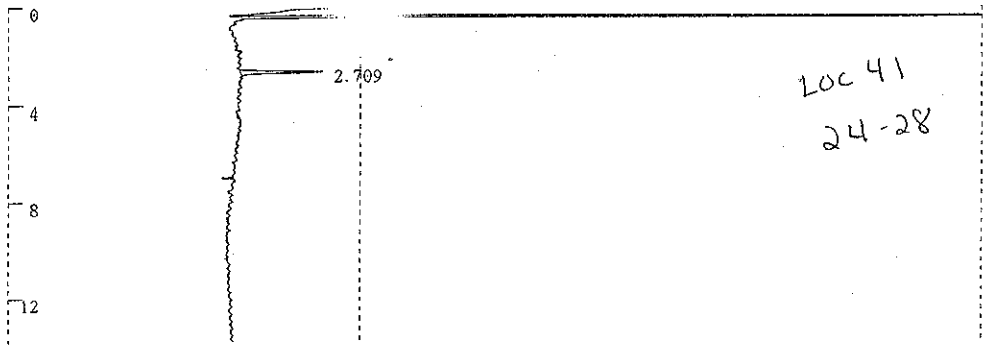
125
223-02000-12
90515
Shimadzu

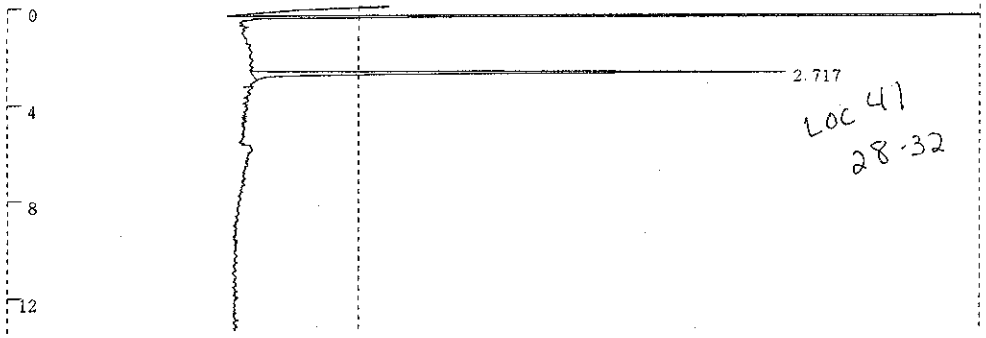
C-R4A CHROMATOPAC CH=1 REPORT [illegible] CHROMATOGRAM=2:ALDOTJ.C62 02/03/13 10:21:56



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.709	1137	188		7	16.872	TCE
		TOTAL	1137	188			16.872	

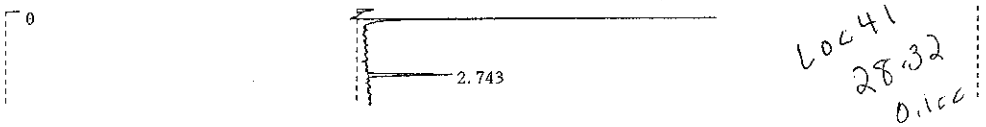
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTJ.C63 02/03/13 10:37:09



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.717	7723	1204		7	114.6369	TCE
		TOTAL	7723	1204			114.6369	

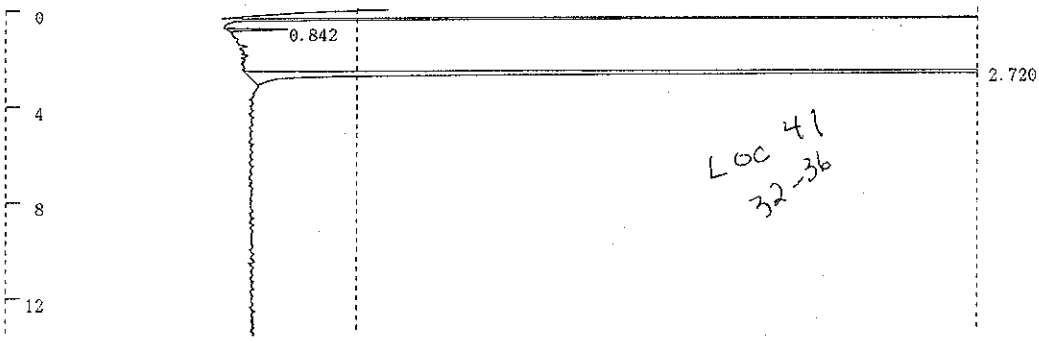
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTJ.C64 02/03/13 10:52:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.743	942	189		7	13.9806	TCE
		TOTAL	942	189			13.9806	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTJ.C65 02/03/13 10:58:03

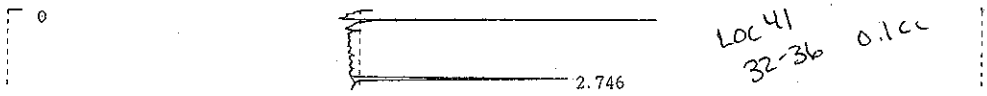


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.842	603	140				
	2	2.72	33376	5293		7	495.3999	TCE
		TOTAL	33979	5432			495.3999	

223-02000-12 90515 ⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTJ.C66 02/03/13 11:13:06



Loc 41 32-36 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.746	2429	488		7	36.0566	TCE
		TOTAL	2429	488			36.0566	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

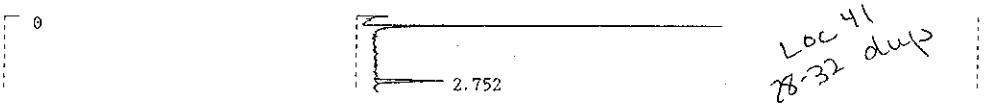
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTJ.C67 02/03/13 12:39:25

error

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTJ.C68 02/03/13 12:40:46

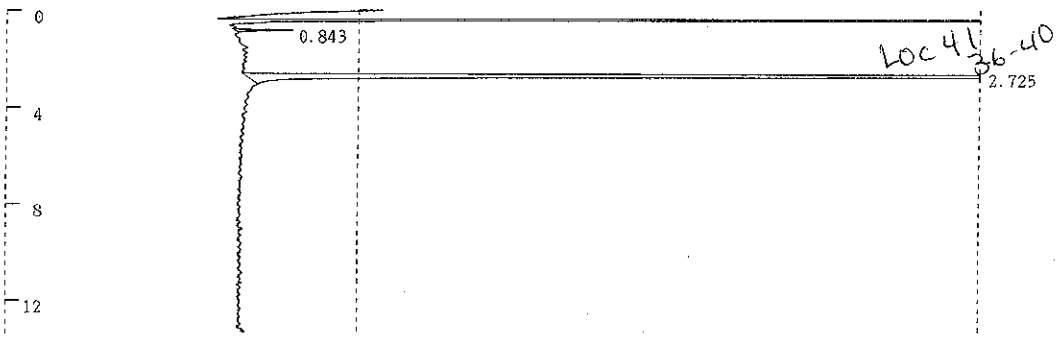


Loc 41 28-32 dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.752	774	154		7	11.4914	TCE
		TOTAL	774	154			11.4914	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTJ.C69 02/03/13 12:45:50



Loc 41 36-40

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.843	520	130				
	2	2.725	30899	4980		7	458.6278	TCE
		TOTAL	31419	5110			458.6278	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTJ.C70 02/03/13 13:00:56

Loc 41 36-40 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.757	3108	615		7	46.1291	TCE
		TOTAL	3108	615			46.1291	

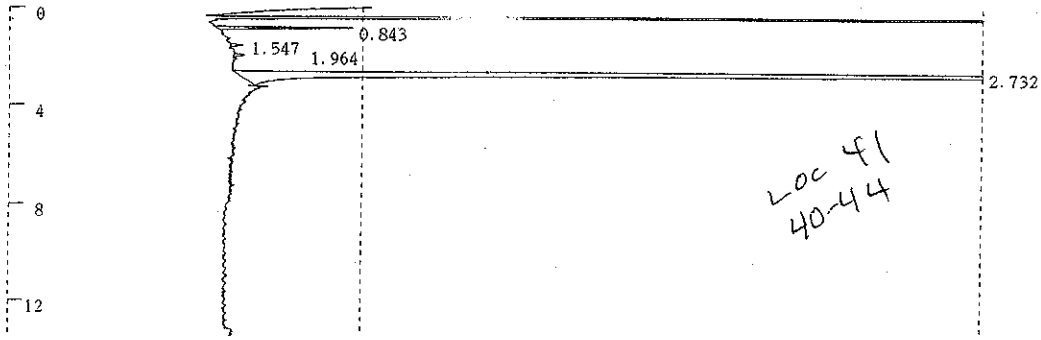
127

223-02000-12

90515

Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No. .. MATOGRAM=2:ALDOTJ.C71 02/03/13 13:05:50

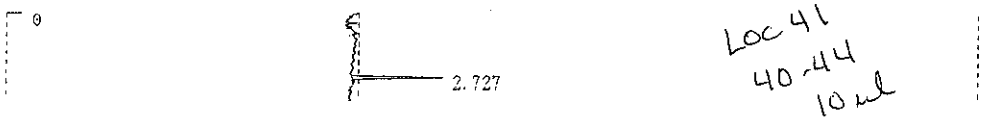


Loc 41
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.843	1310	311				
	2	1.547	112	29		3		C-DCE
	3	1.964	138	24		5		1,2-DCA
	4	2.732	63314	9913	S	7	939.7651	TCE
		TOTAL	64874	10278			939.7651	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTJ.C72 02/03/13 13:25:37

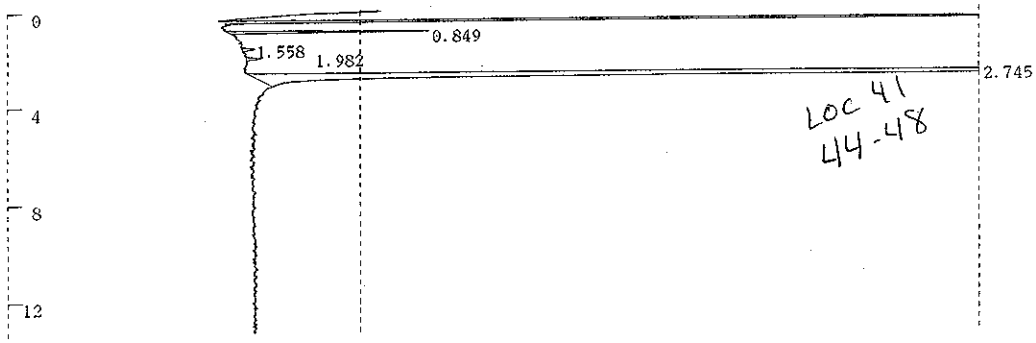


Loc 41
40-44
10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.727	1033	208		7	15.3328	TCE
		TOTAL	1033	208			15.3328	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTJ.C73 02/03/13 13:30:57

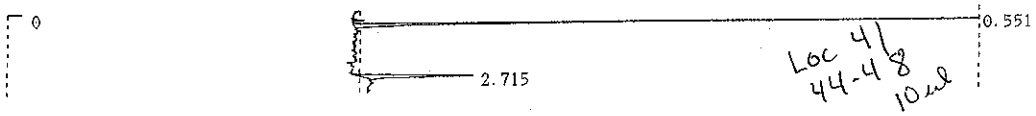


Loc 41
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.849	1916	459				
	2	1.558	163	28		3		C-DCE
	3	1.982	175	34		5		1,2-DCA
	4	2.745	68400	10851		7	1015.2595	TCE
		TOTAL	70654	11372			1015.2595	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTJ.C74 02/03/13 13:49:37

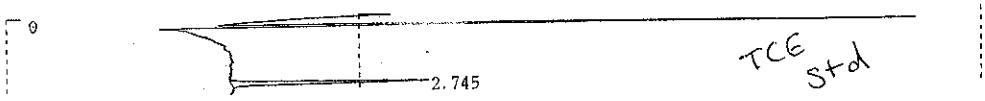


Loc 41
44-48
10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.551	4234	1659				
	2	2.715	1328	257		7	19.716	TCE
		TOTAL	5563	1916			19.716	

C-R4A CHROMATOPAC CH=1 REPORT No. =28 CHROMATOGRAM=2:ALDOTJ.C75 02/03/13 13:55:12

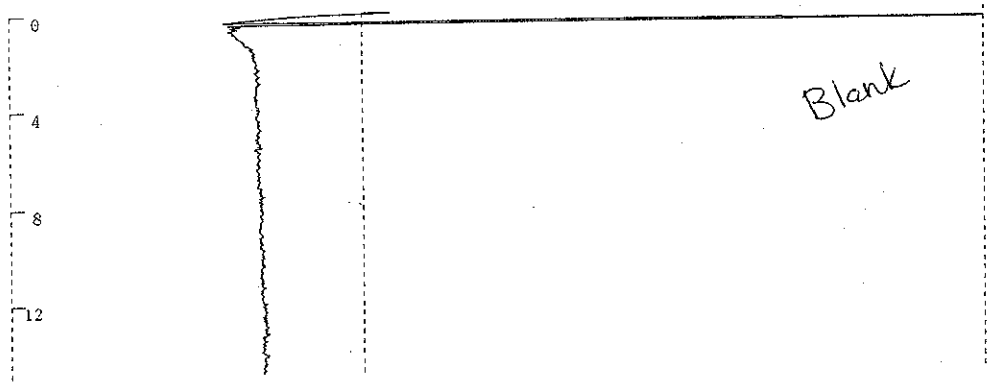


223-02000-12 90515 ⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.745	2791	450		7	41.4298	TCE
		TOTAL	2791	450			41.4298	

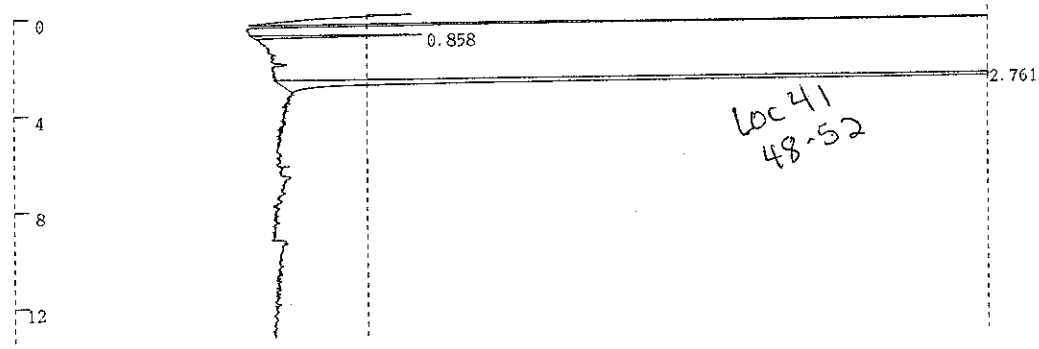
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTJ.C76 02/03/13 13:59:17



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

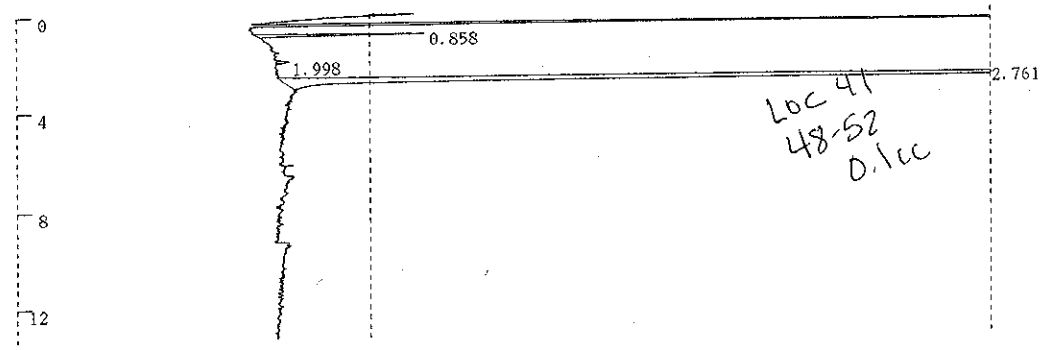
C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTJ.C77 02/03/13 14:16:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.858	1603	385		1		1,1-DCE
	2	2.761	36263	5763		7	538.2516	TCE
		TOTAL	37866	6148			538.2516	

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTJ.C77 02/03/13 14:16:04



131 223-02000-12 90515 ⊕ Shimadzu

** CALCULATION REPORT **

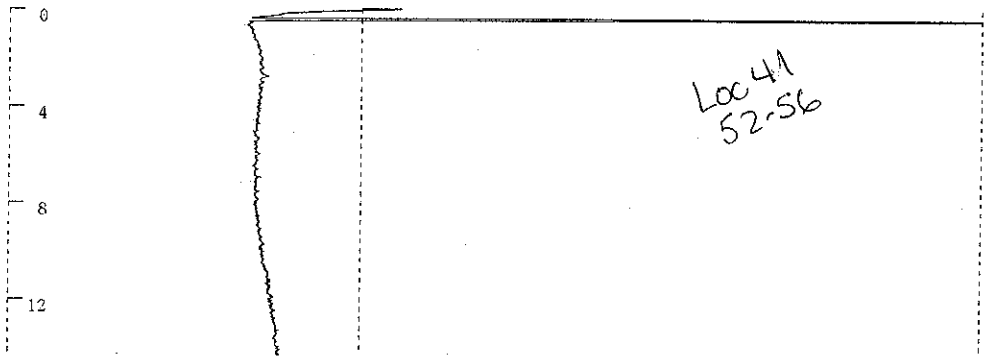
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.858	1603	385		1		1,1-DCE
	2	1.998	169	32		5		1,2-DCA
	3	2.761	36263	5763		7	538.2516	TCE
		TOTAL	38035	6180			538.2516	

Loc 41
48-52
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.89	132	50		1		1,1-DCE
	2	2.79	2936	550		7	43.585	TCE
		TOTAL	3068	600			43.585	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:ALDOTJ.C79 02/03/13 14:48:09

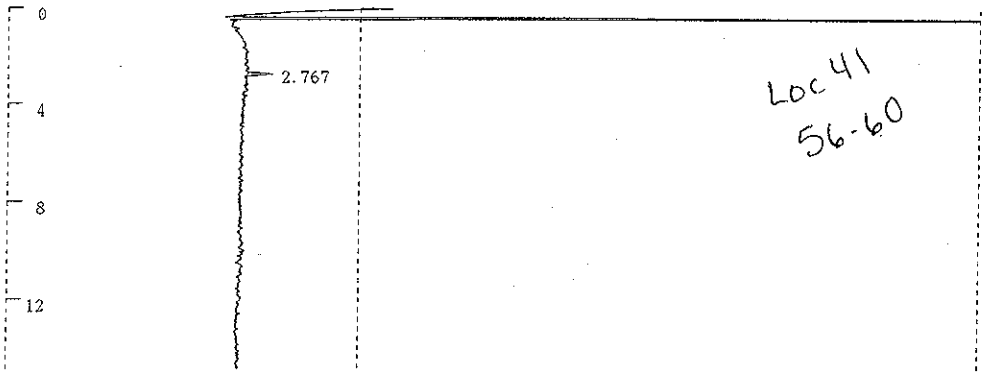


Loc 41
52-56

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOTJ.C80 02/03/13 15:18:24

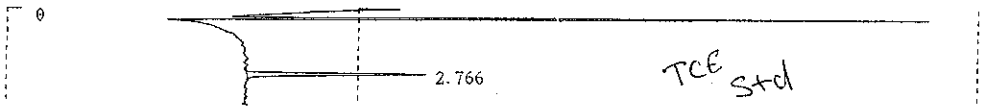


Loc 41
56-60

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.767	325	55		7	4.8299	TCE
		TOTAL	325	55			4.8299	

C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:ALDOTJ.C81 02/03/13 15:43:19

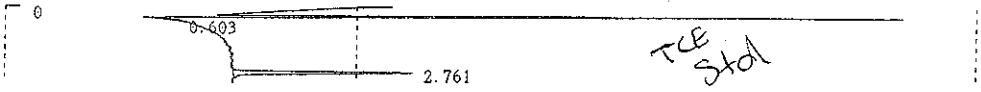


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.766	2475	405		7	36.7394	TCE
		TOTAL	2475	405			36.7394	

C-R4A CHROMATOPAC CH=1 REPORT No.=36 CHROMATOGRAM=2:ALDOTJ.C82 02/03/13 15:49:01



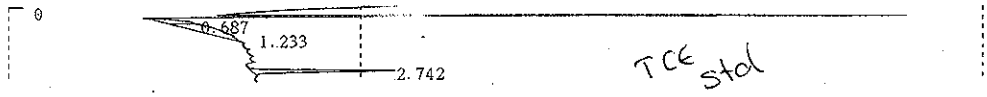
TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.603	121	16				
	2	2.761	2525	406		7	37.4711	TCE
		TOTAL	2646	422			37.4711	

132
223-02000-12
90515
⊕ Kimadau

C-R4A CHROMATOPAC CH=1 REPORT No.=40 CHROMATOGRAM=2:ALDOTJ.C83 02/03/13 16:09:27

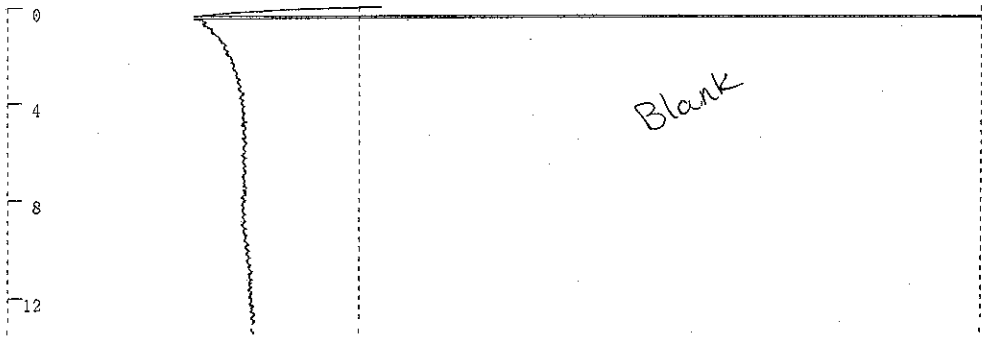


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.687	742	67				
	2	1.233	1861	38	V	2		1,1-DCA
	3	2.742	1962	321		7	29.1279	TCE
	TOTAL		4565	425			29.1279	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=41 CHROMATOGRAM=2:ALDOTJ.C84 02/03/13 16:13:33



** CALCULATION REPORT ** * WARNING * CALERROR: 1

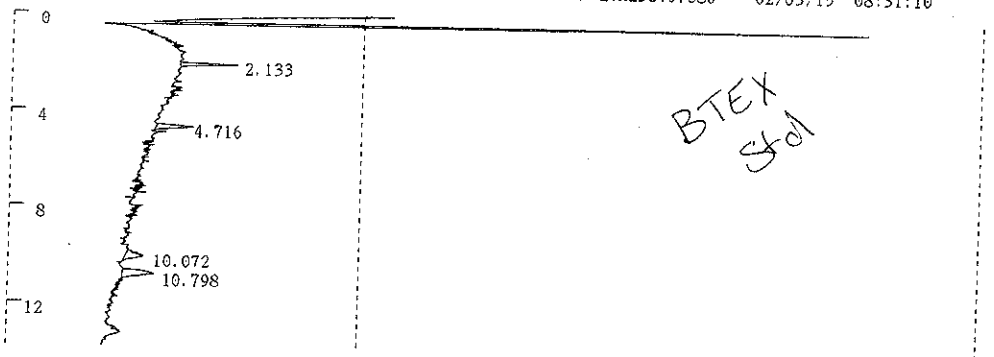
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=1:@CHRM1.C86 02/03/15 08:23:35

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.738	2773	446		7	41.1626	TCE
	TOTAL		2773	446			41.1626	

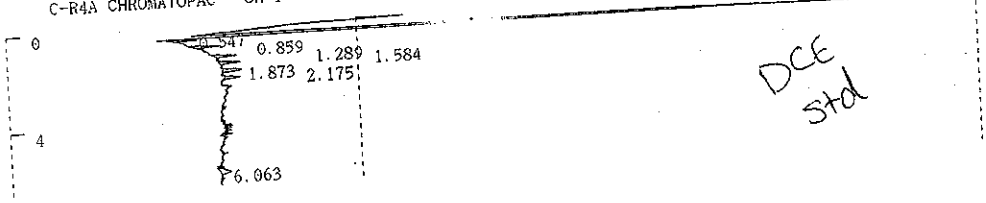
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTJ.C86 02/03/15 08:31:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.133	719	131		6		BENZENE
	5	4.716	640	85		8		TOLUENE
	19	10.072	552	41		10		EBZ
	20	10.798	962	71		11		M-P XYLENE
	TOTAL		2873	329			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTJ.C87 02/03/15 08:58:04

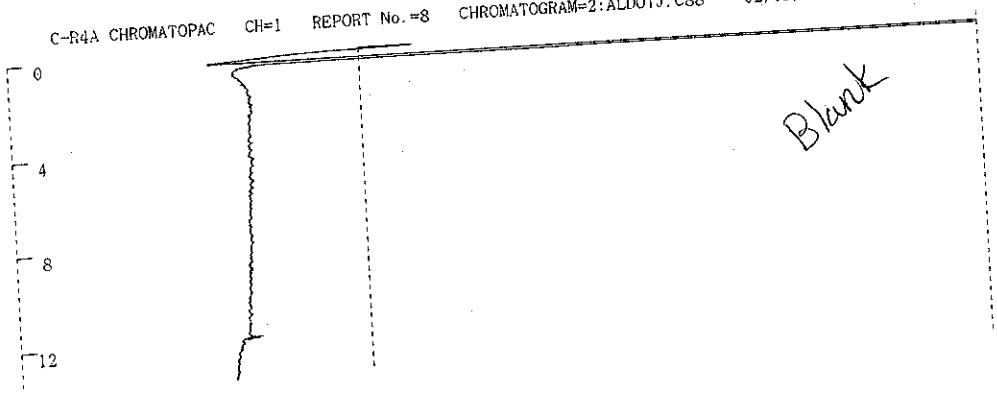


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.547	215	60		1		1,1-DCE
	2	0.859	277	64		2		1,1-DCA
	3	1.289	266	56		3		C-DCE
	4	1.584	241	51		4		1,1,1-TCA
	5	1.873	288	47		6		BENZENE
	6	2.175	184	38		9		PCE
	9	6.063	251	27				
		TOTAL	1722	343			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTJ.C88 02/03/15 09:08:52



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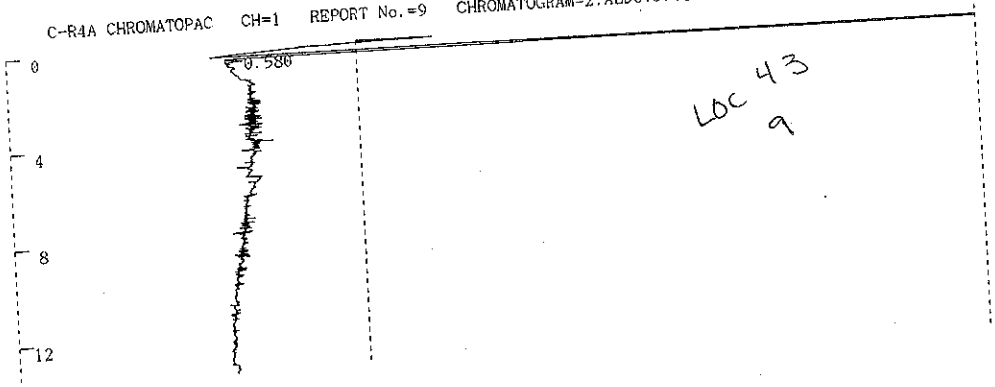
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTJ.C89 02/03/15 09:23:58



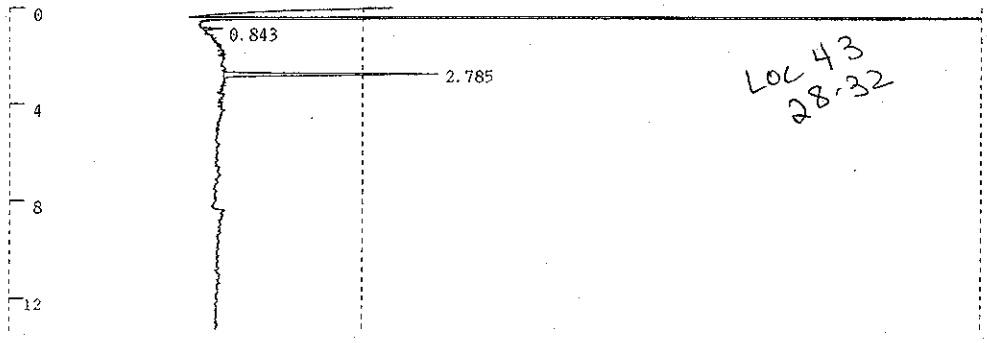
Loc 43 9

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.58	176	41				
		TOTAL	176	41			0	

223-02000-12 90515 ⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTJ.C90 02/03/15 09:39:18

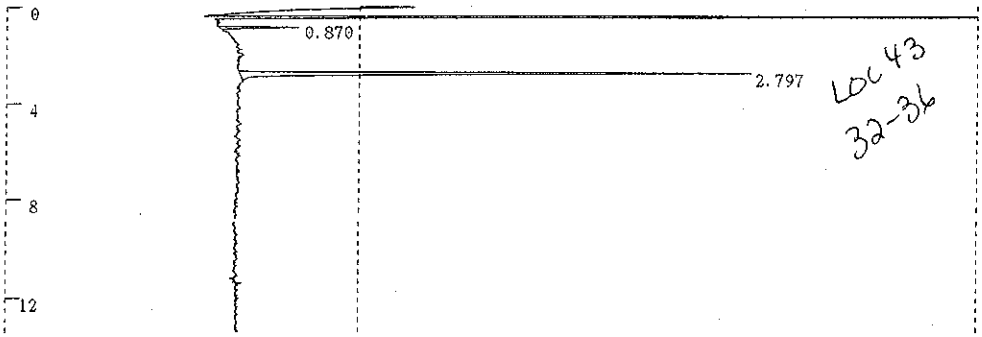


Loc 43
28.32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.843	181	49				
	4	2.785	2978	484		7	44.2039	TCE
		TOTAL	3159	534			44.2039	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTJ.C91 02/03/15 09:54:50

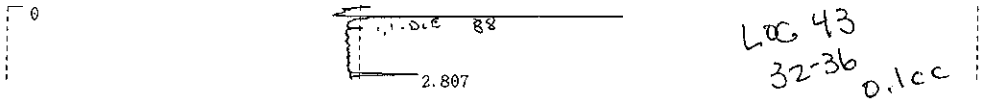


Loc 43
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.87	720	177		1		1.1-DCE
	2	2.797	7018	1156		7	104.1711	TCE
		TOTAL	7738	1333			104.1711	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTJ.C92 02/03/15 10:09:41



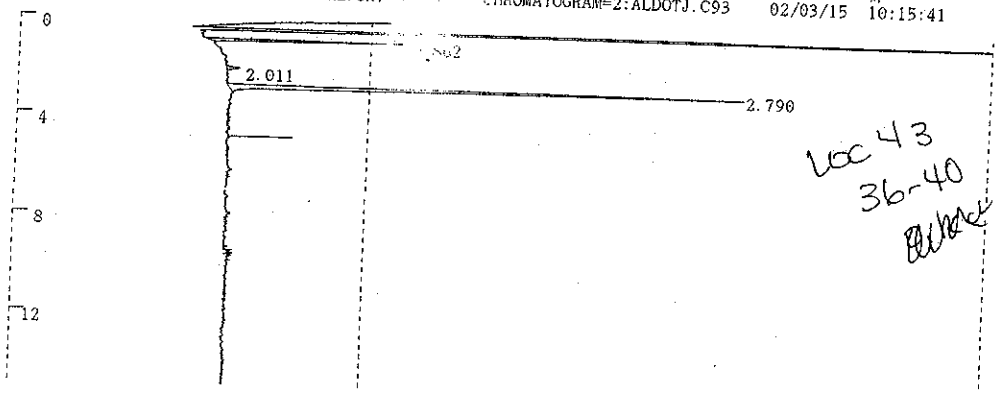
Loc 43
32-36 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.807	716	154		7	10.6306	TCE
		TOTAL	716	154			10.6306	

223-02000-12 90515 ⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTJ.C93 02/03/15 10:15:41



Loc 43
36-40
Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.862	1823	452		1		1,1-DCE
	2	2.011	162	31		6		BENZENE
	3	2.79	7030	1165		7	104.3448	TCE
	TOTAL		9015	1648			104.3448	

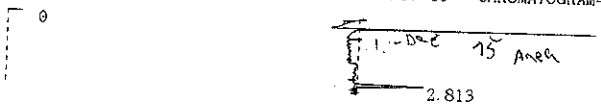
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTJ.C94 02/03/15 10:35:44

Loc 43
36-40
D.Lc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.878	178	65		1		1,1-DCE
	2	2.804	571	116		7	8.4694	TCE
	TOTAL		749	180			8.4694	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTJ.C95 02/03/15 10:40:17

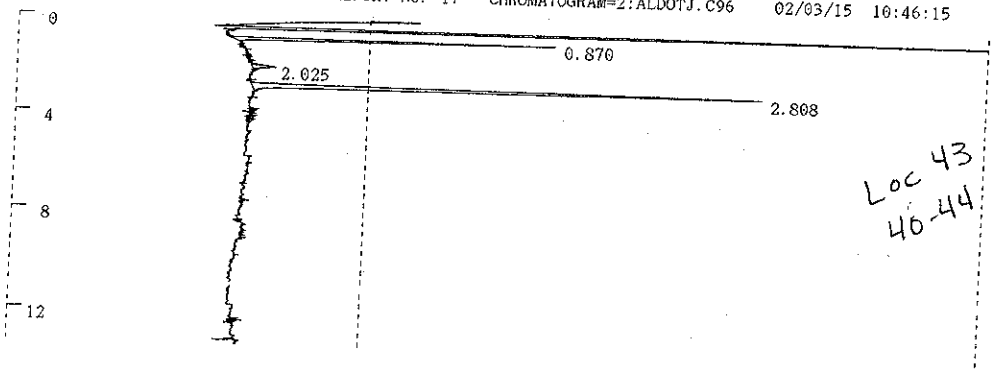


Loc 43
38-36 dup
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.813	750	160		7	11.1278	TCE
	TOTAL		750	160			11.1278	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTJ.C96 02/03/15 10:46:15

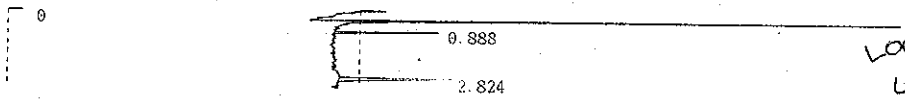


Loc 43
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	0.87	3045	737		1		1,1-DCE
	11	2.025	309	56	V	6		BENZENE
	14	2.808	6980	1155		7	103.6071	TCE
	TOTAL		10335	1948			103.6071	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTJ.C97 02/03/15 11:01:37



Loc 43
40-44
0.2cc

90515

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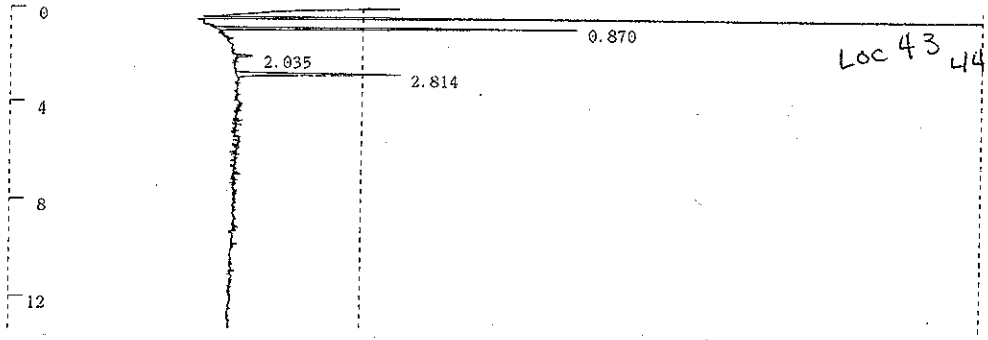
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.888	587	238		1		1,1-DCE
	2	2.824	1293	265		7	19.192	TCE
		TOTAL	1880	503			19.192	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTJ.C98 02/03/15 11:06:19



Loc 43 44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.87	3188	820		1		1,1-DCE
	3	2.035	167	36		6		BENZENE
	4	2.814	2167	374		7	32.1603	TCE
		TOTAL	5522	1230			32.1603	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTJ.C99 02/03/15 11:21:21

Loc 43
44-48 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.89	359	151		1		1,1-DCE
		TOTAL	359	151			0	

Shimadzu

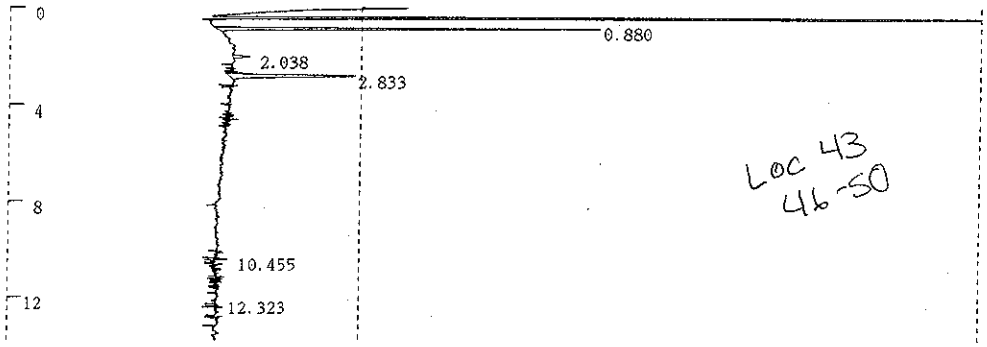
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTK.C02 02/03/15 11:46:30

Loc 43
46-50
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.89	426	176		1		1,1-DCE
		TOTAL	426	176			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTK.C01 02/03/15 11:31:07

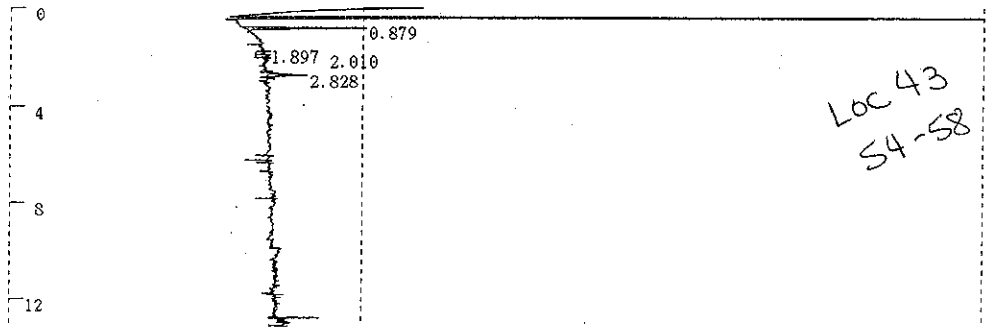


Loc 43
46-50

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.88	3458	870		1		1,1-DCE
	2	2.038	215	38		6		BENZENE
	6	2.833	1760	287	V	7	26.1207	TCE
	19	10.455	101	44	V	11		M-P XYLENE
	33	12.323	105	31				
		TOTAL	5639	1270			26.1207	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTK.C03 02/03/15 11:53:37

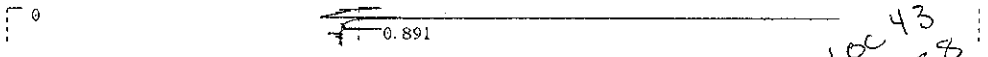


Loc 43
54-58

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.879	1046	276		1		1,1-DCE
	3	1.897	109	15		5		1,2-DCA
	4	2.01	160	33	V	6		BENZENE
	6	2.828	326	90		7	4.8418	TCE
		TOTAL	1641	414			4.8418	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTK.C04 02/03/15 12:08:20

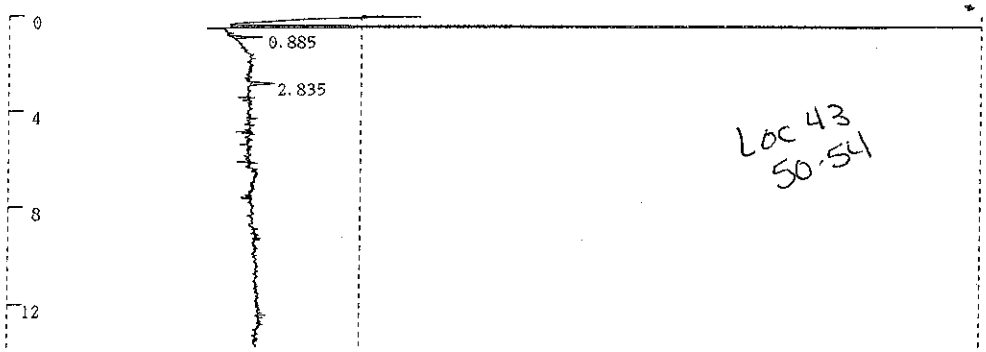


Loc 43
54-58
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.891	239	94		1		1,1-DCE
		TOTAL	239	94			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTK.C05 02/03/15 12:13:54



Loc 43
50-54

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.885	274	68		1		1,1-DCE
	2	2.835	274	53		7	4.0655	TCE
		TOTAL	547	121			4.0655	

143

223-02000-12

90515

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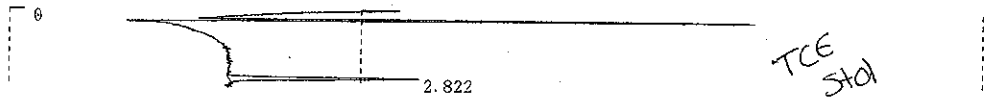
C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTK.C06 02/03/15 12:31:08



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.822	2655	432		7	39.4052	TCE
		TOTAL	2655	432			39.4052	

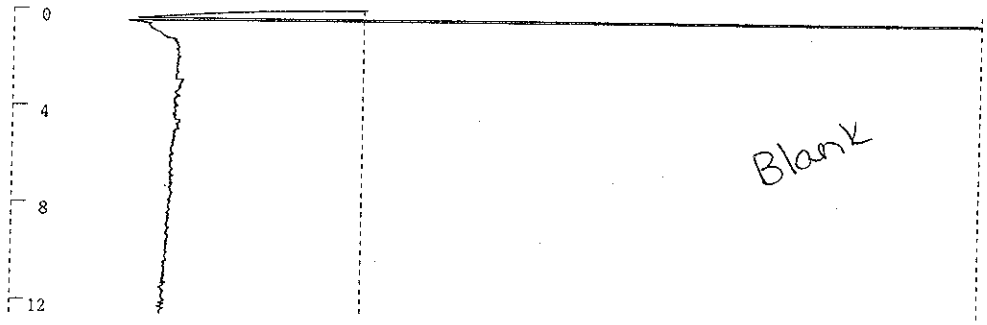
C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTK.C07 02/03/15 12:35:38

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.64	278	34				
	2	0.767	139	14	V			
	4	2.838	1967	334		7	29.1991	TCE
		TOTAL	2385	383			29.1991	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTK.C08 02/03/15 12:40:31

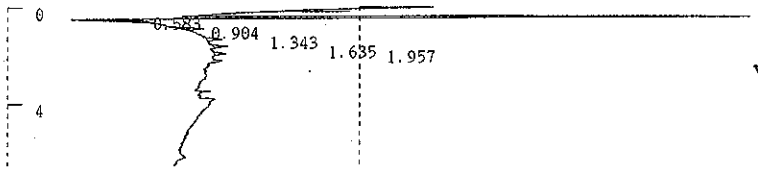


** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

3-02000-12 90515 ⊕
147
223-02000-12 90515 ⊕

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTK.C09 02/03/19 09:34:16



DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.583	410	84				
	2	0.904	246	49		1		1,1-DCE
	3	1.343	174	35				
	4	1.635	137	32		3		C-DCE
	5	1.957	133	27		5		1,2-DCA
	TOTAL		1100	227			0	

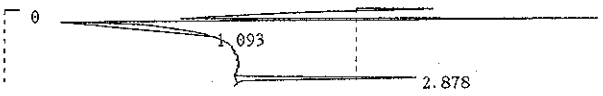
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTK.C10 02/03/19 09:48:34

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.866	2259	339				
	TOTAL		2259	339			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTK.C11 02/03/19 09:58:44

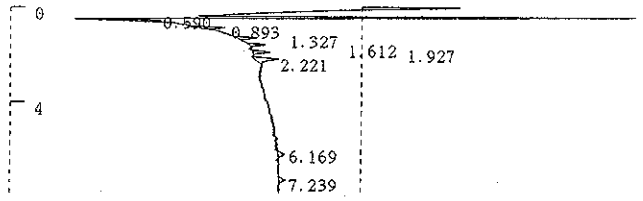


TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.093	2716	21				
	2	2.878	2762	411				
	TOTAL		5478	432			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTK.C12 02/03/19 10:04:15



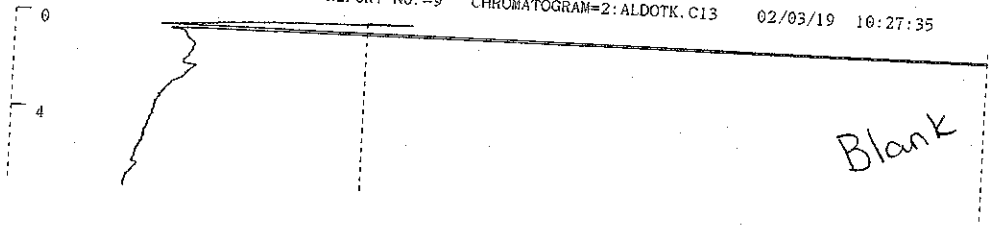
DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.59	559	93				
	4	0.893	287	57		1		1,1-DCE
	5	1.327	241	46		2		1,1-DCA
	6	1.612	199	39		3		C-DCE
	7	1.927	232	39		5		1,2-DCA
	8	2.221	436	53		6		BENZENE
	9	6.169	126	16		9		PCE
	10	7.239	107	14				
	TOTAL		2185	357			0	

223-02000-12

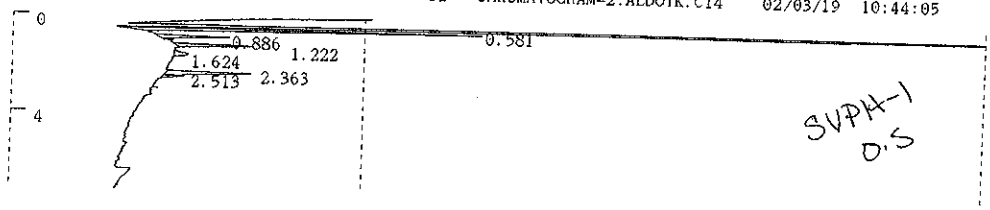
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTK.C13 02/03/19 10:27:35



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTK.C14 02/03/19 10:44:05



** CALCULATION REPORT **

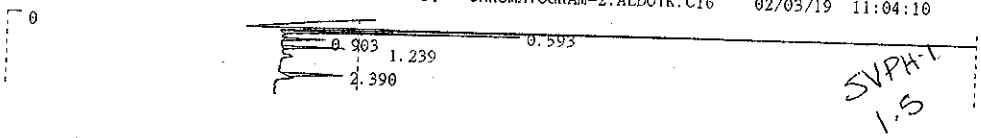
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.581	3305	805				
	2	0.886	799	161		1		1,1-DCE
	4	1.222	826	174		2		1,1-DCA
	5	1.624	333	35		3		C-DCE
	6	2.363	1239	194				
	7	2.513	229	48	V			
	TOTAL		6730	1417			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTK.C15 02/03/19 10:59:09

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.867	1948	294				
	TOTAL		1948	294			0	

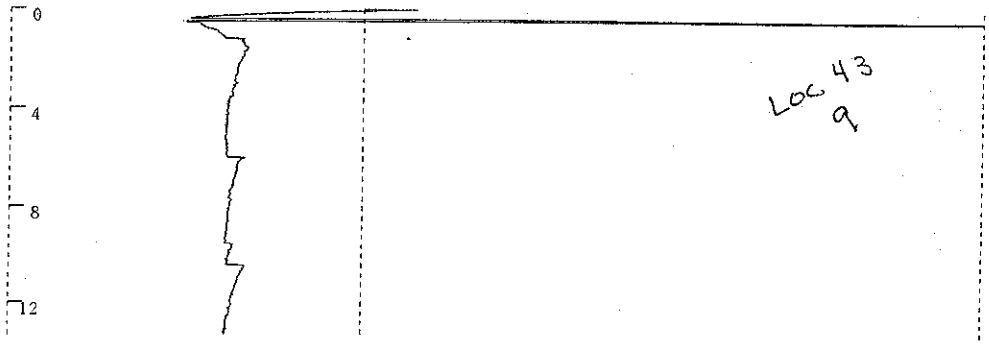
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTK.C16 02/03/19 11:04:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.593	1904	544				
	2	0.903	401	96		1		1,1-DCE
	3	1.239	561	139		2		1,1-DCA
	4	2.39	674	133				
	TOTAL		3540	911			0	

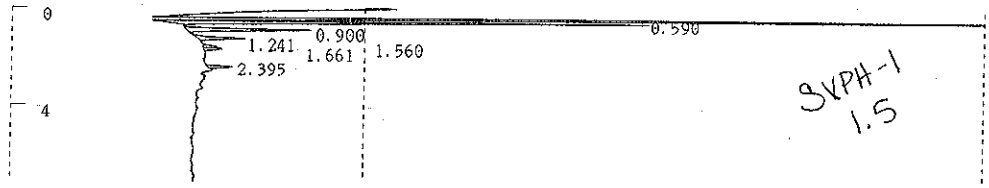
* PEAK PROC/CALC ERROR * CH=1, [illegible] peak
C-R4A CHROMATOPAC CH=1 REPORT [illegible] CHROMATOGRAM=1:@CHRM1.C00 17 02/03/19 11:15:09



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

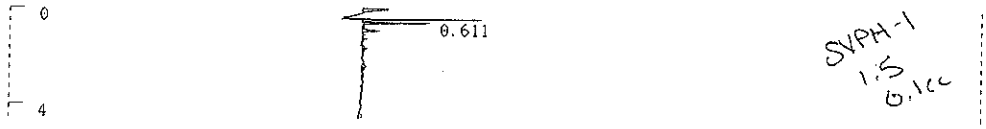
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTK.C18 02/03/19 11:30:32



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.59	4443	1096				
	2	0.9	1564	281		1		1,1-DCE
	3	1.241	604	106		2		1,1-DCA
	4	1.56	163	29		3		C-DCE
	5	1.661	216	41	V			
	6	2.395	302	55				
		TOTAL	7292	1609			0	

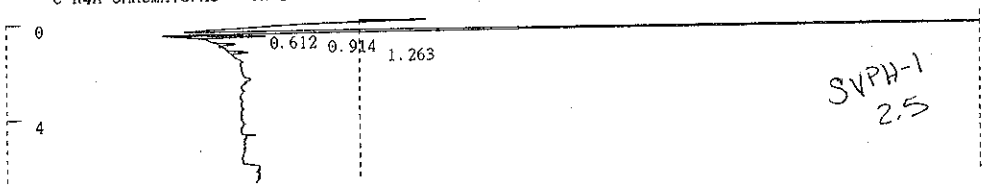
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTK.C19 02/03/19 11:39:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.611	384	153				
		TOTAL	384	153			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTK.C20 02/03/19 11:56:02



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.612	867	188				
	2	0.914	166	37		1		1,1-DCE
	3	1.263	234	43		2		1,1-DCA
		TOTAL	1267	268			0	

151
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Shimadzu
152
223-02000-12
90515

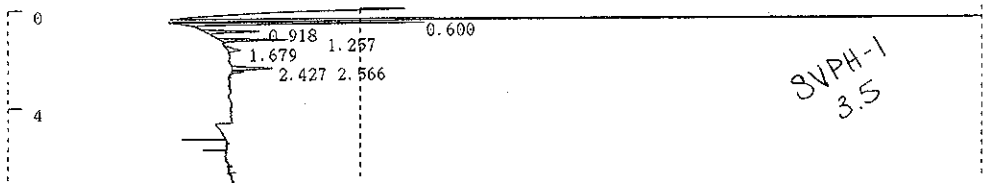
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTK.C19 02/03/19 11:39:37

SVPH-1
1.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.611	384	153				
		TOTAL	384	153			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTK.C21 02/03/19 13:57:15

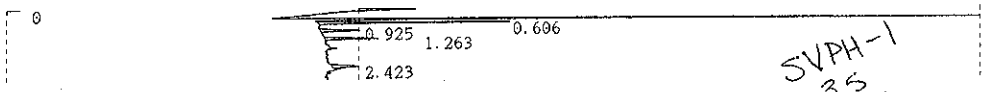


SVPH-1
3.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.6	2218	560				
	2	0.918	641	123		1		1,1-DCE
	3	1.257	732	153		2		1,1-DCA
	4	1.679	231	31				
	5	2.427	558	93				
	6	2.566	154	30	V	7	2.2799	TCE
		TOTAL	4534	988			2.2799	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTK.C22 02/03/19 14:11:08



SVPH-1
3.5
0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.606	1397	435				
	2	0.925	371	90		1		1,1-DCE
	3	1.263	456	117		2		1,1-DCA
	4	2.423	304	60				
		TOTAL	2528	702			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTK.C23 02/03/19 14:16:55

SVPH-1
4.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.611	414	79				
		TOTAL	414	79			0	

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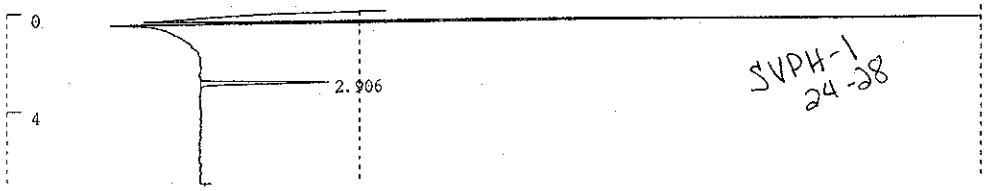
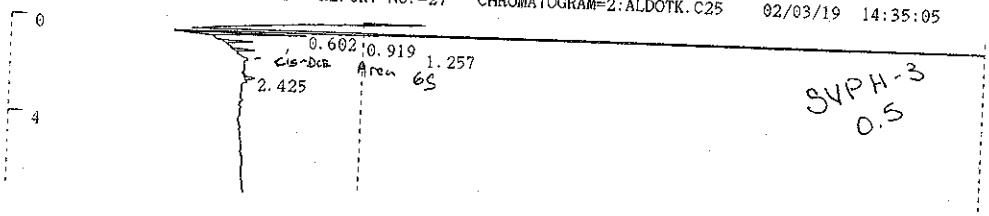
C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTK.C24 02/03/19 14:26:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.906	1842	290				
		TOTAL	1842	290			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:ALDOTK.C25 02/03/19 14:35:05

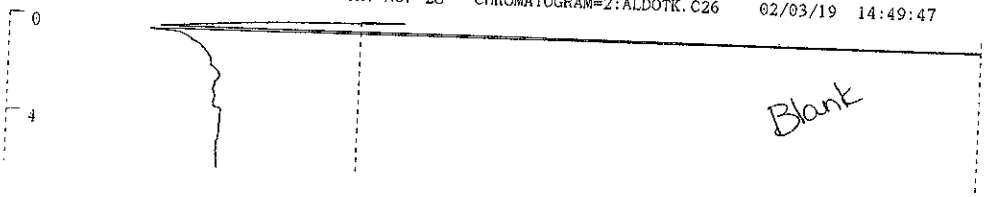


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.602	1053	259				
	2	0.919	290	65		1		1.1-DCE
	3	1.257	231	50		2		1.1-DCA
	5	2.425	136	24				
		TOTAL	1710	398			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTK.C26 02/03/19 14:49:47



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

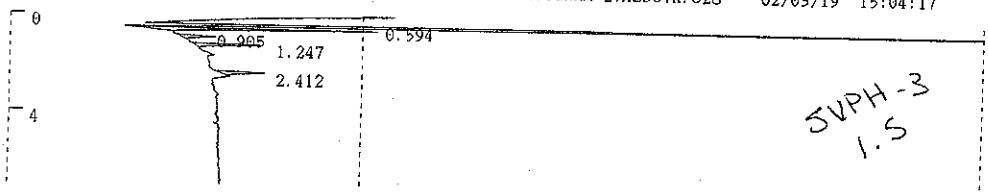
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTK.C27 02/03/19 14:59:49

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.902	2761	406				
		TOTAL	2761	406			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTK.C28 02/03/19 15:04:17

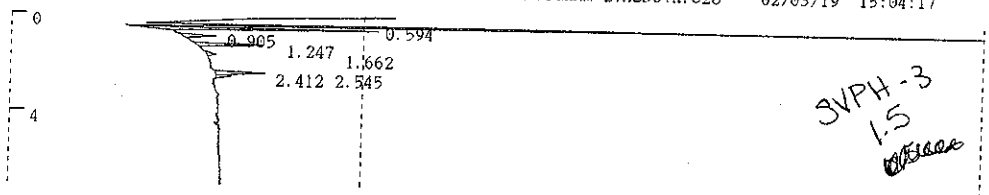


SVPH-3
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.594	2108	525				
	2	0.905	416	78		1		1,1-DCE
	3	1.247	754	156		2		1,1-DCA
	4	2.412	539	101				
		TOTAL	3816	859			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTK.C28 02/03/19 15:04:17

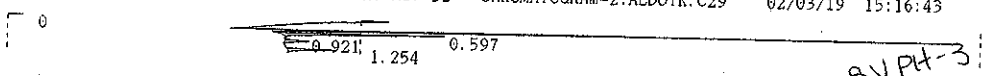


SVPH-3
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.594	2108	525				
	2	0.905	416	78		1		1,1-DCE
	3	1.247	754	156		2		1,1-DCA
	4	1.662	114	20				
	5	2.412	689	114				
	6	2.545	167	34	V			
		TOTAL	4248	927			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:ALDOTK.C29 02/03/19 15:16:43

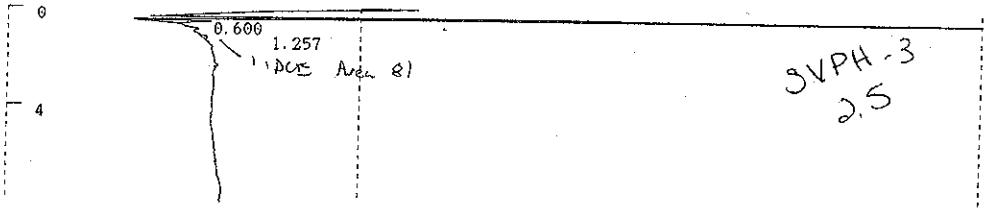


SVPH-3
1.5
0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.597	1252	373				
	2	0.921	263	54		1		1,1-DCE
	3	1.254	420	106		2		1,1-DCA
		TOTAL	1935	533			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOTK.C30 02/03/19 15:21:19

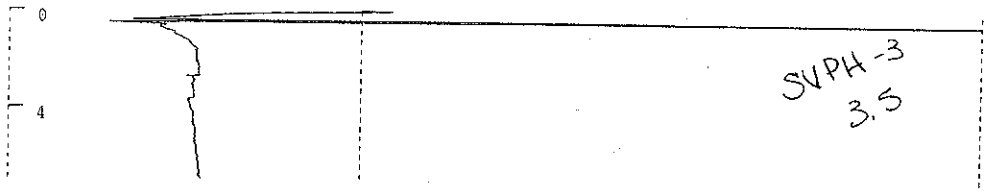


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.6	636	125				
	3	1.257	91	14		2		1,1-DCA
		TOTAL	727	140			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

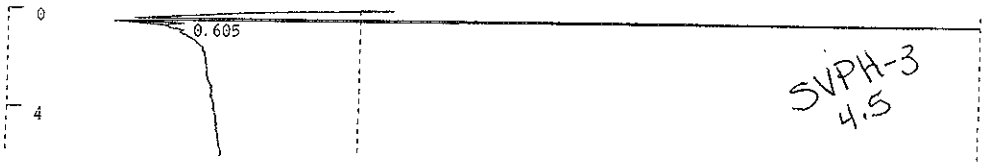
C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:ALDOTK.C31 02/03/19 15:34:08



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

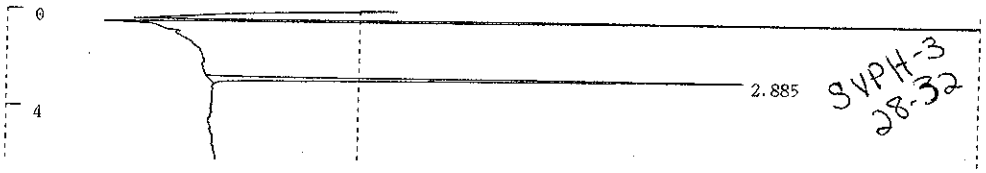
C-R4A CHROMATOPAC CH=1 REPORT No.=36 CHROMATOGRAM=2:ALDOTK.C32 02/03/19 15:43:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.605	521	98				
		TOTAL	521	98			0	

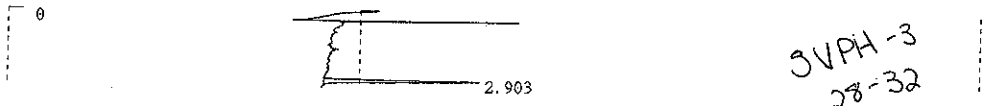
C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:ALDOTK.C33 02/03/19 15:52:10



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.885	7795	1210				
		TOTAL	7795	1210			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:ALDOTK.C34 02/03/19 16:14:17

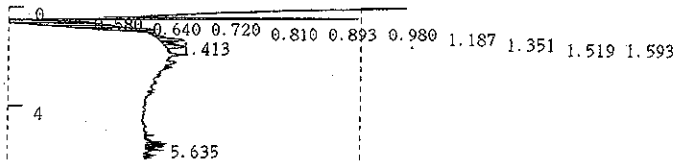


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.903	1892	357				
		TOTAL	1892	357			0	

223-02000-12 90515 ⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=39 CHROMATOGRAM=2:ALDOTK.C35 02/03/19 17:05:29

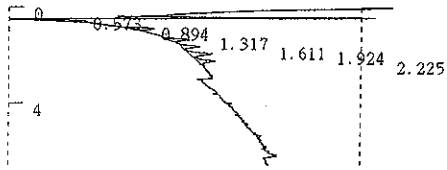


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.58	1294	223				
	2	0.64	260	190	V			
	3	0.72	917	163	V			
	4	0.81	616	131	V			
	5	0.893	832	124	V	1		1,1-DCE
	6	0.98	135	35	V			
	7	1.187	88	16		2		1,1-DCA
	8	1.351	317	58	V			
	9	1.413	102	38	V			
	10	1.519	122	28	V	3		C-DCE
	11	1.593	282	48	V	3		C-DCE
	19	5.635	91	43	V			
		TOTAL	5054	1097			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=41 CHROMATOGRAM=2:ALDOTK.C36 02/03/19 17:14:42



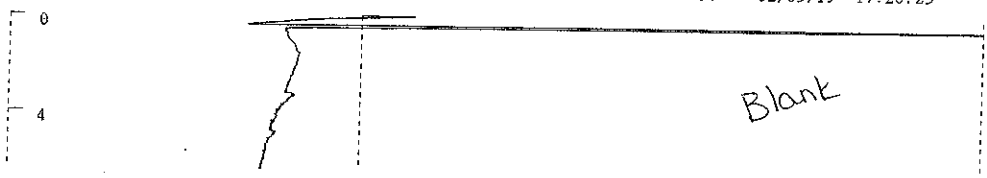
DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.573	564	105				
	2	0.894	348	48		1		1,1-DCE
	3	1.317	257	47		2		1,1-DCA
	4	1.611	239	41		3		C-DCE
	5	1.924	366	51		5		1,2-DCA
	6	2.225	277	38	V	6		BENZENE
		TOTAL	2052	331			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTK.C37 02/03/19 17:20:23



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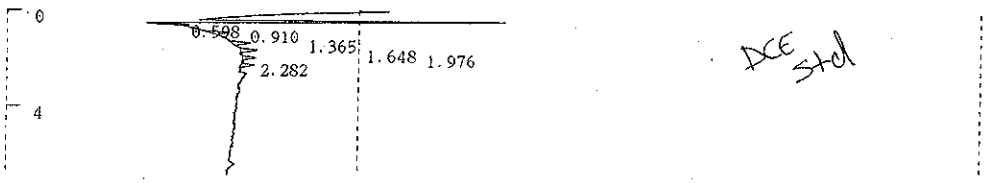
** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDO1K.C38 02/03/20 14:52:41



DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.598	217	50				
	2	0.91	278	47		1		1,1-DCE
	3	1.365	256	42				
	4	1.648	213	37				
	5	1.976	172	32		5		1,2-DCA
	6	2.282	200	32				
		TOTAL	1335	239			0	

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2000-12 90515
⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No. CHROMATOGRAM=2:ALDOTK.C39 02/03/20 15:27:06

TCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.894	2729	362				
		TOTAL	2729	362			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

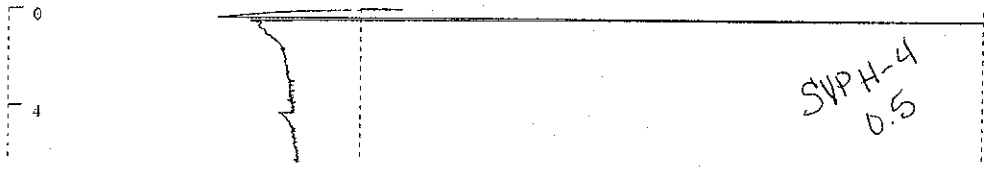
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTK.C40 02/03/20 15:31:49

Blank

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTK.C41 02/03/20 15:39:11



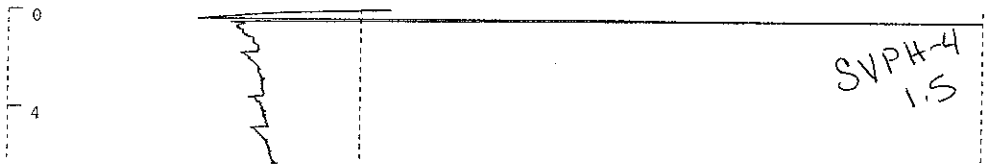
SVPH-4 0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTK.C42 02/03/20 15:46:55



SVPH-4 1.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

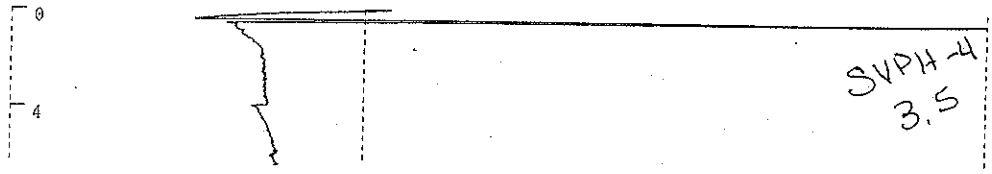
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTK.C43 02/03/20 15:54:43

SVPH-4 2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	164	32				
		TOTAL	164	32			0	

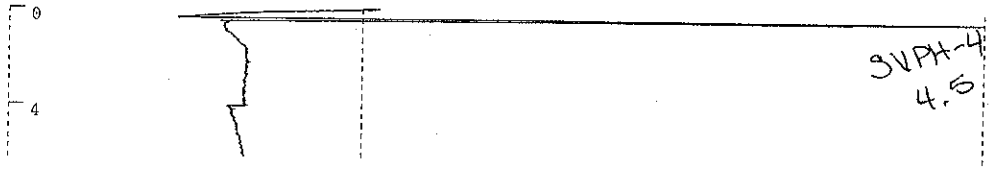
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTK.C44 02/03/20 16:02:22



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

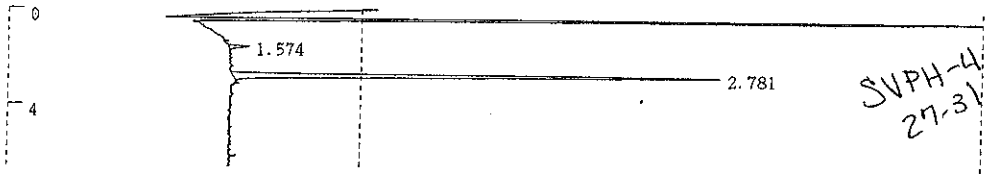
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTK.C45 02/03/20 16:10:00



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

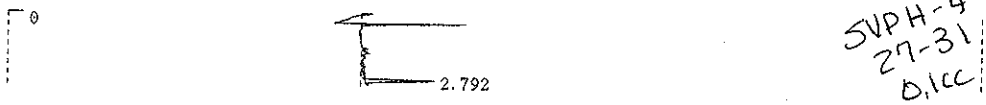
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTK.C46 02/03/20 16:26:25



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.574	256	46		3		C-DCE
	2	2.781	8305	1100		7	123.2637	TCE
		TOTAL	8560	1146			123.2637	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTK.C47 02/03/20 16:42:04



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.792	792	157		7	11.7601	TCE
		TOTAL	792	157			11.7601	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTK.C48 02/03/20 16:46:50

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

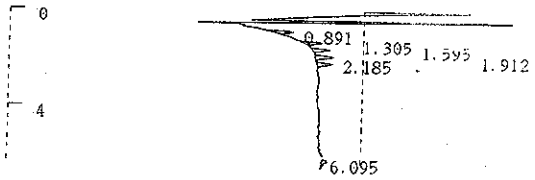
90515 ⊕ Shimadzu

164

223-02000-12

90515 ⊕ Shimadzu

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTK.C50 02/03/20 16:55:55



DCE std

165

223-02000-12

90

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.891	271	47		1		1,1-DCE
	2	1.305	249	42		2		1,1-DCA
	3	1.595	239	41		3		C-DCE
	5	1.912	267	41	V	5		1,2-DCA
	6	2.185	211	36		6		BENZENE
	7	6.095	137	14		9		PCE
	TOTAL		1374	221			0	

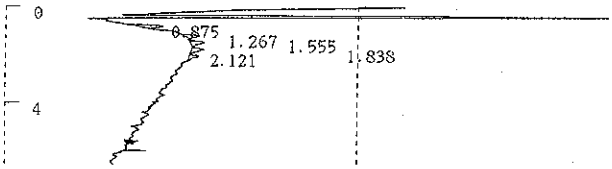
C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:ALDOTK.C50 02/03/21 08:06:15

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.702	2923	362		7	43.3905	TCE
	TOTAL		2923	362			43.3905	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTK.C51 02/03/21 08:12:22



DCE std

223-02000-12

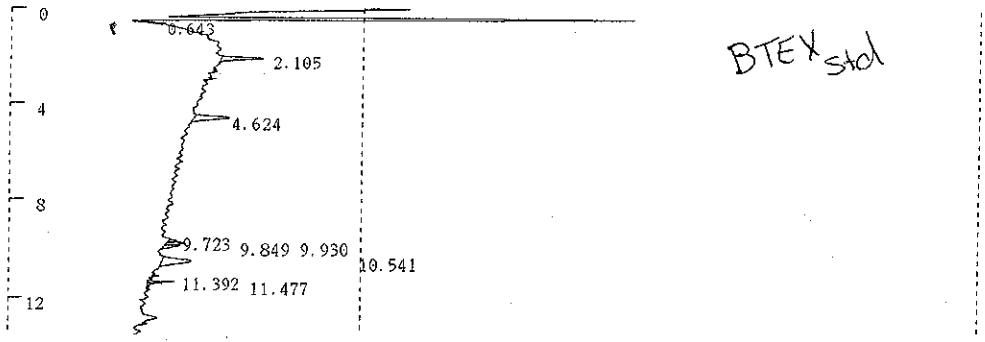
90515

⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.875	383	52		1		1,1-DCE
	2	1.267	220	36		2		1,1-DCA
	3	1.555	228	30		3		C-DCE
	4	1.838	226	29		4		1,1,1-TCA
	5	2.121	172	24		6		BENZENE
	TOTAL		1229	170			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTK.C52 02/03/21 08:27:18

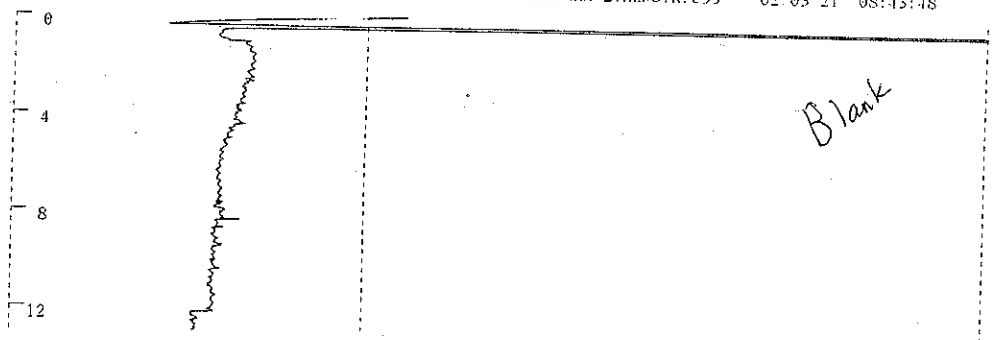


BTEX std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.643	141	22				
	2	2.105	744	99		6		BENZENE
	3	4.624	785	82		8		TOLUENE
	4	9.723	116	16		10		EBZ
	5	9.849	200	45	V	10		EBZ
	6	9.93	240	40	V	10		EBZ
	7	10.541	906	69		11		M-P XYLENE
	8	11.392	150	59				
	9	11.477	86	32	V			
	TOTAL		3368	465			0	

C-R4A CHROMATOPAC CH=1 T No.=5 CHROMATOGRAM 2:ALDOTK.C53 02/03/21 08:43:48



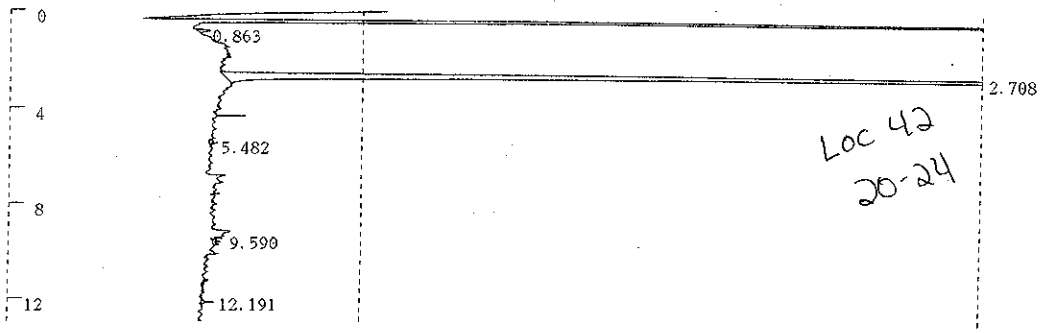
167

223-02000-12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:ALDOTK.C54 02/03/21 08:58:20



168

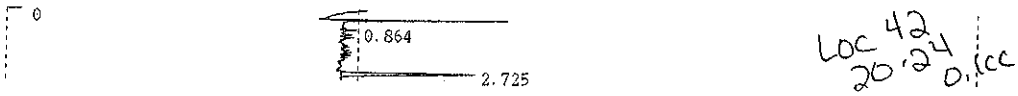
223-02000-12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.863	167	30		1		1,1-DCE
	2	2.708	22988	2911		7	341.2034	TCE
	4	5.482	105	18				
	6	9.59	113	17		10		EBZ
	7	12.191	102	31				
		TOTAL	23475	3007			341.2034	

90515

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTK.C55 02/03/21 09:17:07

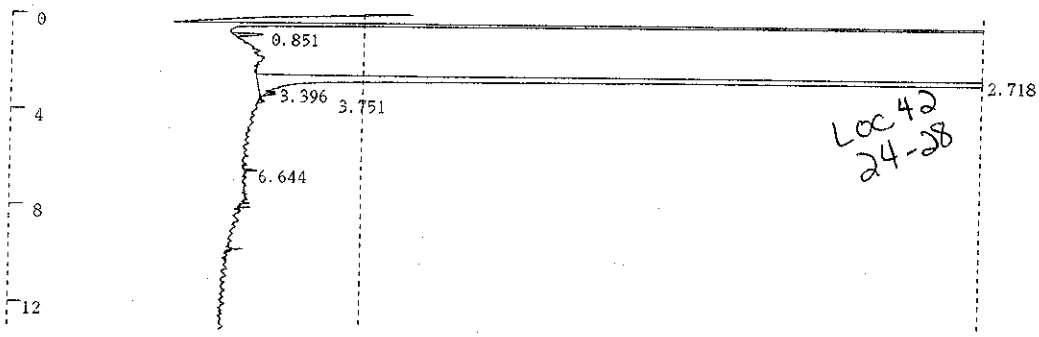


⊕ Shimadzu

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.864	97	34		1		1,1-DCE
	10	2.725	1586	307		7	23.5351	TCE
		TOTAL	1683	341			23.5351	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTK.C56 02/03/21 09:22:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.851	414	68		1		1,1-DCE
	2	2.718	55475	6531	S	7	823.4108	TCE
	5	3.396	133	23	TV			
	6	3.751	86	18				
	7	6.644	93	27				
		TOTAL	56200	6668			823.4108	

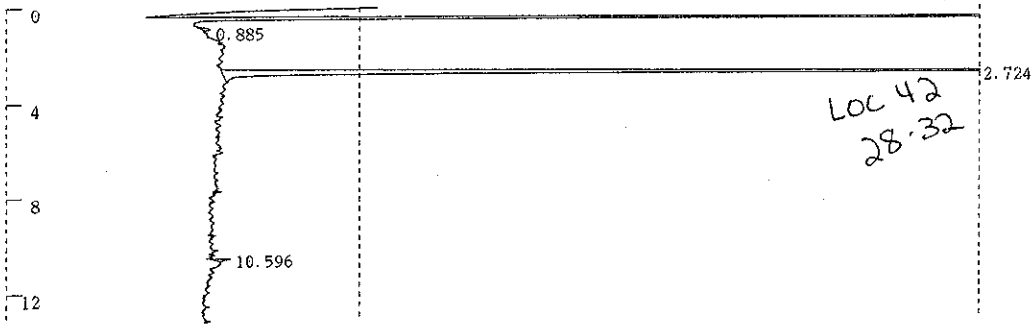
C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTK.C57 02/03/21 09:40:51

Loc 42
24-28 10 ml

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.692	844	166		7	12.529	TCE
		TOTAL	844	166			12.529	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTK.C58 02/03/21 09:45:53

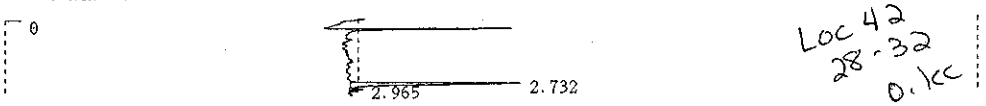


Loc 42
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.885	115	21		1		1,1-DCE
	2	2.724	15644	2077		7	232.1979	TCE
	5	10.596	179	43		11		M-P XYLENE
		TOTAL	15937	2140			232.1979	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTK.C59 02/03/21 10:00:34

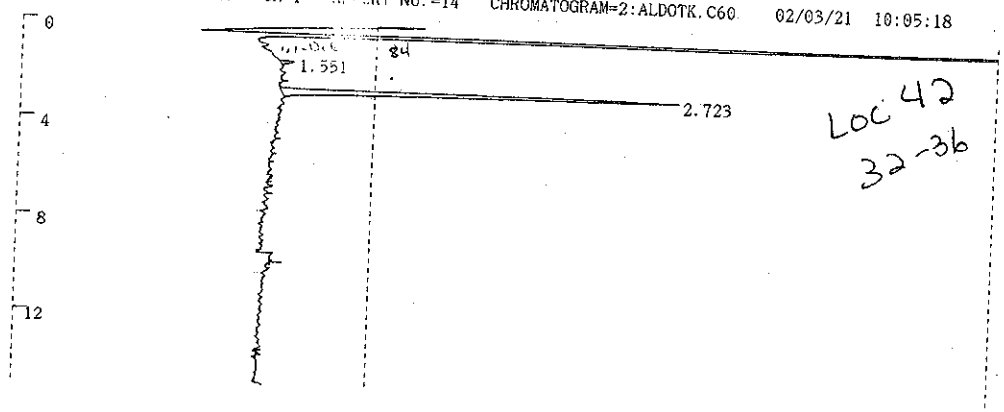


Loc 42
28-32
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.732	2081	384		7	30.8912	TCE
	2	2.965	102	33	V			
		TOTAL	2183	417			30.8912	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTK.C60 02/03/21 10:05:18

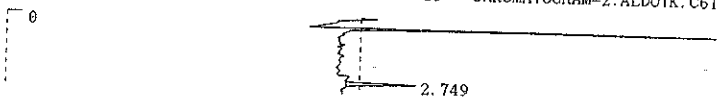


Loc 42
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	1.551	194	31		3		C-DCE
	3	2.723	7496	898		7	111.2587	TCE
		TOTAL	7690	928			111.2587	

C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTK.C61 02/03/21 10:26:48

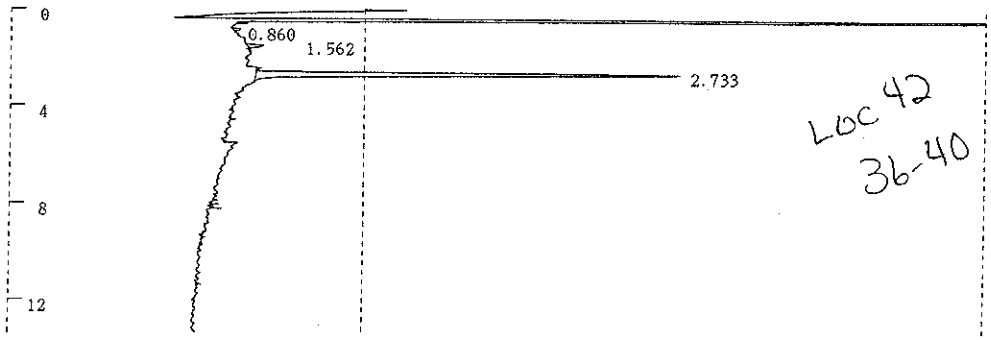


Loc 42
32-36
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.749	876	160		7	13.0069	TCE
		TOTAL	876	160			13.0069	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTK.C62 02/03/21 10:31:45



Loc 42
36-40

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.86	113	19		1		1,1-DCE
	2	1.562	231	37		3		C-DCE
	3	2.733	8080	961		7	119.9374	TCE
		TOTAL	8425	1018			119.9374	

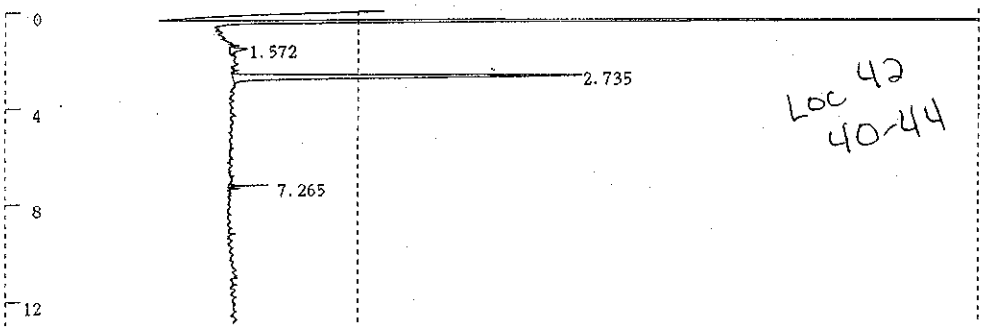
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTK.C63 02/03/21 10:50:43

Loc 42
36-40
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.757	596	116		7	8.8509	TCE
		TOTAL	596	116			8.8509	

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTK.C64 02/03/21 10:59:26



Loc 42
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.572	318	39		3		C-DCE
	2	2.735	6368	789		7	94.5261	TCE
	3	7.265	167	81				
	TOTAL		6854	909			94.5261	

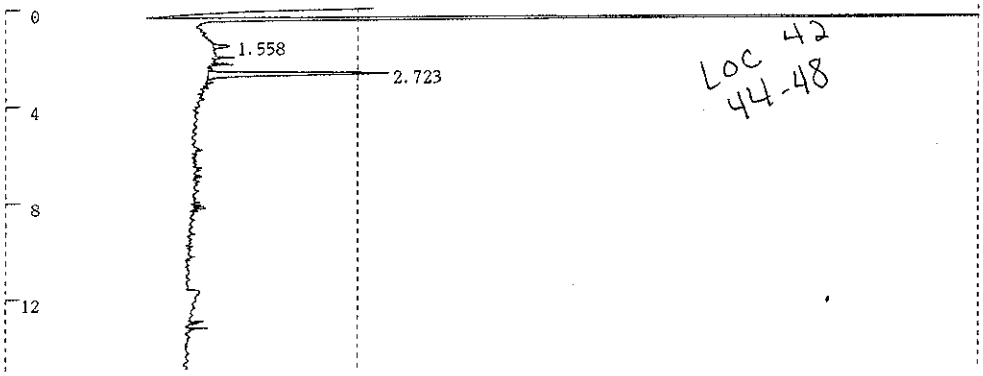
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTK.C65 02/03/21 11:17:57

Loc 42
40-44
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	4	2.755	956	182		7	14.1929	TCE
	TOTAL		956	182			14.1929	

C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTK.C66 02/03/21 11:22:15

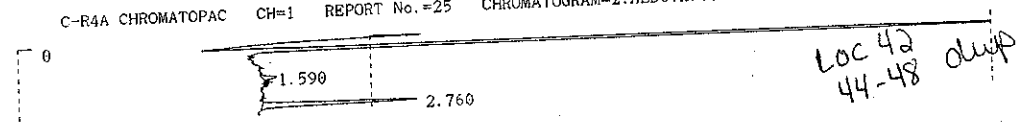


Loc 42
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.558	252	37		3		C-DCE
	8	2.723	3367	413	S	7	49.9749	TCE
	TOTAL		3618	450			49.9749	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTK.C67 02/03/21 11:44:05

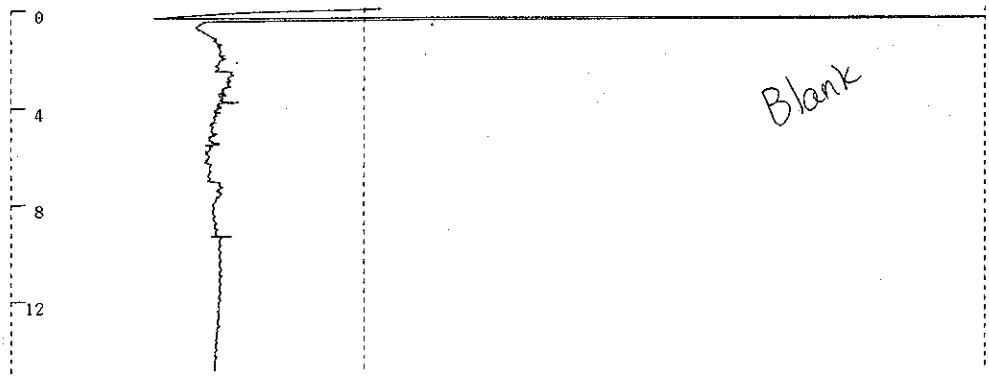


Loc 42
44-48 dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.59	233	33		3		C-DCE
	3	2.76	2844	355		7	42.2165	TCE

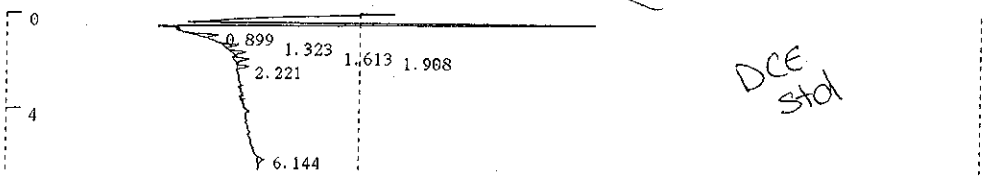
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:ALDOTK.C68 02/03/21 11:55:11



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

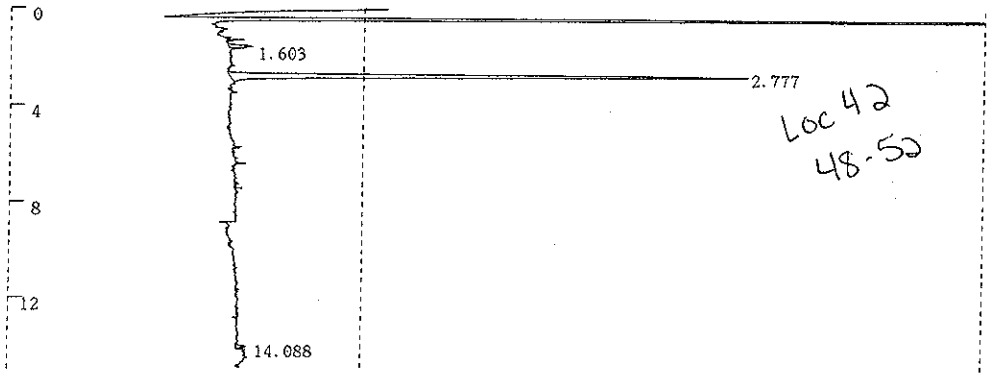
C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:ALDOTK.C69 02/03/21 12:54:37



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.899	335	48		1		1,1-DCE
	2	1.323	238	36		2		1,1-DCA
	3	1.613	221	33		3		C-DCE
	4	1.908	251	34		5		1,2-DCA
	5	2.221	162	26		6		BENZENE
	6	6.144	129	16		9		PCE
		TOTAL	1335	193			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:ALDOTK.C70 02/03/21 13:16:07



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	1.603	307	55		3		C-DCE
	5	2.777	9436	1168		7	140.0615	TCE
	6	14.088	136	23				
		TOTAL	9879	1245			140.0615	

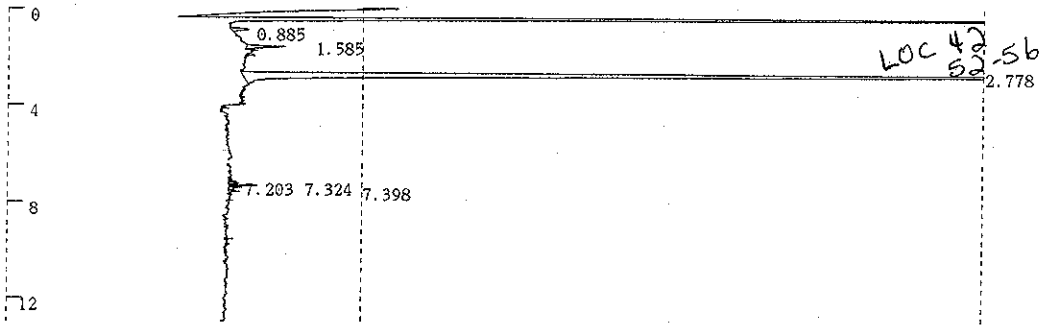
C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:ALDOTK.C71 02/03/21 13:57:19

Loc 42
48-52
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.782	985	186		7	14.6248	TCE
		TOTAL	985	186			14.6248	

C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:ALDOTK.C72 02/03/21 14:03:35



Loc 42
52-56

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.885	227	40		1		1,1-DCE
	2	1.585	458	89		3		C-DCE
	7	2.778	18040	2211	S	7	267.7632	TCE
	11	7.203	100	23	V			
	12	7.324	114	56	V			
	13	7.398	138	27	V			
		TOTAL	19077	2446			267.7632	

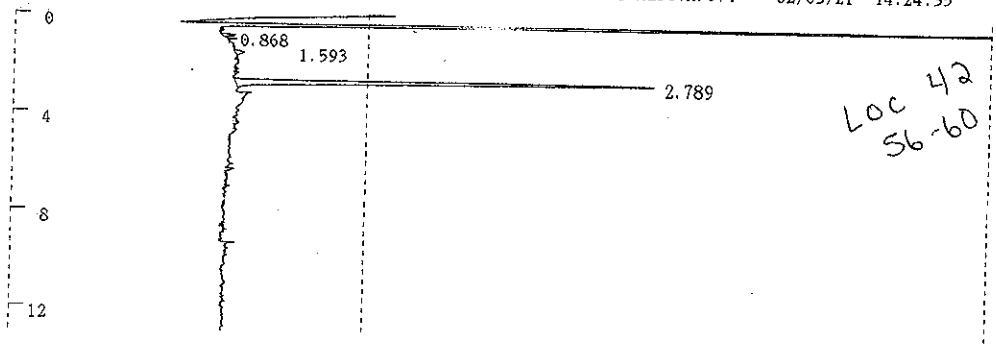
C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:ALDOTK.C73 02/03/21 14:19:34

Loc 42
52-56
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.802	1262	235		7	18.7289	TCE
		TOTAL	1262	235			18.7289	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:ALDOTK.C74 02/03/21 14:24:35

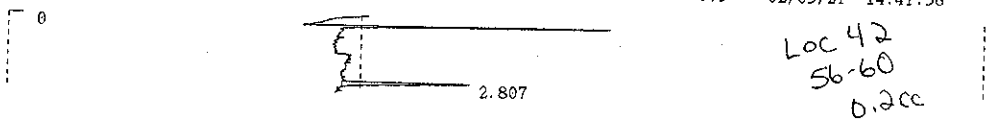


Loc 42
56-60

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.868	158	32		1		1,1-DCE
	4	1.593	151	22		3		C-DCE
	5	2.789	7361	942		7	109.2548	TCE
	TOTAL		7669	996			109.2548	

C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:ALDOTK.C75 02/03/21 14:41:38

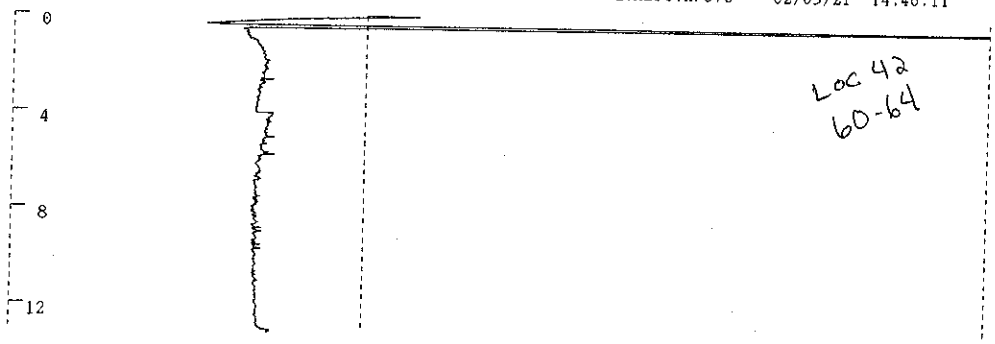


Loc 42
56-60
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.807	1590	287		7	23.6048	TCE
	TOTAL		1590	287			23.6048	

C-R4A CHROMATOPAC CH=1 REPORT No.=36 CHROMATOGRAM=2:ALDOTK.C76 02/03/21 14:46:11

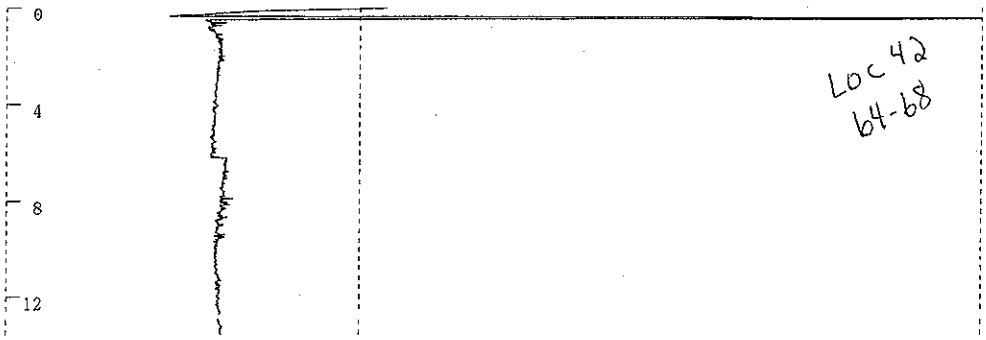


Loc 42
60-64

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

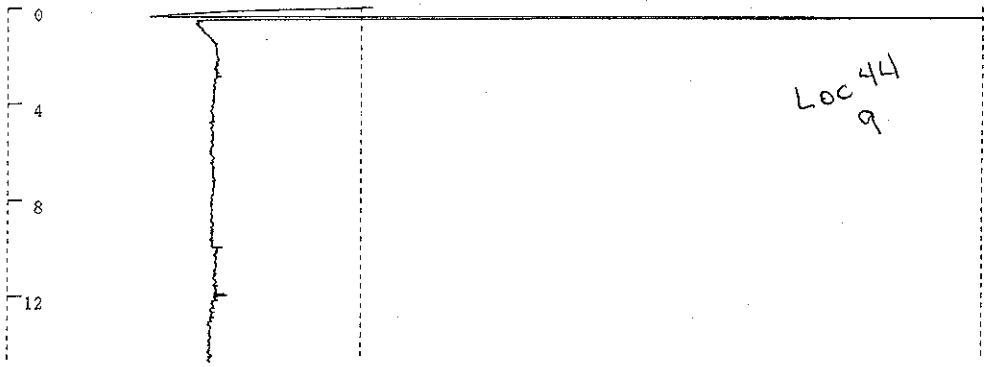
C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:ALDOTK.C77 02/03/21 15:00:53



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

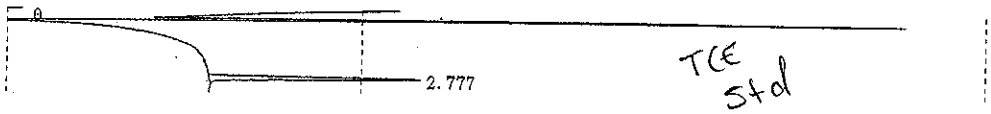
C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:ALDOTK.C78 02/03/21 15:15:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

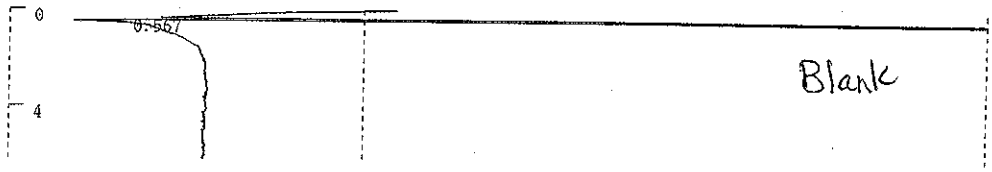
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:ALDOTL.C18 02/04/01 16:03:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.777	2934	478		7	59.202	TCE
		TOTAL	2934	478			59.202	

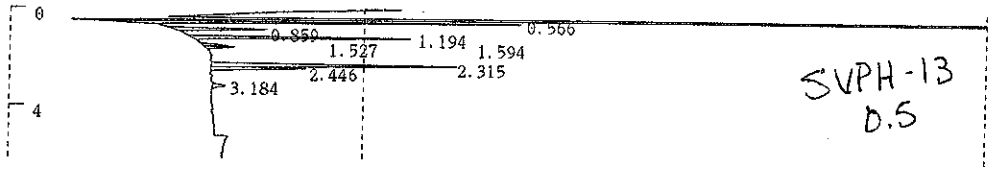
C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:ALDOTL.C19 02/04/01 16:07:24



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.567	109	21				
		TOTAL	109	21			0	

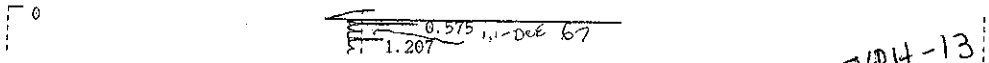
C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:VAPORB.C01 02/04/01 16:15:16



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.566	3564	917				
	2	0.859	1046	213		1		1,1-DCE
	3	1.194	2210	495		2		1,1-DCA
	4	1.527	267	52		3		C-DCE
	5	1.594	293	67	V	3		C-DCE
	6	2.315	3342	554				
	7	2.446	1221	214	V			
	8	3.184	205	31				
		TOTAL	12147	2543			0	

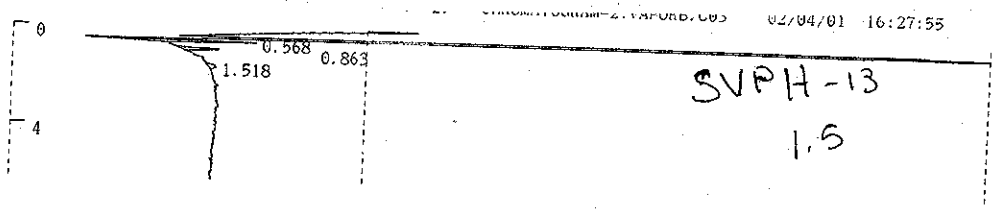
C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:VAPORB.C02 02/04/01 16:22:59



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.575	406	155	V			
	4	1.207	246	78		2		1,1-DCA
		TOTAL	651	234			0	

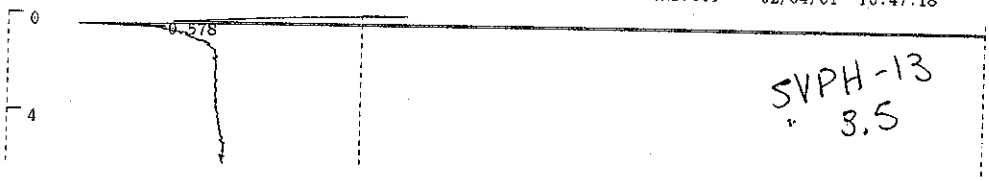
069
223-02000-12



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.568	1120	282				
	2	0.863	418	85		1		1,1-DCE
	3	1.518	176	19		3		C-DCE
		TOTAL	1714	386			0	

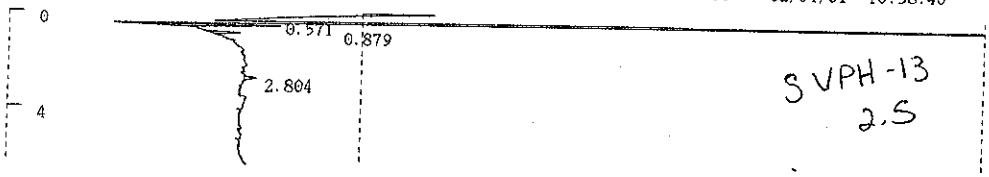
C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:VAPORB.C05 02/04/01 16:47:18



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.578	359	73				
		TOTAL	359	73			0	

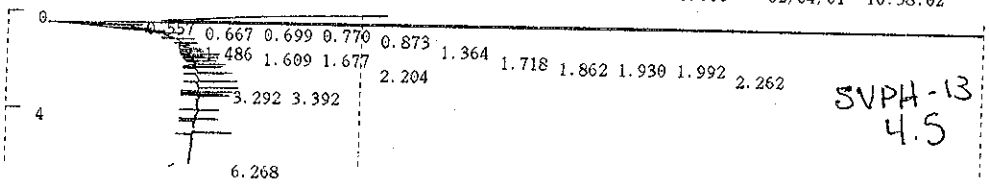
C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:VAPORB.C04 02/04/01 16:38:40



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.571	1109	280				
	2	0.879	322	67		1		1,1-DCE
	3	2.804	151	28		7	3.047	TCE
		TOTAL	1582	375			3.047	

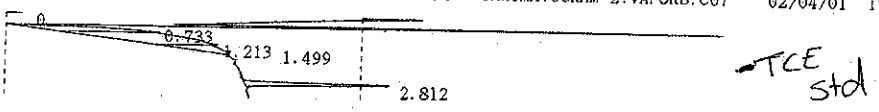
C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:VAPORB.C06 02/04/01 16:58:02



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.557	461	142				
	2	0.667	439	72	V			
	3	0.699	129	82	V			
	4	0.77	154	41	V			
	6	0.873	93	57	V	1		1,1-DCE
	10	1.364	107	27	V			
	11	1.486	161	45	V	3		C-DCE
	13	1.609	128	53	V	3		C-DCE
	14	1.677	99	26	V			
	15	1.718	152	87	V			
	18	1.862	87	72	V	4		1,1,1-TCA
	19	1.93	93	23	V	5		1,2-DCA
	20	1.992	113	69	V	5		1,2-DCA
	23	2.204	122	84		6		BENZENE
	24	2.262	100	84				
	26	3.292	156	113				
	28	3.392	187	95	V			
	33	6.268	180	114		9		PCE
		TOTAL	2961	1286			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:VAPORB.C07 02/04/01 17:26:49



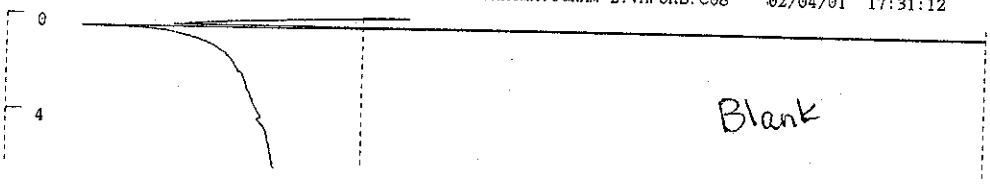
TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.733	2731	234				
	2	1.213	5697	161	V	2		1,1-DCA
	3	1.499	1640	65	V	3		C-DCE
	4	2.812	2037	325		7	41.1018	TCE
		TOTAL	12104	785			41.1018	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:VAPORB.C08 02/04/01 17:31:12



Blank

** CALCULATION REPORT ** * WARNING * CALERROR: 1

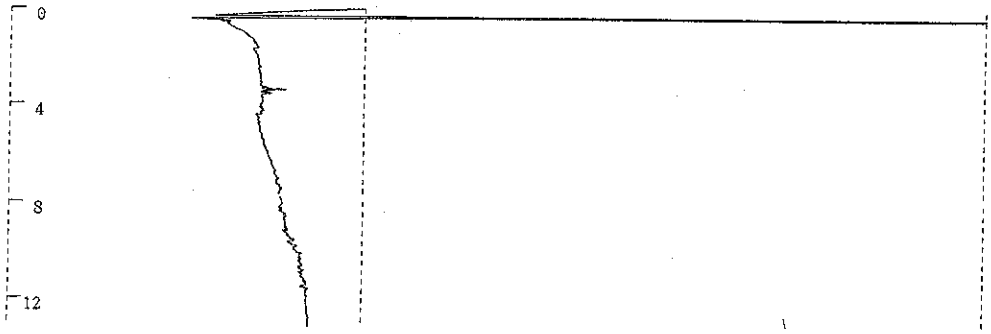
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTL.C55 02/04/03 15:42:33

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.687	626	54				
	4	2.737	2062	316		7	41.6143	TCE
		TOTAL	2688	370			41.6143	

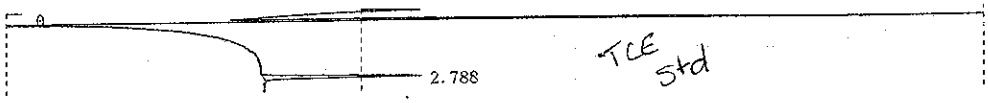
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTL.C56 02/04/03 15:46:50



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

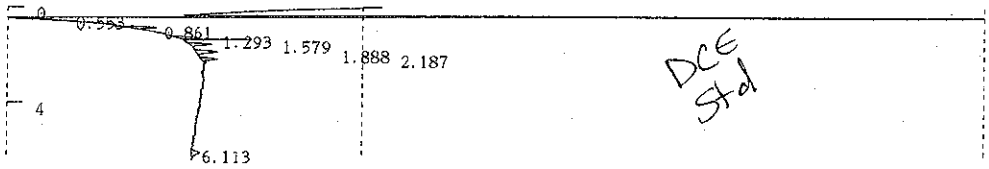
C-R4A CHROMATOPAC CH=1



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.788	2259	361		7	45.5875	TCE
		TOTAL	2259	361			45.5875	

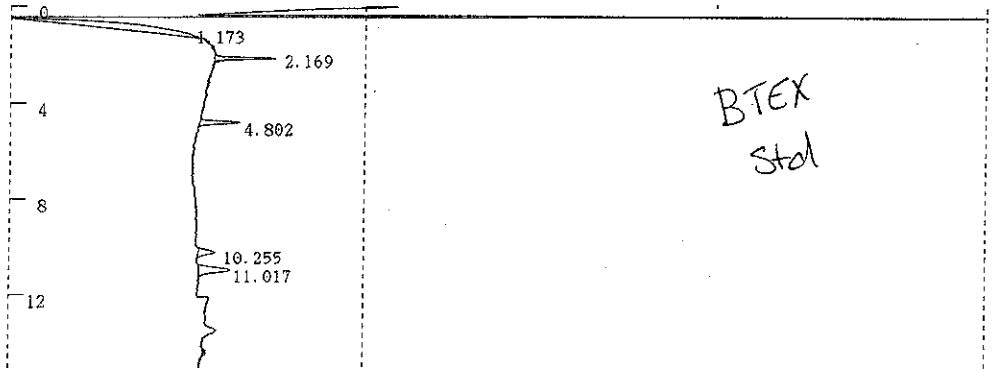
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTL.C02 02/04/01 12:51:08



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.553	235	57				
	2	0.861	292	66		1		1,1-DCE
	3	1.293	251	53		2		1,1-DCA
	4	1.579	249	51		3		C-DCE
	5	1.888	301	49		5		1,2-DCA
	6	2.187	178	37		6		BENZENE
	7	6.113	179	18		9		PCE
		TOTAL	1684	330			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTL.C03 02/04/01 13:03:30

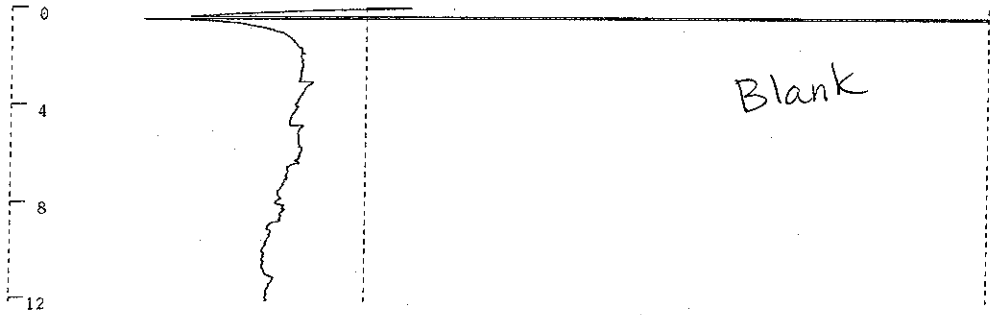


** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.173	5899	68				
	2	2.169	801	136		6		BENZENE
	4	4.802	740	91		8		TOLUENE
	5	10.255	516	40		10		EBZ
	6	11.017	1083	71		11		M-P XYLENE
		TOTAL	9037	407			0	

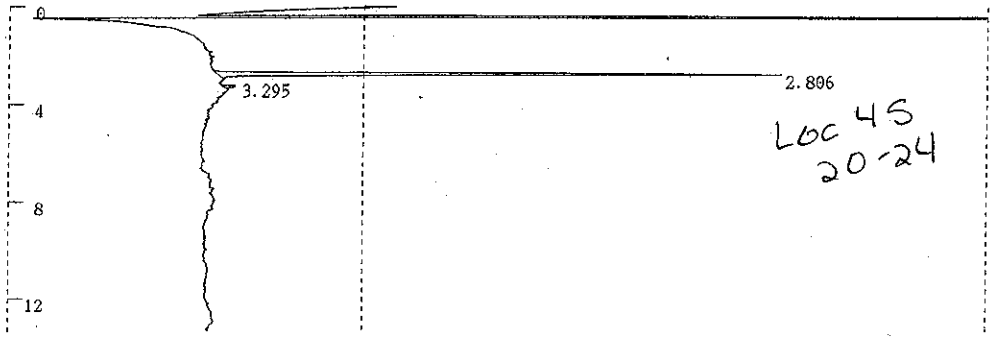
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTL.C04 02/04/01 13:34:53



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

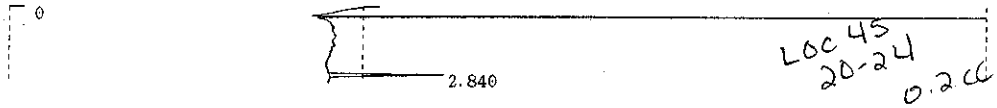


Loc 45
20-24

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.806	7565	1266		7	152.6592	TCE
	2	3.295	114	28				
	TOTAL		7679	1294			152.6592	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTL.C06 02/04/01 14:03:17

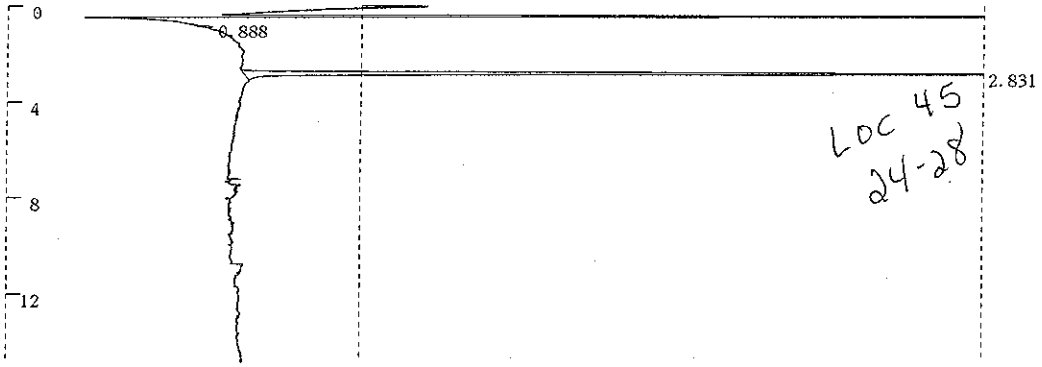


Loc 45
20-24
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.84	1267	256		7	25.5562	TCE
	TOTAL		1267	256			25.5562	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTL.C07 02/04/01 14:08:10



Loc 45
24-28

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.888	138	26		1		1,1-DCE
	2	2.831	12260	1970		7	247.3916	TCE
	TOTAL		12398	1996			247.3916	

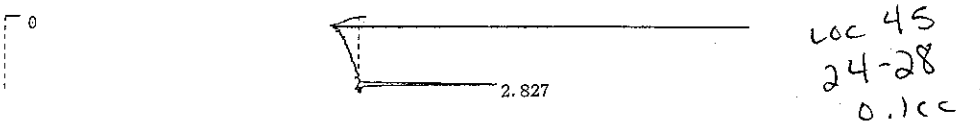
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTL.C08 02/04/01 14:29:43

Loc 45
error

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTL.C09 02/04/01 14:33:34

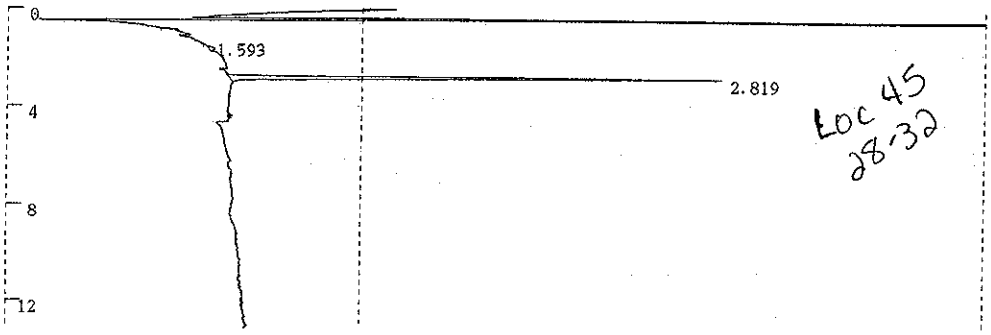


Loc 45
24-28
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.827	1618	310		7	32.6409	TCE
	TOTAL		1618	310			32.6409	

C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTL.C10 02/04/01 14:37:57



Loc 45
28-32

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	1.593	109	12		3		C-DCE
	4	2.819	6316	1105		7	127.4379	TCE
		TOTAL	6424	1117			127.4379	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

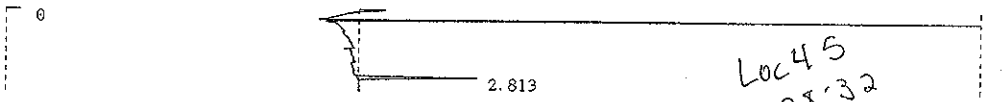
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTL.C11 02/04/01 14:56:21

error

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTL.C12 02/04/01 14:59:28

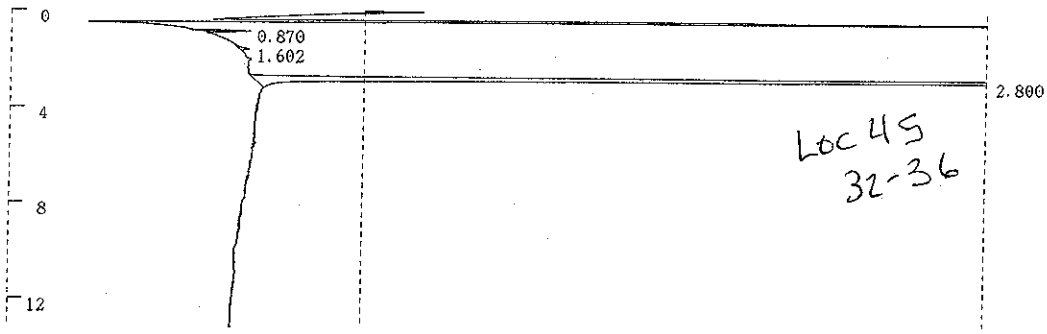


Loc 45
28-32
0.2cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.813	1336	271		7	26.9647	TCE
		TOTAL	1336	271			26.9647	

C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTL.C13 02/04/01 15:04:19

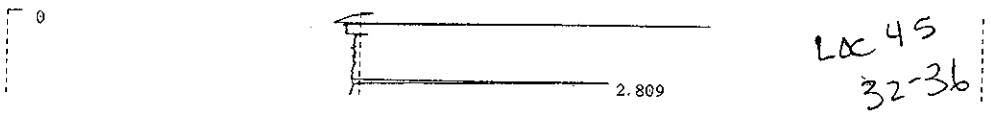


Loc 45
32-36

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.87	399	105		1		1,1-DCE
	2	1.602	134	23		3		C-DCE
	3	2.8	30293	4949		7	611.2622	TCE
		TOTAL	30826	5076			611.2622	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTL.C14 02/04/01 15:23:15

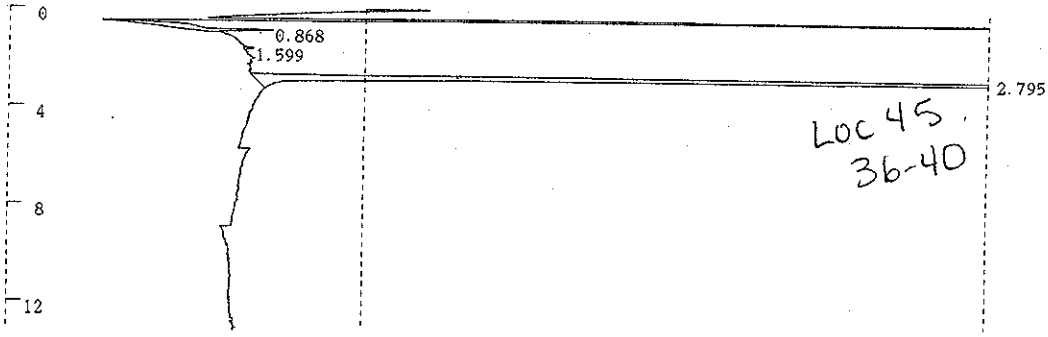


Loc 45
32-36
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.809	2806	573		7	56.6151	TCE
		TOTAL	2806	573			56.6151	

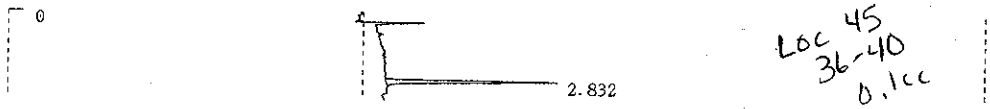
C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTL.C15 02/04/01 15:29:35



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.868	2426	187		1		1,1-DCE
	3	1.599	106	22		3		C-DCE
	4	2.795	36251	5775		7	731.4963	TCE
	TOTAL		38783	5984			731.4963	

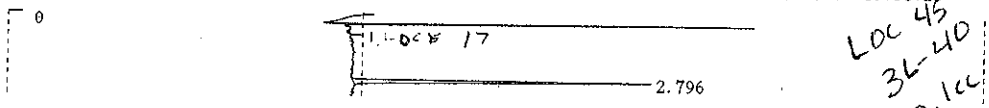
C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTL.C16 02/04/01 15:44:30



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.832	2289	387		7	46.1969	TCE
	TOTAL		2289	387			46.1969	

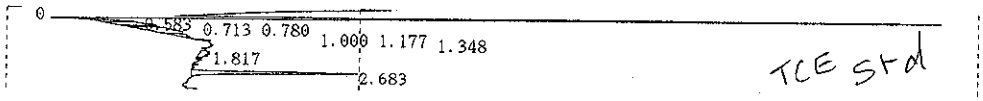
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTL.C17 02/04/01 15:51:28



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.796	3333	671		7	67.2573	TCE
	TOTAL		3333	671			67.2573	

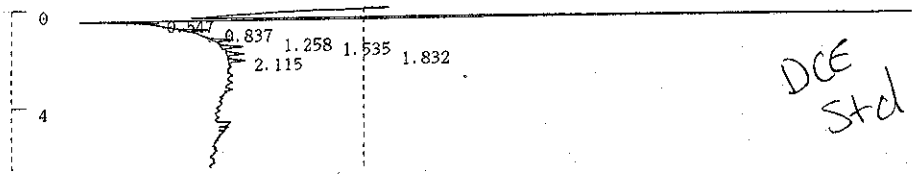
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:ALDOTL.C20 02/04/02 08:40:39



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.583	276	81				
	2	0.713	708	90	V			
	3	0.78	255	73	V			
	4	1	998	65	V			
	5	1.177	210	26	V			
	6	1.348	90	19	V			
	8	1.817	261	22	V	4		1,1,1-TCA
	10	2.683	2369	377		7	47.8071	TCE
	TOTAL		5168	753			47.8071	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:ALDOTL.C21 02/04/02 08:48:26

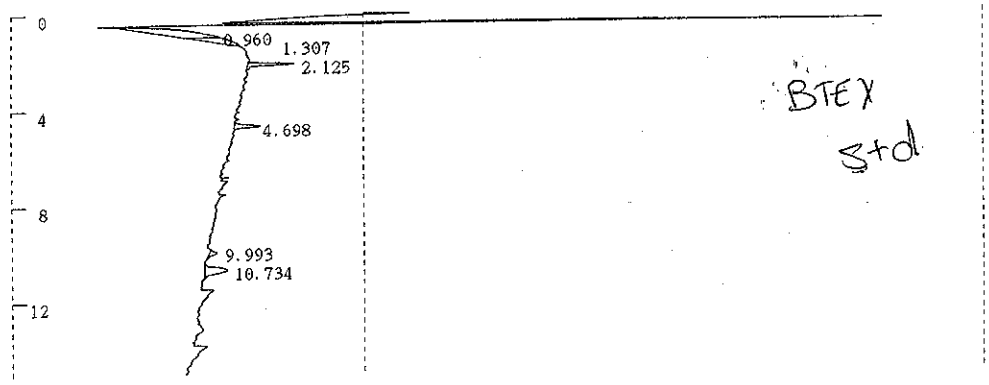


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.547	180	58				
	2	0.837	269	61				
	3	1.258	277	47		2		1,1-DCA
	4	1.535	272	48		3		C-DCE
	5	1.832	241	39		4		1,1,1-TCA
	6	2.115	227	38		6		BENZENE
		TOTAL	1466	291			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTL.C22 02/04/02 09:08:12

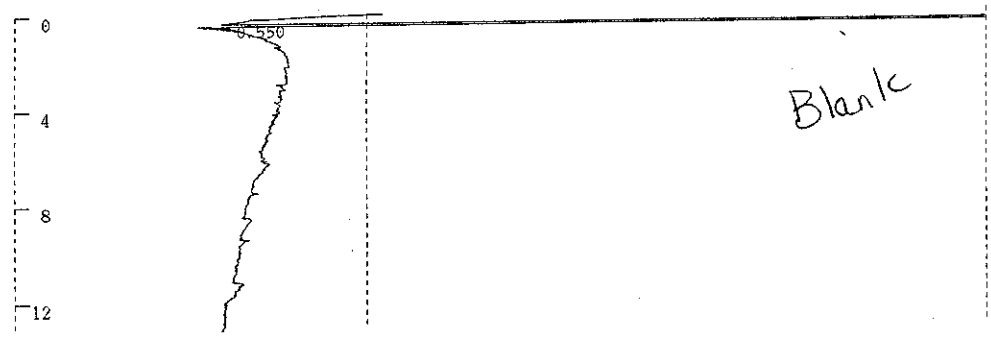


BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.96	2782	90				
	2	1.307	1075	20	V	2		1,1-DCA
	3	2.125	636	105		6		BENZENE
	4	4.698	506	59		8		TOLUENE
	5	9.993	196	16		10		EBZ
	6	10.734	857	52		11		M-P XYLENE
		TOTAL	6053	342			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=6 CHROMATOGRAM=2:ALDOTL.C23 02/04/02 09:25:11

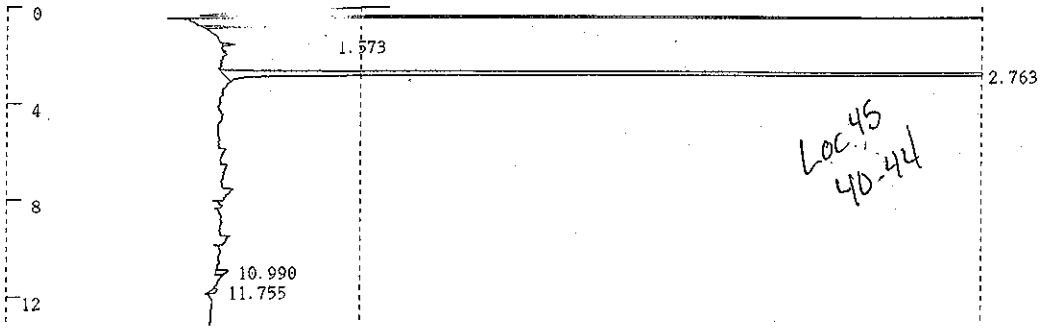


Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.55	144	30				
		TOTAL	144	30			0	

C-R4A CHROMATOPAC REPORT No.=7 CHROMATOGRAM=2:ALDOTL.C24 02/04/02 09:39:39



Loc 45
40-44

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.853	631	158		1		1,1-DCE
	2	1.573	126	29		3		C-DCE
	3	2.763	36816	6161		7	742.8972	TCE
	4	10.99	241	28		11		M-P XYLENE
	5	11.755	170	14				
		TOTAL	37984	6389			742.8972	

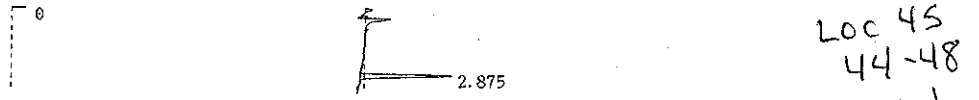
C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTL.C25 02/04/02 09:55:24

Loc 45
40-44
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.837	3016	430		7	60.8546	TCE
		TOTAL	3016	430			60.8546	

C-R4A CHROMATOPAC CH=1 REPORT No.=10 CHROMATOGRAM=2:ALDOTL.C27 02/04/02 10:17:49

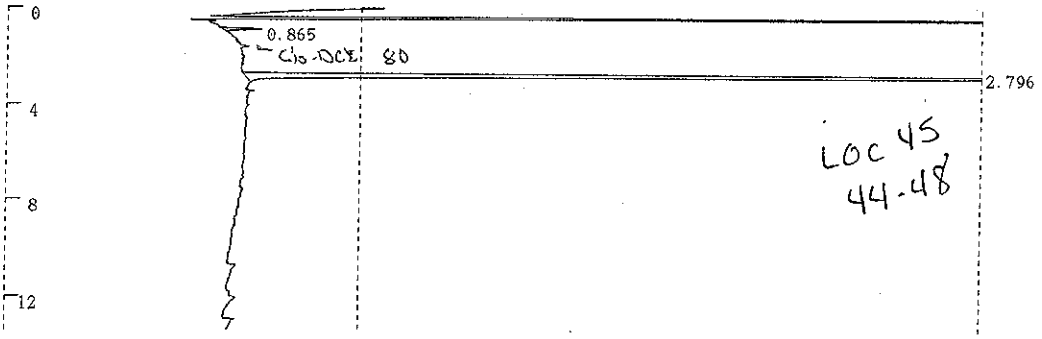


Loc 45
44-48
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.875	1492	208				
		TOTAL	1492	208			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTL.C26 02/04/02 10:02:47

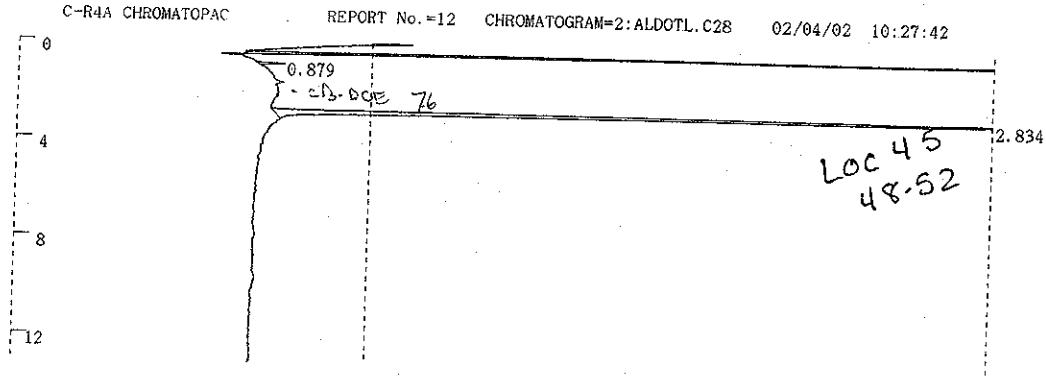


Loc 45
44-48

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	0.865	369	91		1		1,1-DCE
	4	2.796	20385	3383		7	411.3468	TCE
		TOTAL	20754	3474			411.3468	

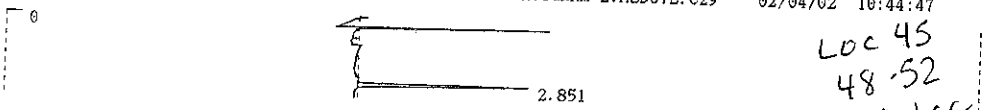
C-R4A CHROMATOPAC REPORT No.=12 CHROMATOGRAM=2:ALDOTL.C28 02/04/02 10:27:42



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.879	237	61		1		1,1-DCE
	2	2.834	13701	2273		7	276.4609	TCE
	TOTAL		13937	2334			276.4609	

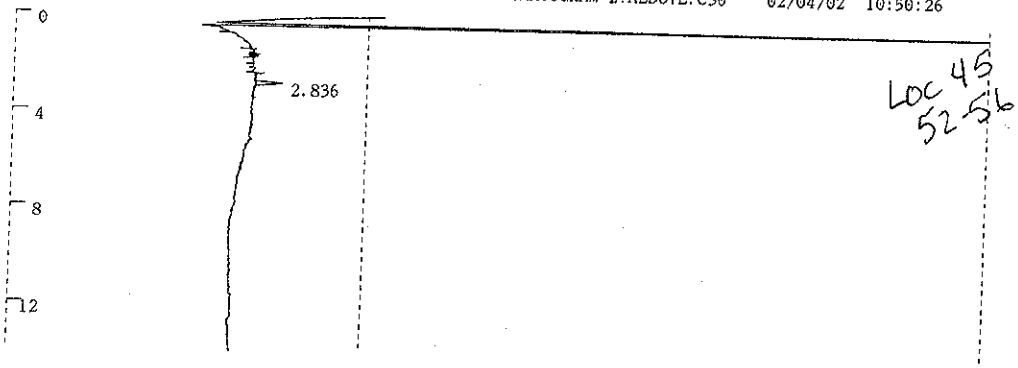
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:ALDOTL.C29 02/04/02 10:44:47



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	2.851	1909	386				
	TOTAL		1909	386			0	

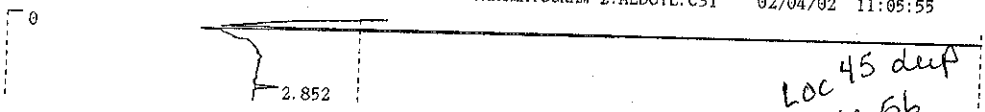
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTL.C30 02/04/02 10:50:26



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	5	2.836	360	61		7	7.2603	TCE
	TOTAL		360	61			7.2603	

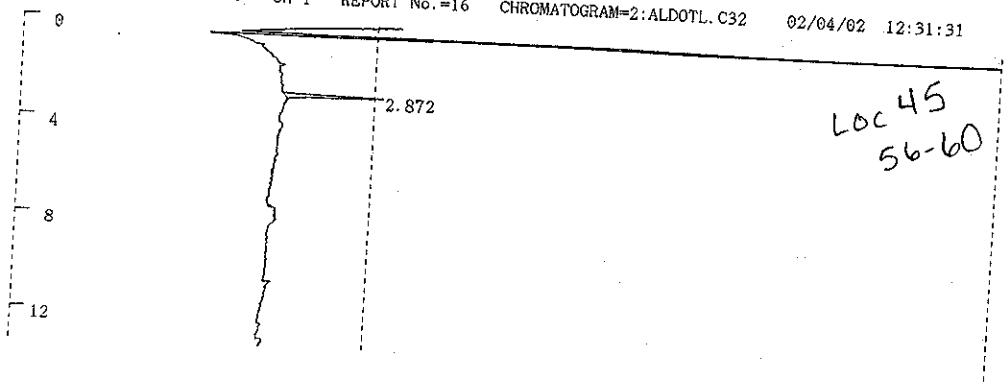
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTL.C31 02/04/02 11:05:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.852	280	52				
	TOTAL		280	52			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:ALDOTL.C32 02/04/02 12:31:31

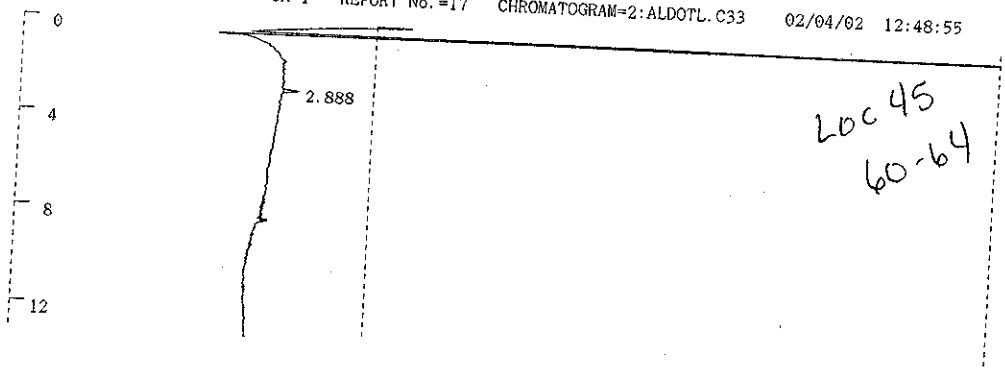


Loc 45
56-60

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.872	1320	225				
	TOTAL		1320	225			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTL.C33 02/04/02 12:48:55

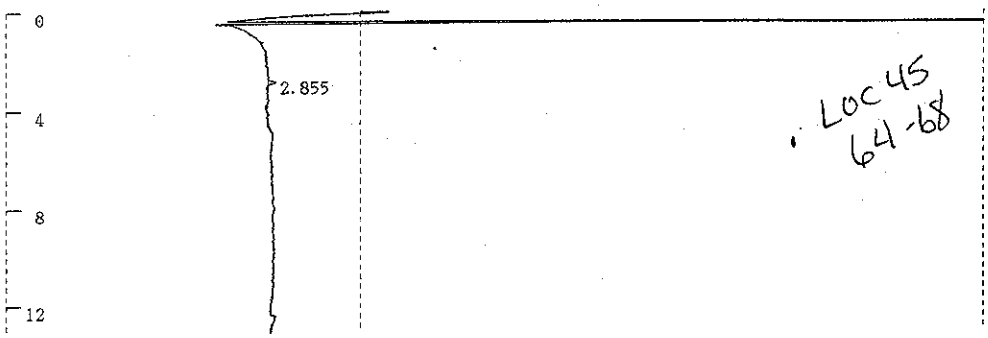


Loc 45
60-64

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.888	190	34				
	TOTAL		190	34			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTL.C34 02/04/02 13:03:53



Loc 45
64-68

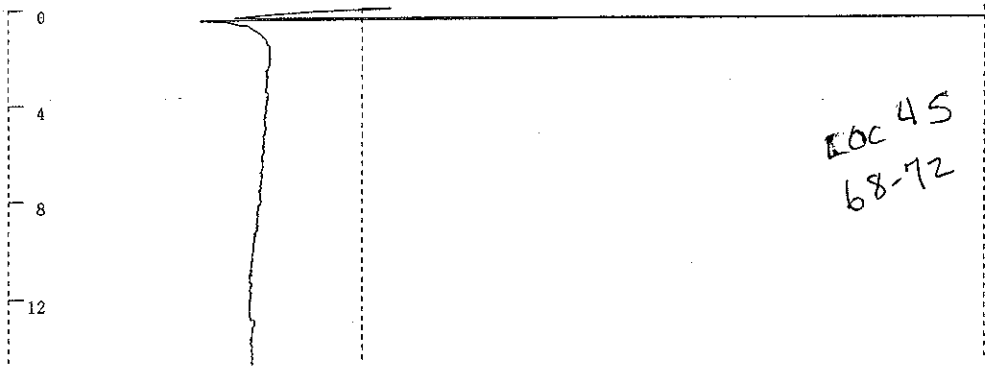
223-02000-12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.855	114	18				
		TOTAL	114	18			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=20 CHROMATOGRAM=2:ALDOTL.C35 02/04/02 13:23:46



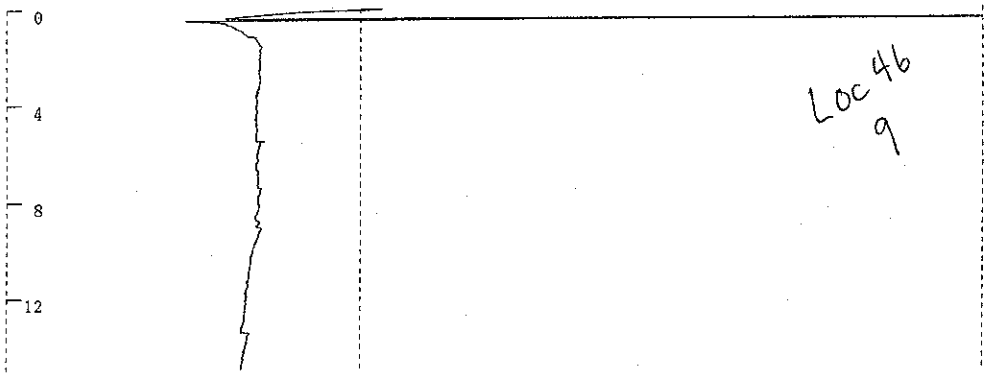
Loc 45
68-72

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:ALDOTL.C36 02/04/02 13:40:57



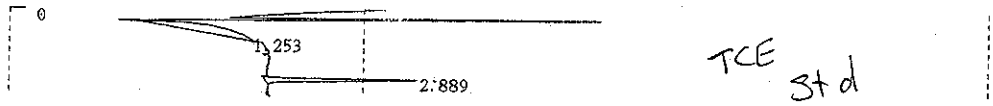
Loc 46
9

223-02000-12

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

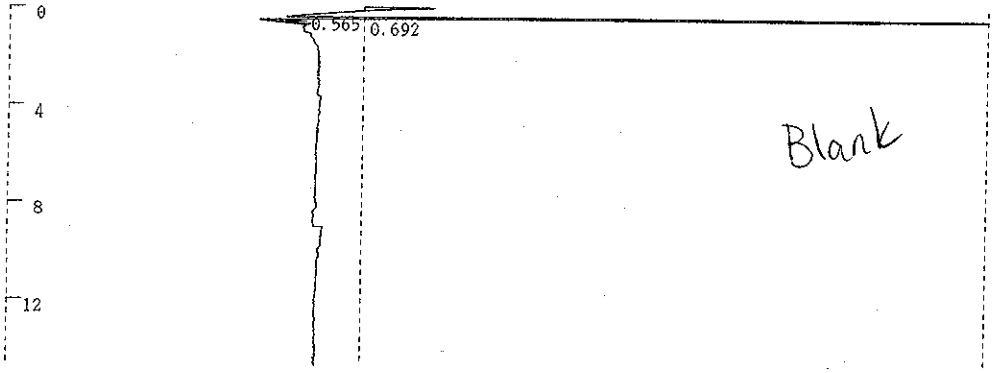
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:ALDOTL.C37 02/04/02 14:06:54



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.253	3380	19		2		1,1-DCA
	2	2.889	2271	345				
		TOTAL	5651	364			0	

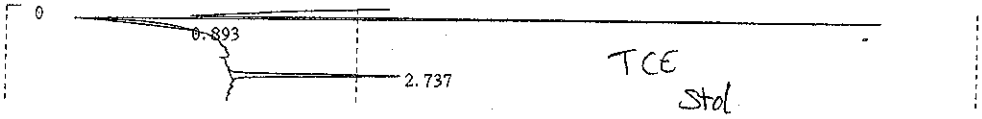
C-R4A CHROMATOPAC CH=1 REPORT No.=23 CHROMATOGRAM=2:ALDOTL.C38 02/04/02 14:11:58



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.565	283	80				
	3	0.692	133	33	V			
		TOTAL	416	113			0	

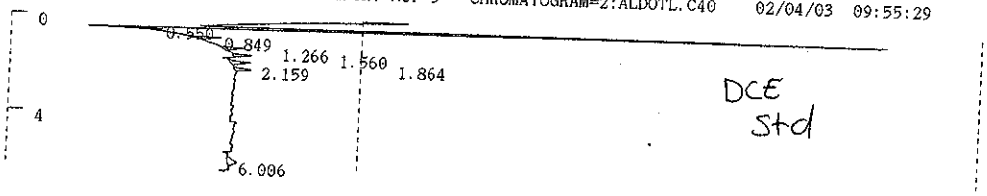
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:ALDOTL.C39 02/04/03 09:40:17



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.893	1236	20		1		1,1-DCE
	2	2.737	2580	386		7	52.0547	TCE
		TOTAL	3816	406			52.0547	

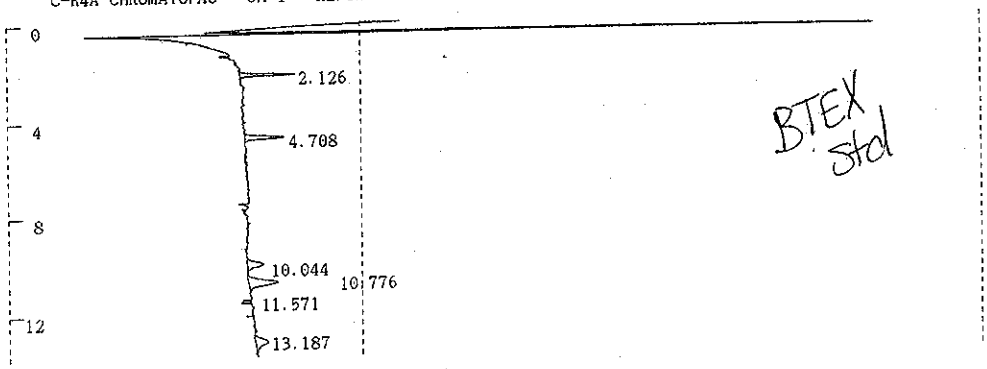
C-R4A CHROMATOPAC CH=1 REPORT No.=5 CHROMATOGRAM=2:ALDOTL.C40 02/04/03 09:55:29



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.55	179	50				
	2	0.849	283	63				
	4	1.266	212	48		2		1,1-DCA
	5	1.56	196	43		3		C-DCE
	6	1.864	307	45		4		1,1,1-TCA
	7	2.159	222	38		6		BENZENE
	8	6.006	245	20		9		PCE
		TOTAL	1643	306			0	

C-R4A CHROMATOPAC CH=1 REPORT CHROMATOGRAM=2:ALDOTL.C41 02/04/03 10:08:23



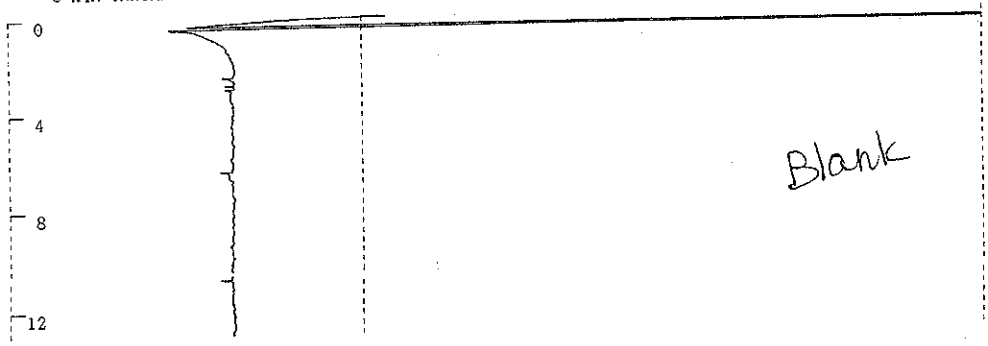
BTEX Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.126	689	123		6		BENZENE
	2	4.708	726	87		8		TOLUENE
	3	10.044	528	35		10		EBZ
	4	10.776	1027	65		11		M-P XYLENE
	5	11.571	100	21				
	6	13.187	515	27		12		O-XYLENE
	TOTAL		3585	358			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:ALDOTL.C42 02/04/03 10:30:58

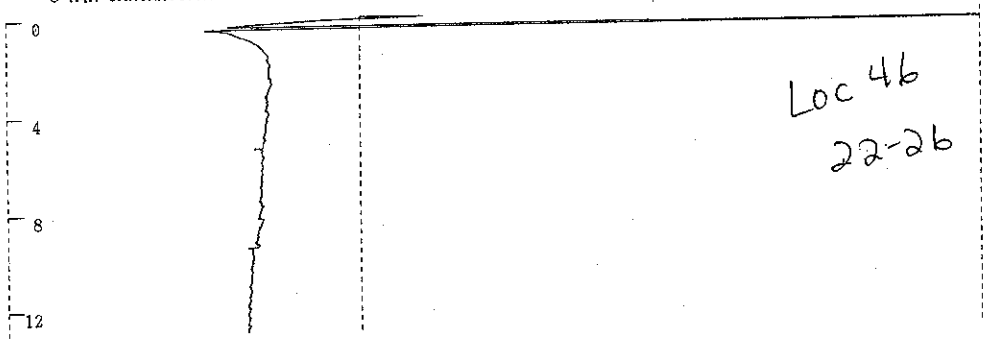


Blank

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:ALDOTL.C43 02/04/03 10:45:46

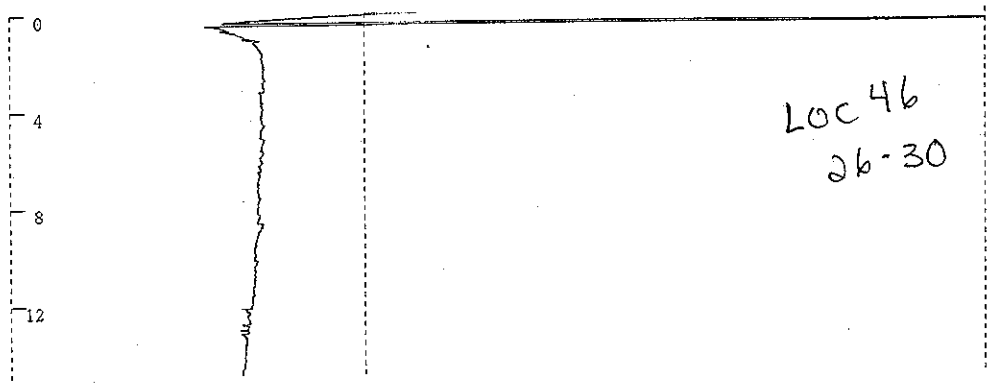


Loc 46
22-26

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

* PEAK PROC/CALC ERROR * CH=1. eak
C-R4A CHROMATOPAC CH=1 REPOR. CHROMATOGRAM=2:ALDOTL.C44 02/04/03 11:00:06

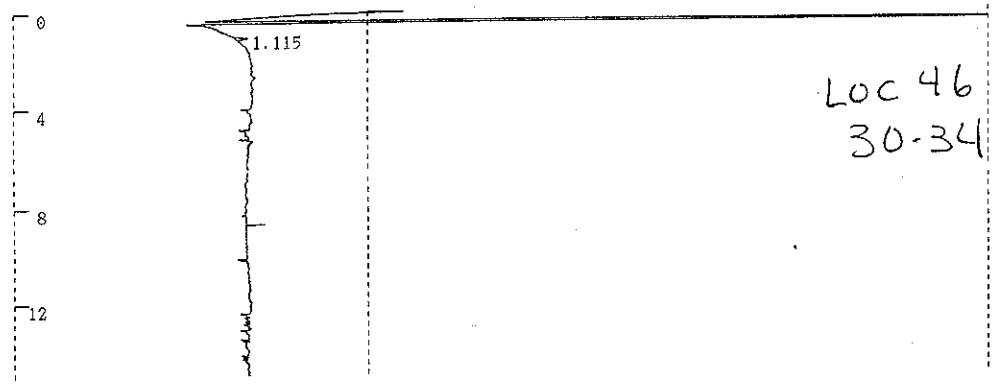


Loc 46
26-30

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:ALDOTL.C45 02/04/03 11:46:07

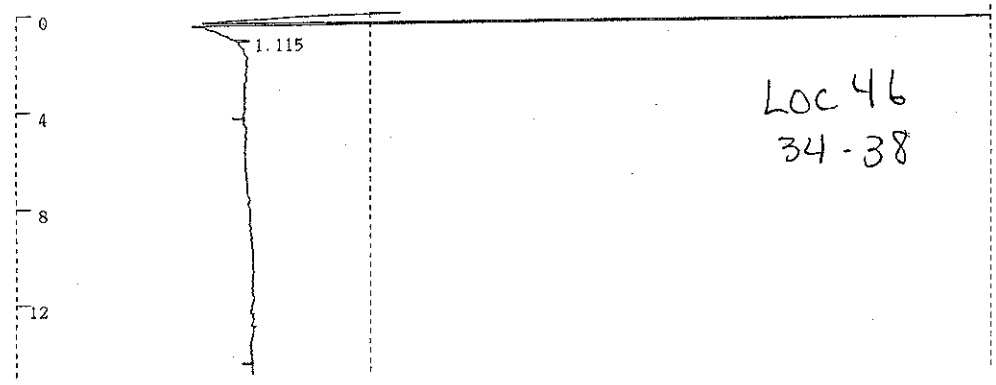


Loc 46
30-34

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.115	124	26				
	TOTAL		124	26			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:ALDOTL.C46 02/04/03 12:06:22



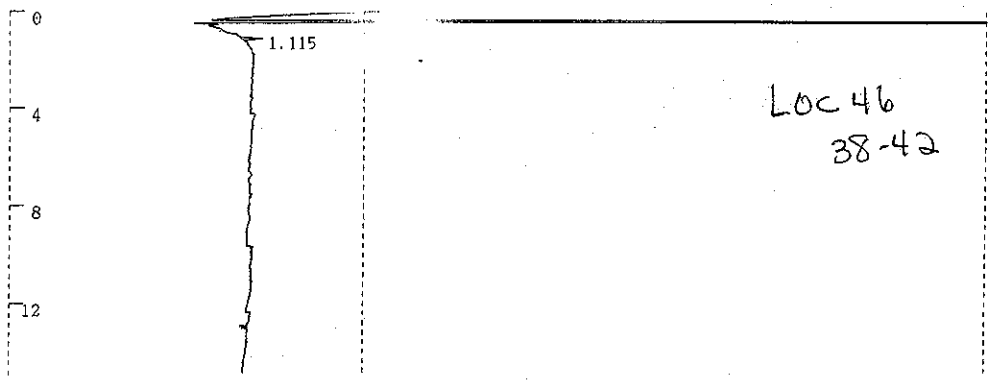
Loc 46
34-38

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.115	150	34				
	TOTAL		150	34			0	

233-92000-12

C-R4A CHROMATOPAC CH=1 REPORT CHROMATOGRAM=2:ALDOTL.C47 02/04/03 12:47:13

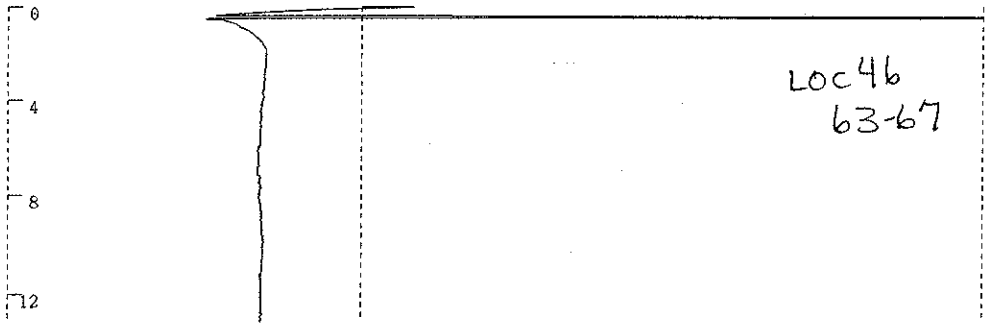


Loc 46
38-42

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	2	1.115	215	48				
		TOTAL	215	48			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=14 CHROMATOGRAM=2:ALDOTL.C48 02/04/03 13:47:22

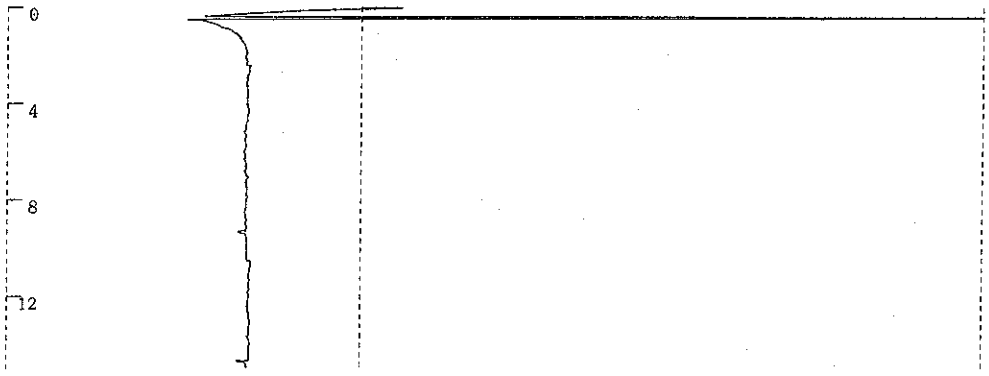


Loc 46
63-67

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

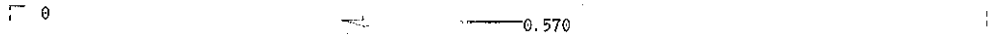
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=15 CHROMATOGRAM=2:ALDOTL.C49 02/04/03 14:01:58



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

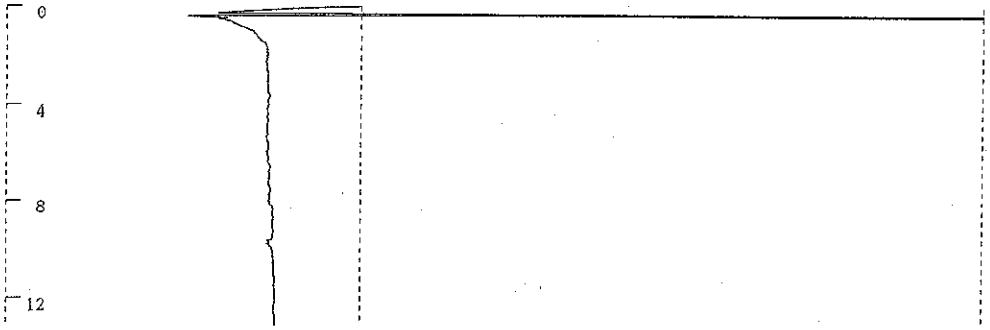
C-R4A CHROMATOPAC CH=1 No.=16 CHROMATOGRAM=2:ALD[illegible].C50 02/04/03 14:27:55



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.57	2753	397				
		TOTAL	2753	397			0	

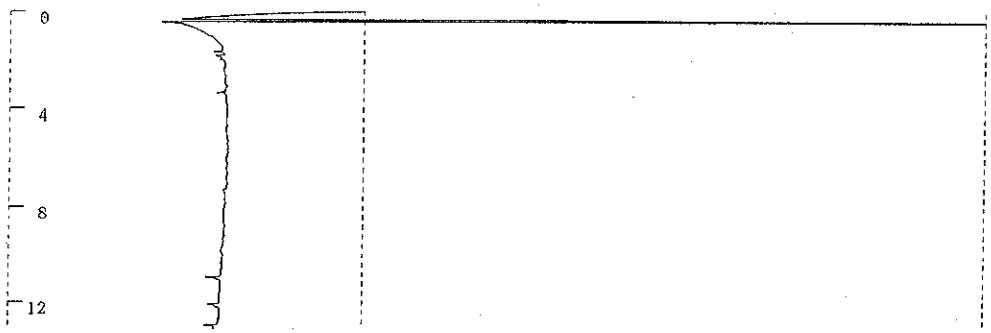
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:ALDOTL.C51 02/04/03 14:29:35



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

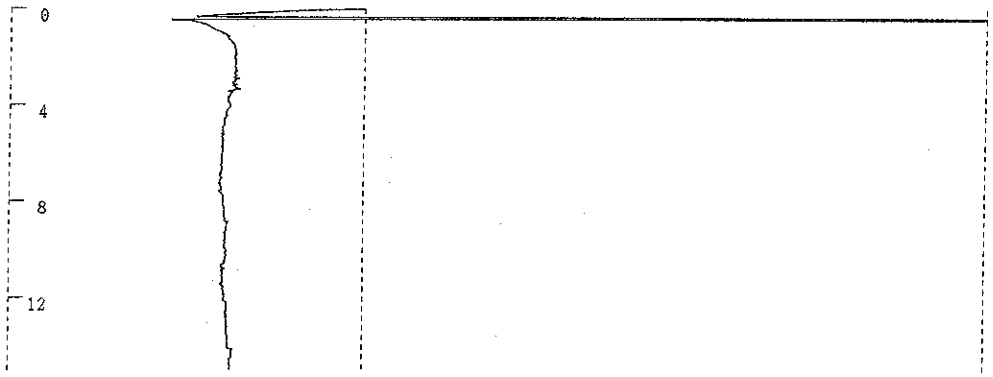
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:ALDOTL.C52 02/04/03 14:44:20



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

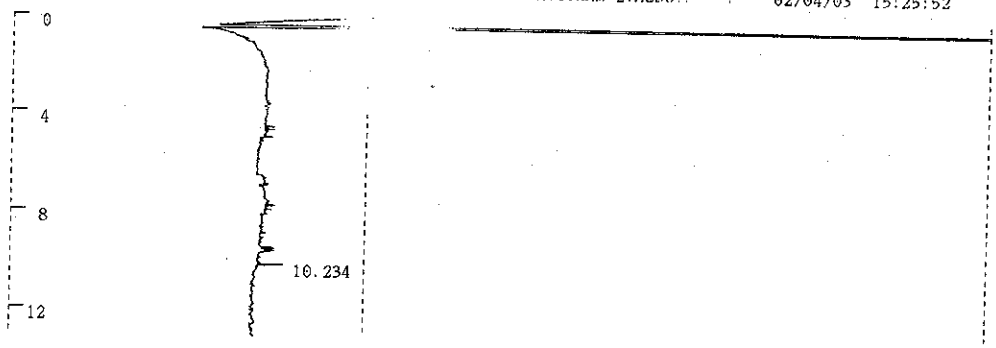
C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:ALDOTL.C53 02/04/03 14:59:17



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

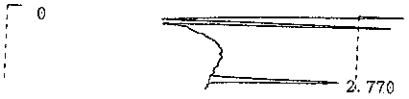
C-R4A CHROMATO... CH=1 REP... CHROMATOGRAM=2:ALDO... 02/04/03 15:25:52



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	13	10.234	121	60		10		EBZ
			121	60			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=1 CHROMATOGRAM=2:VAPOR.C01 02/03/25 10:30:10



TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.77	2662	294		7	39.5076	TCE
		TOTAL	2662	294			39.5076	

C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:VAPOR.C02 02/03/25 10:35:25

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.783	1806	241		7	26.8079	TCE
		TOTAL	1806	241			26.8079	

C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:VAPOR.C03 02/03/25 10:40:12

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.78	1509	216		7	22.3936	TCE
		TOTAL	1509	216			22.3936	

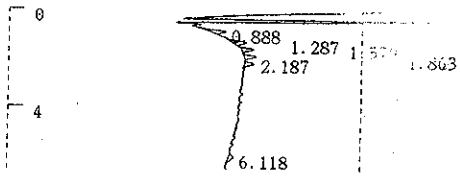
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:VAPOR.C04 02/03/25 10:45:23

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.788	1304	198		7	19.3538	TCE
		TOTAL	1304	198			19.3538	

C-R4A CHROMATOPAC CH=1 REPOR[illegible] CHROMATOGRAM=2:VAPOR.C0[illegible] 02/03/25 11:00:36

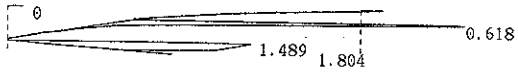


DCE Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.888	244	36		1		1,1-DCE
	2	1.287	254	27		2		1,1-DCA
	3	1.579	187	25		3		C-DCE
	4	1.863	186	16		4		1,1,1-TCA
	5	2.187	169	21		6		BENZENE
	6	6.118	147	13		9		PCE
	TOTAL		1187	138			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:VAPOR.C06 02/03/25 11:24:59



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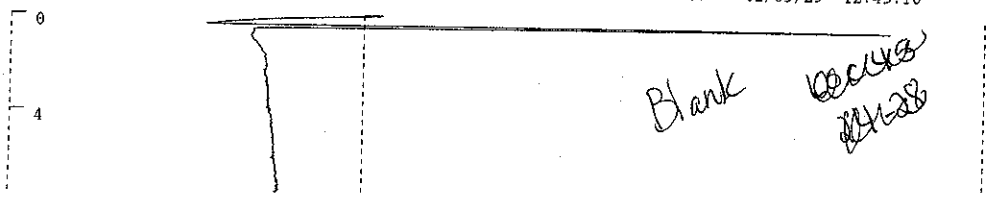
** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.618	6654	788				
	2	1.489	7852	533		3		C-DCE
	3	1.804	853	153	V	4		1,1,1-TCA
	TOTAL		15359	1474			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:VAPOR.C07 02/03/25 12:43:16



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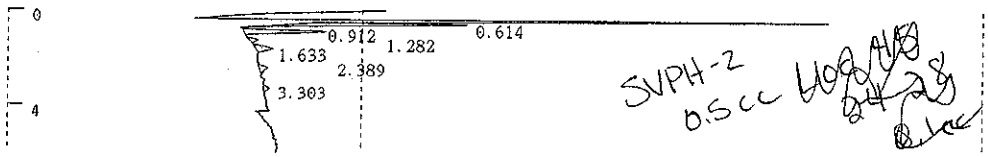
** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:VAPOR.C08 02/03/25 12:51:42



SVPH-2 0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.614	2307	406				
	2	0.912	1411	186		1		1,1-DCE
	3	1.282	134	18		2		1,1-DCA
	4	1.633	409	37		3		C-DCE
	5	2.389	214	18				
	7	3.303	113	13				
	TOTAL		4587	678			0	

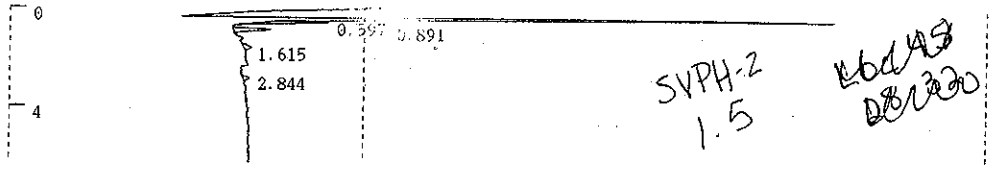
C-R4A CHROMATOPAC CH=1 REPORT No.=12 CHROMATOGRAM=2:VAPOR.C09 02/03/25 13:03:33

SVPH-2 0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.605	293	85				
	2	0.924	95	27		1		1,1-DCE
	TOTAL		388	112			0	

C-R4A CHROMATOPAC CH=1 ... CHROMATOGRAM=2:VAPOR.C10 02/03/25 13:11:16

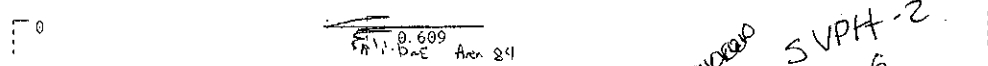


SVPH-2
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.597	789	146				
	2	0.891	611	83		1		1,1-DCE
	4	1.615	163	18		3		C-DCE
	5	2.844	116	15		7	2.3448	TCE
	TOTAL		1679	262			2.3448	

C-R4A CHROMATOPAC CH=1 REPORT No.=16 CHROMATOGRAM=2:VAPOR.C11 02/03/25 13:28:26

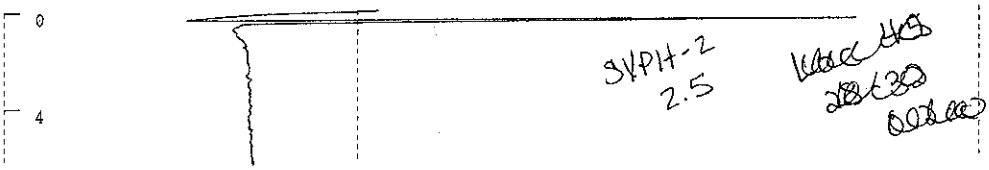


SVPH-2
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.609	276	78				
	TOTAL		276	78			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:VAPOR.C12 02/03/25 13:35:59

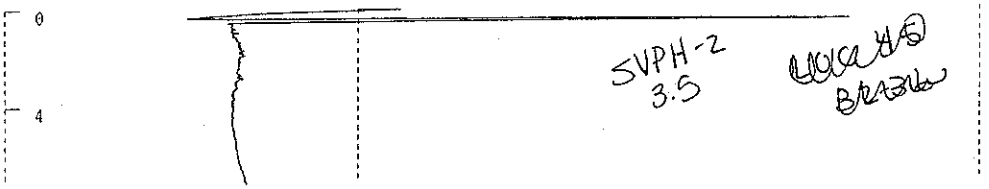


SVPH-2
2.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=18 CHROMATOGRAM=2:VAPOR.C13 02/03/25 13:43:56

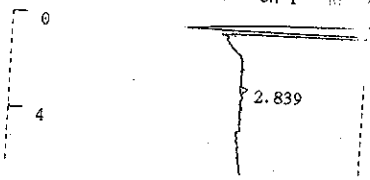


SVPH-2
3.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 [illegible] .0 CHROMATOGRAM=2:VAPOR.C14 02/03/25 13:52:24

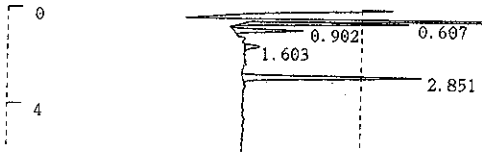


SVPH-2
4.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.839	175	16		7	3.5232	TCE
		TOTAL	175	16			3.5232	

C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:VAPOR.C15 02/03/25 14:03:55



SVPH-5
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	1990	373				
	2	0.902	1109	157		1		1,1-DCE
	4	1.603	293	33		3		C-DCE
	5	2.851	3370	406				
		TOTAL	6762	969			0	

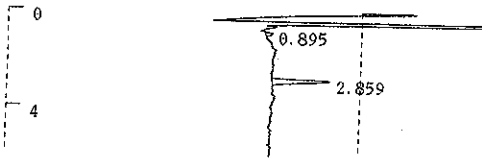
C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:VAPOR.C16 02/03/25 14:24:48

SVPH-5
1.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	368	104				
	2	0.924	125	28		1		1,1-DCE
		TOTAL	493	131			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=26 CHROMATOGRAM=2:VAPOR.C17 02/03/25 14:30:10

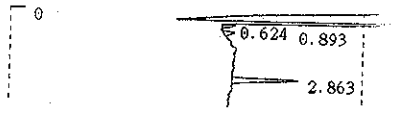


SVPH-5
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.895	115	19		1		1,1-DCE
	2	2.859	1156	131				
		TOTAL	1270	149			0	

C-R4A CHROMATOPAC CH=1 REPORT [illegible] CHROMATOGRAM=2:VAPOR.C[illegible] 02/03/25 14:42:34



TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.624	174	32				
	2	0.893	190	26		1		1,1-DCE
	3	2.863	1282	151				
	TOTAL		1646	209			0	

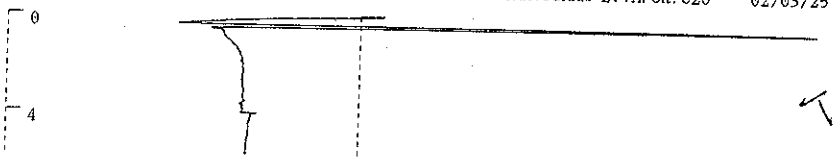
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:VAPOR.C19 02/03/25 14:50:36

Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.857	2241	258				
	TOTAL		2241	258			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:VAPOR.C20 02/03/25 14:55:05

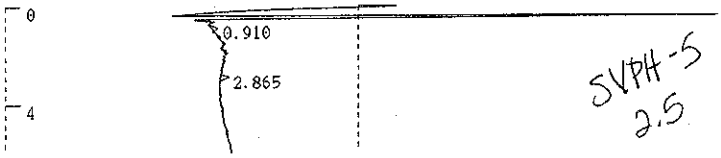


TCE std

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:VAPOR.C21 02/03/25 15:14:12

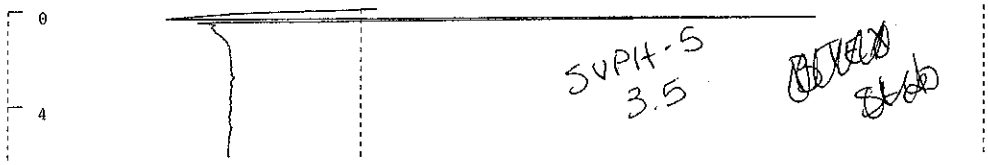


SVPH-5
2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.91	118	15		1		1,1-DCE
	2	2.865	180	20				
	TOTAL		298	34			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=33 CHROMATOGRAM=2:VAPOR.C22 02/03/25 15:28:51

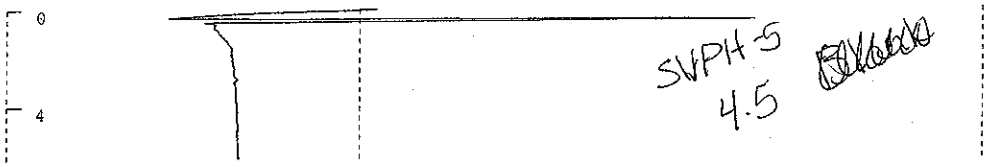


SVPH-5
3.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

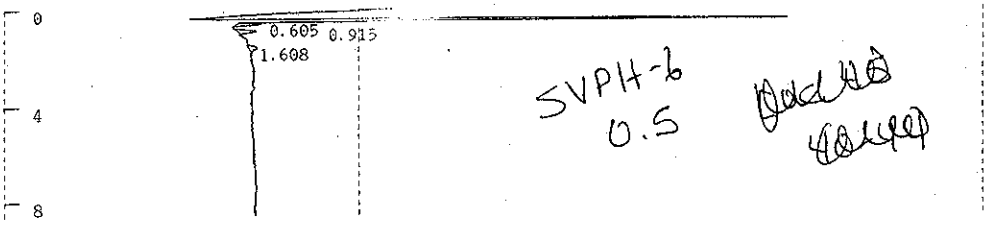
* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=34 CHROMATOGRAM=2:VAPOR.C23 02/03/25 15:37:00



SVPH-5
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1
CH PKNO TIME AREA [illegible] CONC NAME

C-R4A CHROMATOPAC CH=1 RE[illegible] CHROMATOGRAM=2:VAPOR.C21 02/03/25 15:45:57

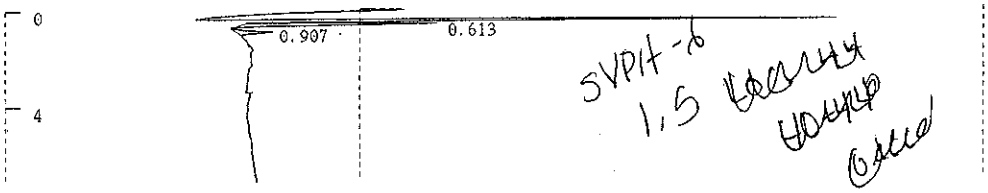


SVPH-6
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.605	317	56				
	2	0.915	293	41		1		1,1-DCE
	3	1.608	192	19		3		C-DCE
	TOTAL		802	115			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:VAPOR.C25 02/03/25 16:04:32

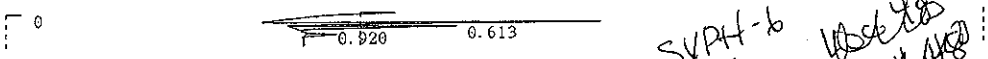


SVPH-6
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.613	2381	440				
	2	0.907	581	82		1		1,1-DCE
	TOTAL		2962	521			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:VAPOR.C26 02/03/25 16:16:51

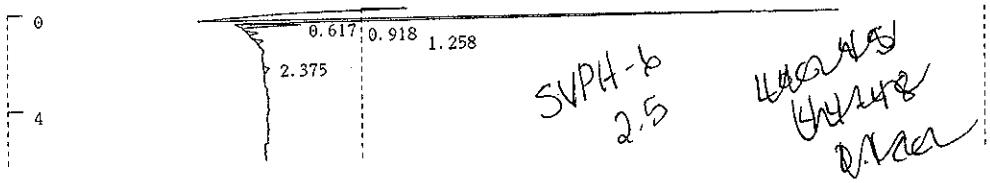


SVPH-6
1.5
0.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.613	1758	372				
	2	0.92	342	71		1		1,1-DCE
	TOTAL		2100	443			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=40 CHROMATOGRAM=2:VAPOR.C27 02/03/25 16:20:41

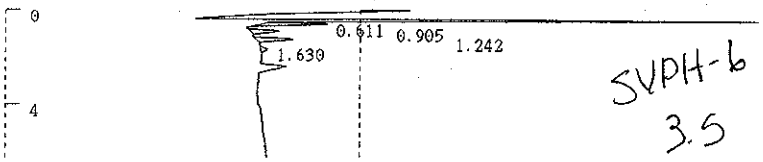


SVPH-6
2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.617	735	142				
	2	0.918	155	25		1		1,1-DCE
	3	1.258	119	19		2		1,1-DCA
	4	2.375	124	13				
	TOTAL		1133	200			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=42 CHROMATOGRAM=2:VAPOR.C28 02/03/25 16:35:59

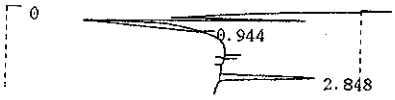


SVPH-6 Lot 45
3.5 48L-52V

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.611	878	151				
	2	0.905	467	65		1		1,1-DCE
	3	1.242	625	87		2		1,1-DCA
	4	1.63	134	15		3		C-DCE
		TOTAL	2104	319			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=44 CHROMATOGRAM=2:VAPOR.C30 02/03/25 17:05:06

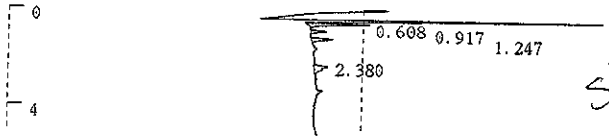


TCE Std Lot 45 52-56V

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.944	1918	53		1		1,1-DCE
	3	2.848	1915	217		7	38.6319	TCE
		TOTAL	3832	270			38.6319	

C-R4A CHROMATOPAC CH=1 REPORT No.=45 CHROMATOGRAM=2:VAPOR.C29 02/03/25 16:52:00



SVPH-6 Lot 45
3.5 48L-50V
0.1ccs

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.608	719	142				
	2	0.917	198	36		1		1,1-DCE
	3	1.247	289	50		2		1,1-DCA
	5	2.38	350	31				
		TOTAL	1557	259			0	

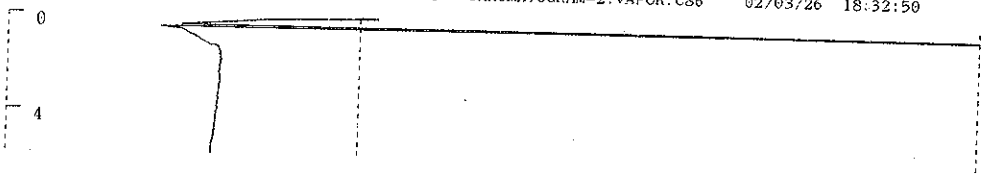
C-R4A CHROMATOPAC CH=1 REPORT No.=3 CHROMATOGRAM=2:VAPOR.C85 02/03/26 18:28:51

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.62	2180	343		7	43.9893	TCE
		TOTAL	2180	343			43.9893	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

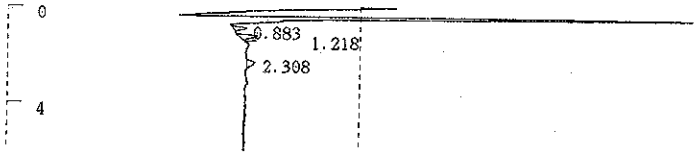
C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:VAPOR.C86 02/03/26 18:32:50



** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=50 CHROMATOGRAM=2:VAPOR.C69 02/03/26 15:32:41

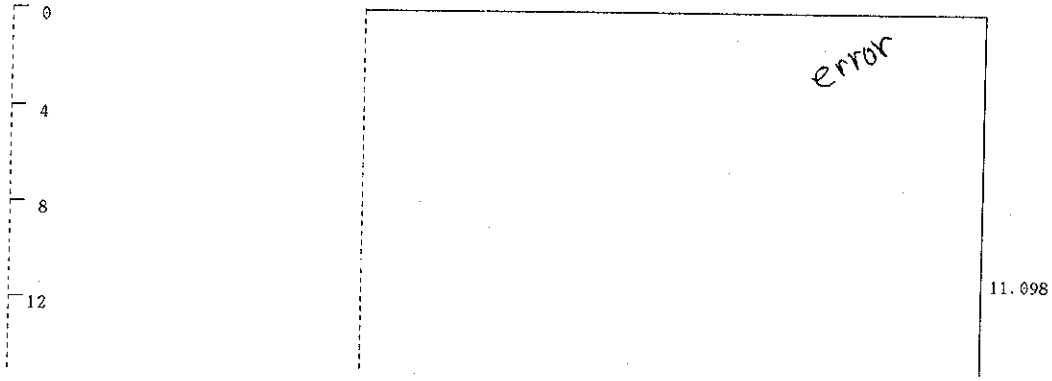


SVPH-10
0.5

** CALCULATION REPORT **

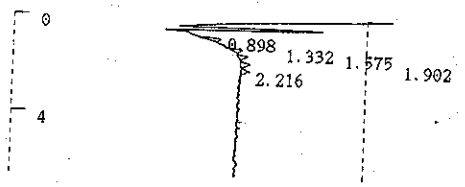
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.883	209	30		1		1,1-DCE
	2	1.218	357	42		2		1,1-DCA
	3	2.308	261	19				
		TOTAL	826	92			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=51 CHROMATOGRAM=2:VAPOR.C70 02/03/26 15:46:33



** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	3	11.098	90	18	V	11		M-P XYLENE
		TOTAL	90	18			0	

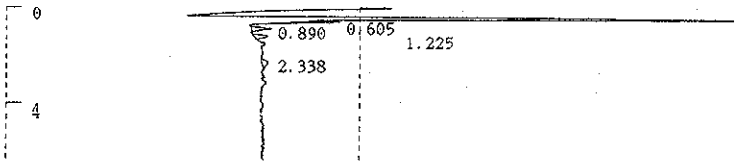


DCE, Std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.898	251	31		1		1,1-DCE
	2	1.332	181	24				
	3	1.575	151	23		3		C-DCE
	4	1.902	187	21		5		1,2-DCA
	5	2.216	165	22		6		BENZENE
	TOTAL		934	120			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=55 CHROMATOGRAM=2:VAPOR.C72 02/03/26 16:18:19

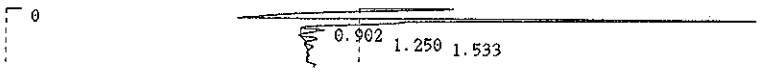


SVPH-10 1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.605	384	88				
	2	0.89	288	47		1		1,1-DCE
	3	1.225	263	32		2		1,1-DCA
	5	2.338	203	15				
	TOTAL		1139	182			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=57 CHROMATOGRAM=2:VAPOR.C73 02/03/26 16:29:31

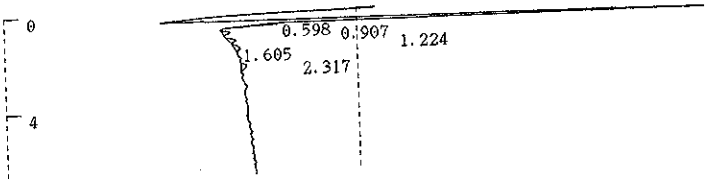


SVPH-10 1.5 dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.902	436	54		1		1,1-DCE
	2	1.25	271	31		2		1,1-DCA
	3	1.533	152	18		3		C-DCE
	TOTAL		858	103			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=60 CHROMATOGRAM=2:VAPOR.C74 02/03/26 16:35:10

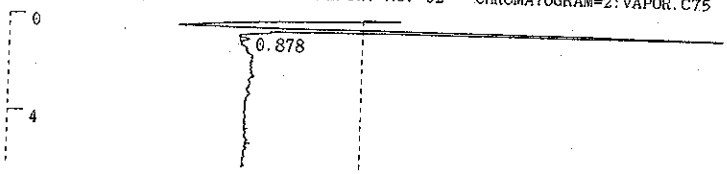


SVPH-10 2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.598	184	44				
	2	0.907	132	19		1		1,1-DCE
	3	1.224	154	20		2		1,1-DCA
	4	1.605	157	13		3		C-DCE
	5	2.317	170	15				
	TOTAL		797	110			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=62 CHROMATOGRAM=2:VAPOR.C75 02/03/26 16:48:57

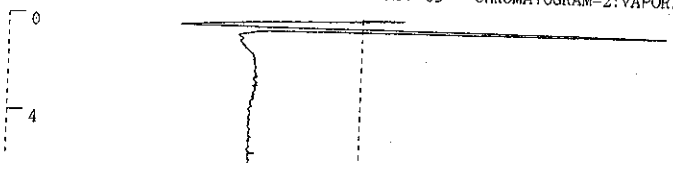


SVPH-10
3.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.878	140	22		1		1,1-DCE
	TOTAL		140	22			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=63 CHROMATOGRAM=2:VAPOR.C76 02/03/26 16:58:20

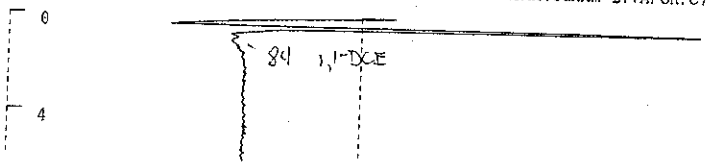


SVPH-10
4.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=65 CHROMATOGRAM=2:VAPOR.C77 02/03/26 17:05:23

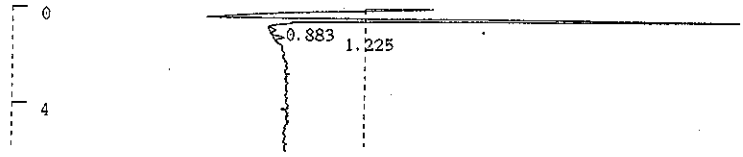


SVPH-9
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=67 CHROMATOGRAM=2:VAPOR.C78 02/03/26 17:15:40

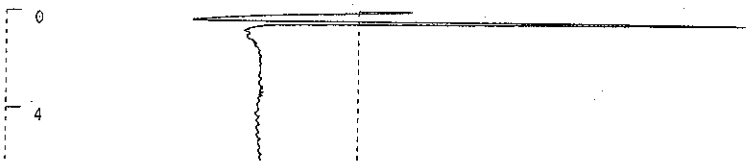


SVPH-9
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.883	99	13		1		1,1-DCE
	2	1.225	159	24		2		1,1-DCA
		TOTAL	258	37			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=68 CHROMATOGRAM=2:VAPOR.C79 02/03/26 17:25:59

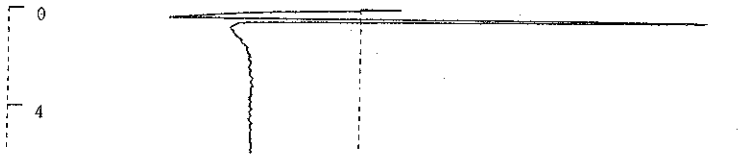


SVPH-9
2.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=69 CHROMATOGRAM=2:VAPOR.C80 02/03/26 17:34:29

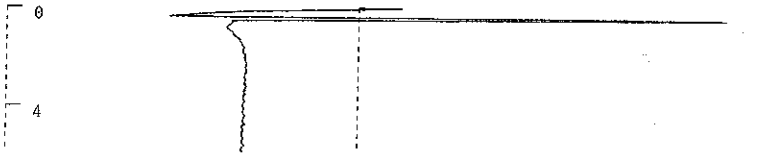


SVPH-9
3.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=70 CHROMATOGRAM=2:VAPOR.C81 02/03/26 17:41:41

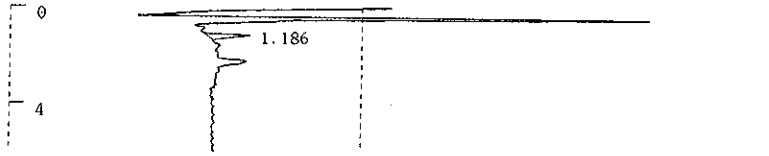


SVPH-9
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=71 CHROMATOGRAM=2:VAPOR.C82 02/03/26 17:48:53

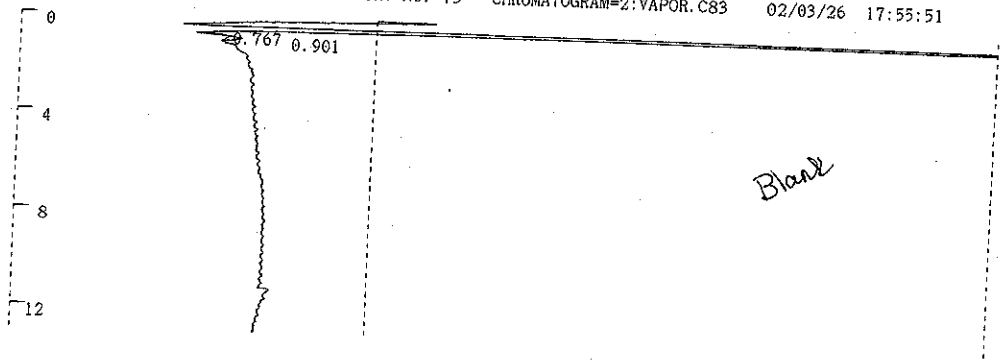


SV1-12

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	1.186	823	102		2		1,1-DCA
		TOTAL	823	102			^	

C-R4A CHROMATOPAC CH=1 REPORT No.=73 CHROMATOGRAM=2:VAPOR.C83 02/03/26 17:55:51

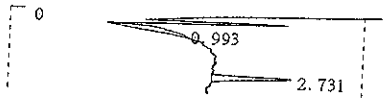


Blank

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.767	119	19				
	2	0.901	295	40		1		1,1-DCE
	TOTAL		413	59			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=74 CHROMATOGRAM=2:VAPOR.C84 02/03/26 18:12:41



TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.993	1303	27				
	2	2.731	1768	182		7	35.6677	TCE
	TOTAL		3070	209			35.6677	

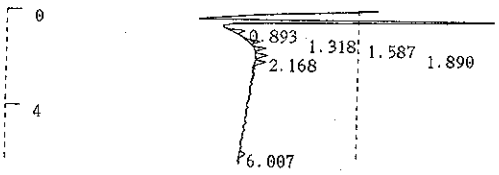
C-R4A CHROMATOPAC CH=1 REPORT No.=2 CHROMATOGRAM=2:VAPOR.C36 02/03/26 07:54:13

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	2.764	2015	227		7	40.6558	TCE
	TOTAL		2015	227			40.6558	

C-R4A CHROMATOPAC CH=1 REPORT No.=4 CHROMATOGRAM=2:VAPOR.C37 02/03/26 08:02:58

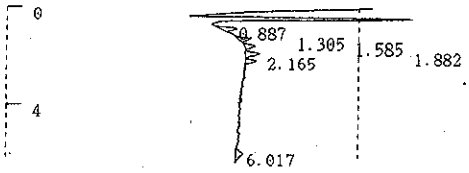


DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.893	240	31		1		1,1-DCE
	2	1.318	193	26		2		1,1-DCA
	3	1.587	167	24		3		C-DCE
	4	1.89	200	25		5		1,2-DCA
	5	2.168	185	23		6		BENZENE
	6	6.007	175	14		9		PCE
	TOTAL		1160	143			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=7 CHROMATOGRAM=2:VAPOR.C38 02/03/26 08:32:54



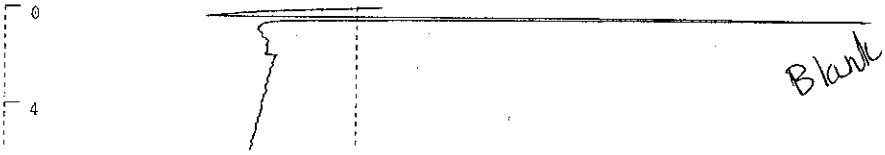
DCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.887	307	38		1		1,1-DCE
	2	1.305	242	29		2		1,1-DCA
	3	1.585	204	27		3		C-DCE
	4	1.882	291	33		5		1,2-DCA
	5	2.165	222	26		6		BENZENE
	6	6.017	281	17		9		PCE
	TOTAL		1547	170			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=8 CHROMATOGRAM=2:VAPOR.C39 02/03/26 08:47:26



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** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

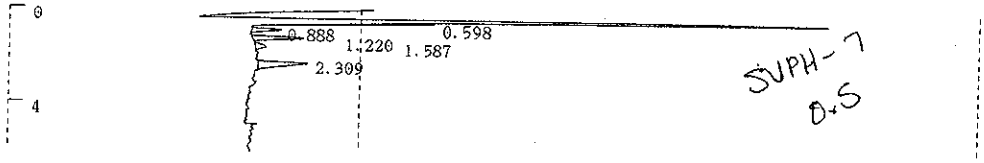
C-R4A CHROMATOPAC CH=1 REPORT No.=9 CHROMATOGRAM=2:VAPOR.C40 02/03/26 08:54:43

SVPH-6
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
	TOTAL		0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=11 CHROMATOGRAM=2:VAPOR.C41 02/03/26 09:02:05

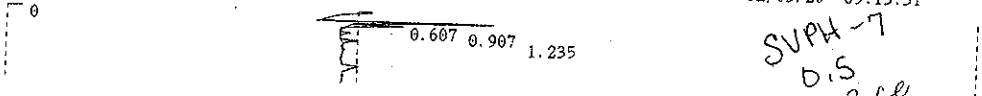


SVPH-7
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.598	811	166				
	2	0.888	493	68		1		1,1-DCE
	3	1.22	897	115		2		1,1-DCA
	4	1.587	281	25		3		C-DCE
	5	2.309	1229	112				
	TOTAL		3710	487			0	

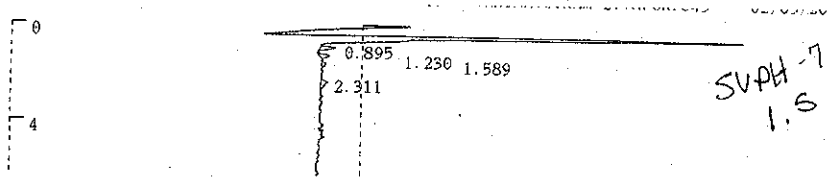
C-R4A CHROMATOPAC CH=1 REPORT No.=13 CHROMATOGRAM=2:VAPOR.C42 02/03/26 09:13:31



SVPH-7
0.5
0.2 ce

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	494	123				
	2	0.907	112	23		1		1,1-DCE
	3	1.235	189	40		2		1,1-DCA
	TOTAL		795	185			0	

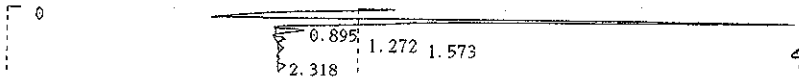


SVPH-7
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.895	273	36		1		1,1-DCE
	2	1.23	180	23		2		1,1-DCA
	3	1.589	96	10		3		C-DCE
	4	2.311	209	14				
		TOTAL	758	83			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=17 CHROMATOGRAM=2:VAPOR.C44 02/03/26 09:33:33

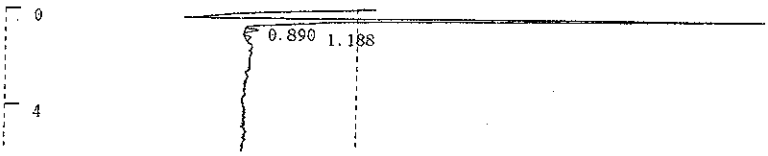


SVPH-7
1.5 dup

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.895	526	66		1		1,1-DCE
	2	1.272	197	22		2		1,1-DCA
	3	1.573	108	14		3		C-DCE
	4	2.318	175	16				
		TOTAL	1005	118			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=19 CHROMATOGRAM=2:VAPOR.C45 02/03/26 09:41:06



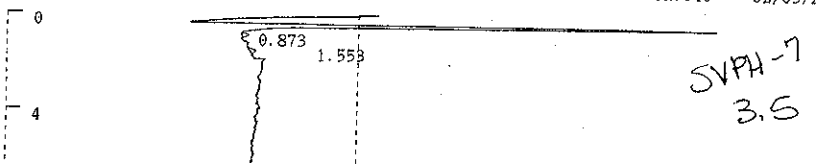
SVPH-7
2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.89	220	31		1		1,1-DCE
	2	1.188	105	14		2		1,1-DCA
		TOTAL	326	45			0	

* PEAK PROC/CALC ERROR * CH=1, 9:Disk error
Directory full

C-R4A CHROMATOPAC CH=1 REPORT No.=21 CHROMATOGRAM=2:VAPOR.C46 02/03/26 09:56:10

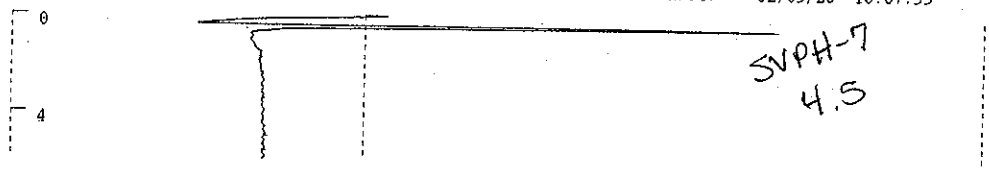


SVPH-7
3.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.873	118	18		1		1,1-DCE
	3	1.553	125	15		3		C-DCE
		TOTAL	243	33			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=22 CHROMATOGRAM=2:VAPOR.C47 02/03/26 10:07:35

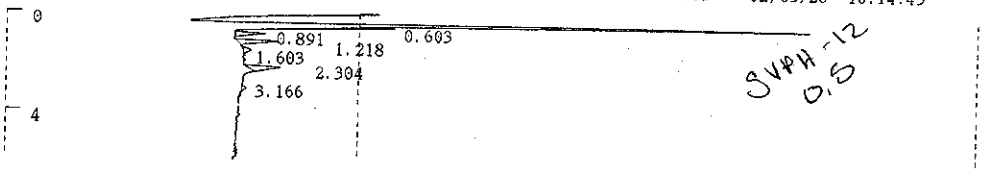


SVPH-7
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=24 CHROMATOGRAM=2:VAPOR.C48 02/03/26 10:14:45

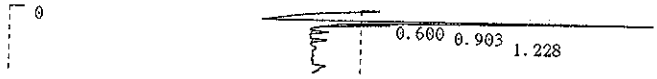


SVPH-12
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.603	660	158				
	2	0.891	464	66		1		1,1-DCE
	3	1.218	650	85		2		1,1-DCA
	4	1.603	150	16		3		C-DCE
	5	2.304	598	69				
	6	3.166	108	12				
		TOTAL	2630	406			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=25 CHROMATOGRAM=2:VAPOR.C49 02/03/26 10:25:16

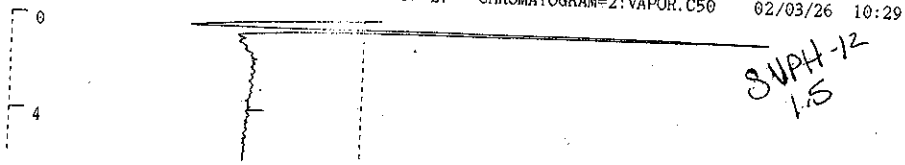


SVPH-12
0.5
DSCC

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.6	571	131				
	2	0.903	196	37		1		1,1-DCE
	3	1.228	191	33		2		1,1-DCA
		TOTAL	958	201			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=27 CHROMATOGRAM=2:VAPOR.C50 02/03/26 10:29:34



SVPH-12
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

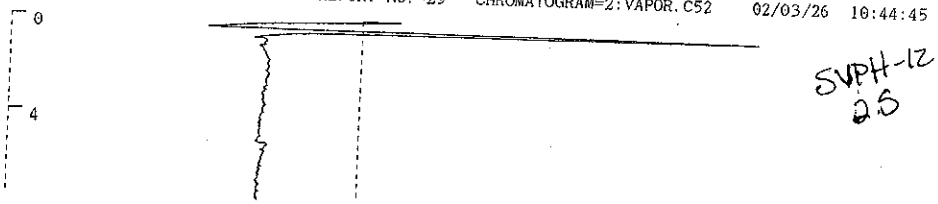
C-R4A CHROMATOPAC CH=1 REPORT No.=28 CHROMATOGRAM=2:VAPOR.C51 02/03/26 10:39:50

TCE std

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.687	132	24				
	2	0.82	164	17	V			
	4	2.764	2356	232		7	47.5468	TCE
TOTAL			2652	273			47.5468	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=29 CHROMATOGRAM=2:VAPOR.C52 02/03/26 10:44:45

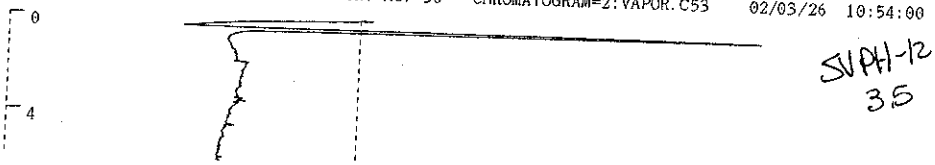


SVPH-12
2.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=30 CHROMATOGRAM=2:VAPOR.C53 02/03/26 10:54:00

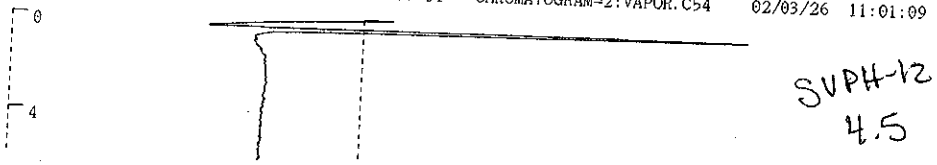


SVPH-12
3.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=31 CHROMATOGRAM=2:VAPOR.C54 02/03/26 11:01:09

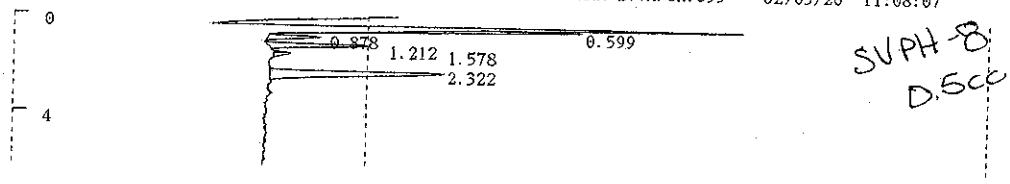


SVPH-12
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
TOTAL			0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=32 CHROMATOGRAM=2:VAPOR.C55 02/03/26 11:08:07



SVPH-8
D.5cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.599	2406	368				
	2	0.878	1016	121		1		1,1-DCE
	3	1.212	2042	230		2		1,1-DCA
	5	1.578	281	40	V	3		C-DCE
	6	2.322	5120	397				
		TOTAL	10866	1155			0	

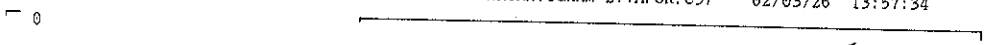
C-R4A CHROMATOPAC CH=1 REPORT No.=35 CHROMATOGRAM=2:VAPOR.C56 02/03/26 11:16:14

SVPH-8
0.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.617	549	130				
	2	0.932	102	22		1		1,1-DCE
	3	1.245	238	52		2		1,1-DCA
	4	2.35	334	61				
		TOTAL	1223	266			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak
C-R4A CHROMATOPAC CH=1 REPORT No.=36 CHROMATOGRAM=2:VAPOR.C57 02/03/26 13:57:34

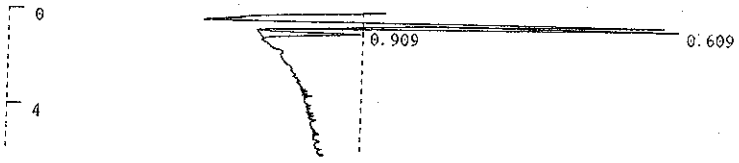


error

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=37 CHROMATOGRAM=2:VAPOR.C58 02/03/26 14:02:01



SVPH-8
1.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.609	3872	692				
	2	0.909	1827	228		1		1,1-DCE
		TOTAL	5698	920			0	

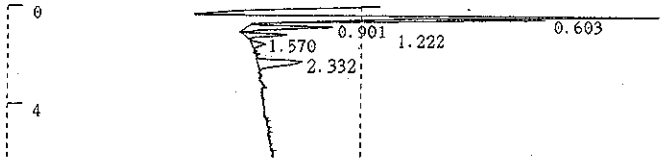
C-R4A CHROMATOPAC CH=1 REPORT No.=38 CHROMATOGRAM=2:VAPOR.C59 02/03/26 14:09:22

SVPH-8
1.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	707	164				
	2	0.921	180	48		1		1,1-DCE
		TOTAL	887	212			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=40 CHROMATOGRAM=2:VAPOR.C60 02/03/26 14:12:49



SVPH-8
2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.603	2302	401				
	2	0.901	1688	192		1		1,1-DCE
	3	1.222	819	99		2		1,1-DCA
	4	1.57	300	21		3		C-DCE
	6	2.332	1366	103				
		TOTAL	6474	816			0	

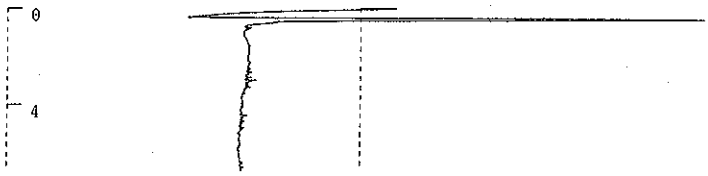
C-R4A CHROMATOPAC CH=1 REPORT No.=41 CHROMATOGRAM=2:VAPOR.C61 02/03/26 14:25:39

SVPH-8
2.5
0.1cc

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	510	137				
	2	0.918	175	42		1		1,1-DCE
		TOTAL	685	179			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=42 CHROMATOGRAM=2:VAPOR.C62 02/03/26 14:39:13

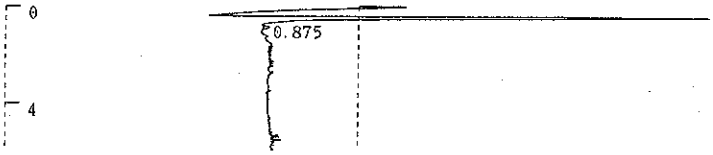


SVPH-8
3.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=43 CHROMATOGRAM=2:VAPOR.C63 02/03/26 14:48:02

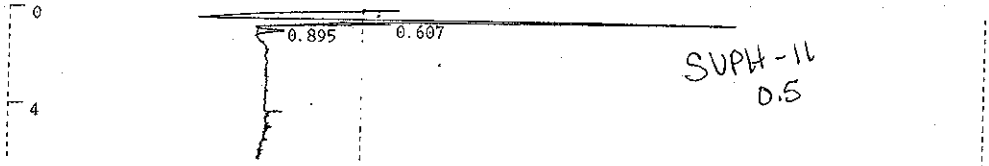


SVPH-8
4.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.875	87	15		1		1,1-DCE
		TOTAL	87	15			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=44 CHROMATOGRAM=2:VAPOR.C64 02/03/26 14:55:08



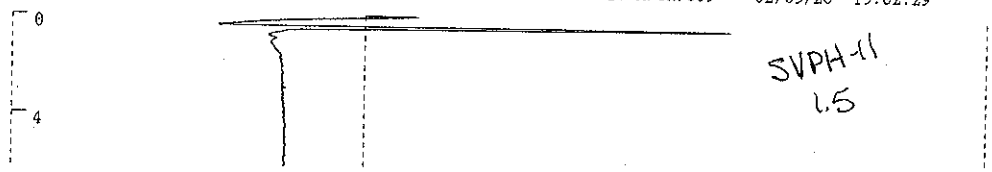
SVPH-11
0.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
1	1	0.607	791	167				
	2	0.895	388	58		1		1,1-DCE
		TOTAL	1179	225			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=45 CHROMATOGRAM=2:VAPOR.C65 02/03/26 15:02:29

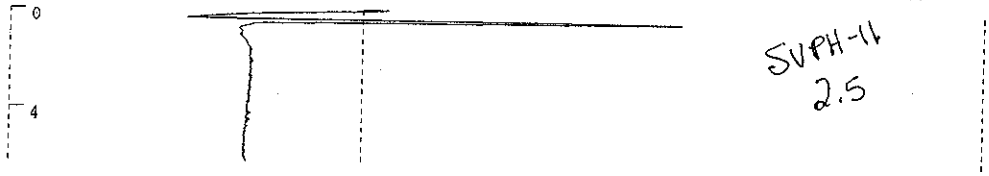


SVPH-11
1.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

C-R4A CHROMATOPAC CH=1 REPORT No.=46 CHROMATOGRAM=2:VAPOR.C66 02/03/26 15:09:53



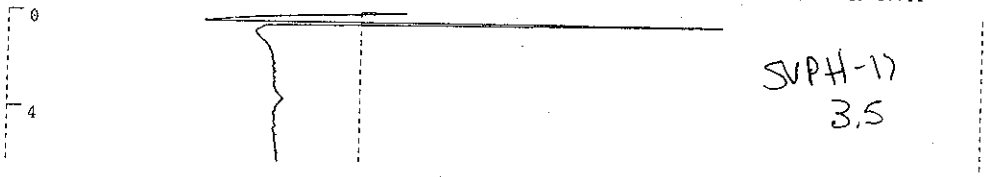
SVPH-11
2.5

** CALCULATION REPORT **

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=47 CHROMATOGRAM=2:VAPOR.C67 02/03/26 15:17:11



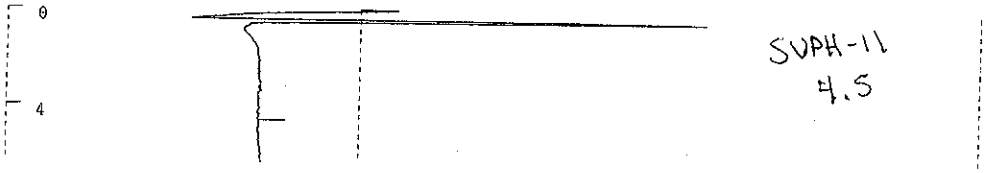
SVPH-11
3.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

* PEAK PROC/CALC ERROR * CH=1, 1:No raw peak

C-R4A CHROMATOPAC CH=1 REPORT No.=48 CHROMATOGRAM=2:VAPOR.C68 02/03/26 15:24:57



SVPH-11
4.5

** CALCULATION REPORT ** * WARNING * CALERROR: 1

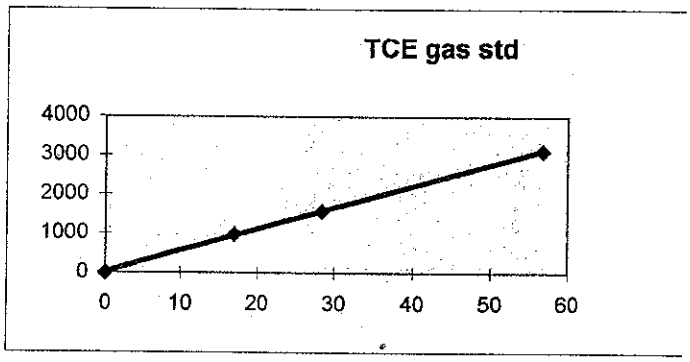
CH	PKNO	TIME	AREA	HEIGHT	MK	IDNO	CONC	NAME
		TOTAL	0	0			0	

Calibration
Col. Blvd. Plume
11/23/01

TCE

Conc (ug/L)	Area
56.8	3111
28.4	1564
17.04	976
0	0

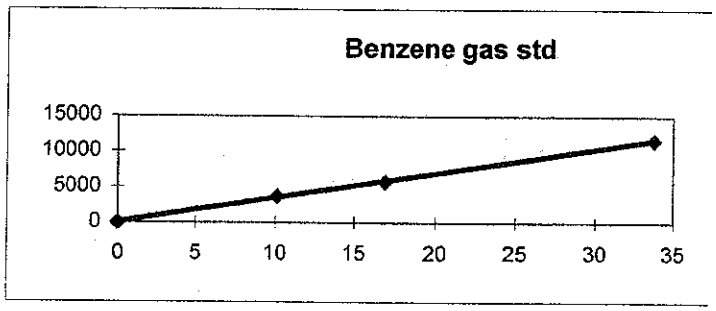
Response Factor 0.01832



Benzene

Conc (ug/L)	Area
33.8	11642
16.9	5751
10.14	3699
0	0

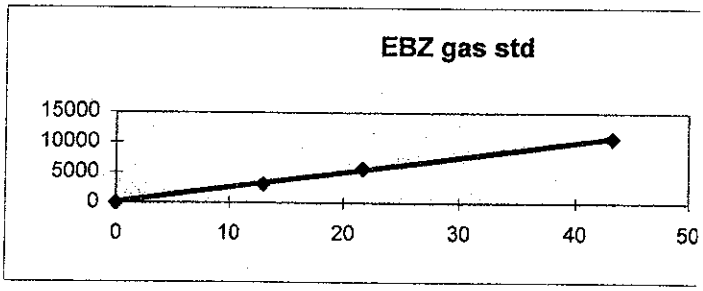
R.F. 0.0029179



EBZ

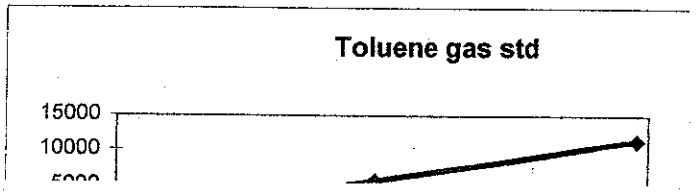
Conc (ug/L)	Area
43.33	10720
21.67	5669
12.99	3130
0	0

R.F. 0.0040164



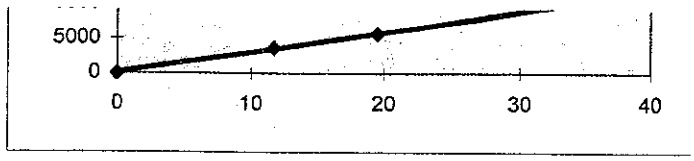
Toluene

Conc (ug/L)	Area
39.12	11284
19.56	5708
11.74	3650



Calibration

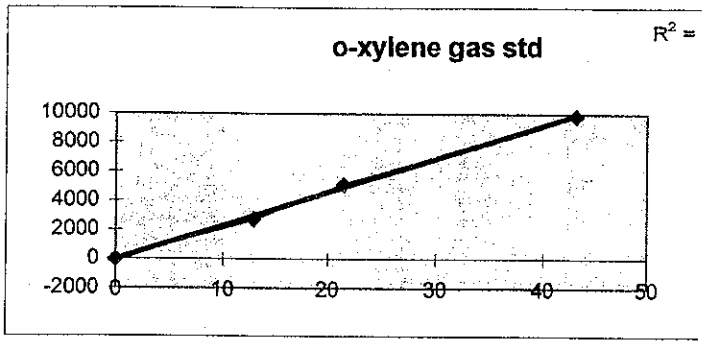
	0	0
R.F.	0.0034857	



o-xyl

Conc (ug/L)	Area
43.12	9827
21.56	5105
12.94	2714
0	0

R.F. 0.0043432



Aq. std

TCE

Conc (ug/L)	Area
11.32	362
0	0

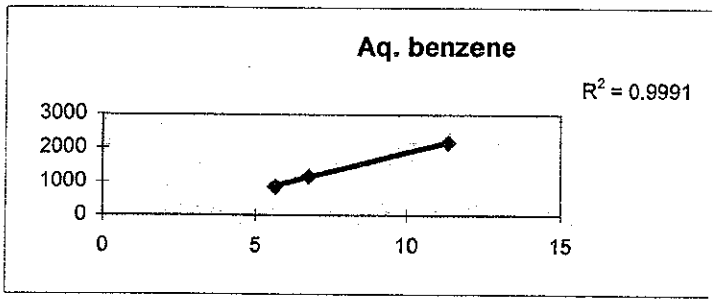
R.F. 0.0312707

Aq. R.F./ Gas R.F.= 1.7

Benzene

Conc (ug/L)	
11.32	2174
6.79	1158
5.66	856

R.F. 0.004336



Gas Stds

1,1-DCE

Conc (ug/L)	Area
4.115	275
0	0

0.0149636

1,1-DCA

Conc (ug/L)	Area
4.16	308
0	0

0.013506

cis-DCE

Conc (ug/L)	Area
4.115	287
0	0

0.014338

1,1,1-TCA

Conc (ug/L)	Area
5.826	266
0	0

0.0219023

Perc

Conc (ug/L)	Area
6.97	190
0	0

0.036684

1,2-DCA

Conc (ug/L)	Area
4.16	346
0	0

0.0120231

1,1-DCE

4.115	356
0	0

0.011559

1,1-DCA

4.16	339
0	0

0.0122714

cis-DCE

4.115	340
0	0

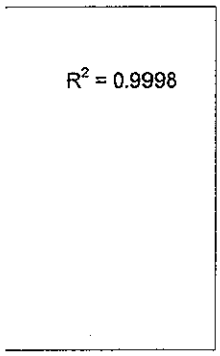
0.0121029

1,1,1-TCA

5.826	292
0	0

0.0199521

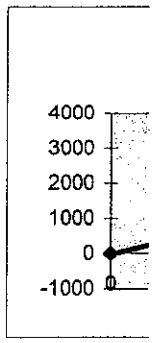
Calibration

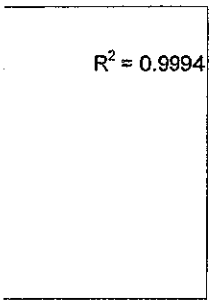


TCE

Conc (ug/L)	Area
53.47	3638
37.43	2368
26.74	1775
0	0

Response Factor 0.014843

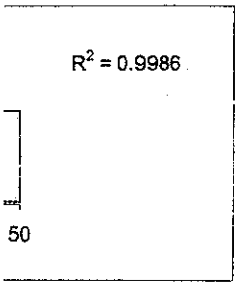




Benzene

Conc (ug/L)	Area
3.35	656
0	0

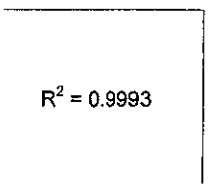
R.F. 0.005107 R.F.



m,p,-xylene

Conc (ug/L)	Area
4.51	645
0	0

R.F. 0.006992 R.F.



Gas Stds

1,1-DCE Conc (ug/L)	1,1-DCE Area	1,1-DCA Conc (ug/L)
4.115	324	4.16
0	0	0
0.012701		0.015072

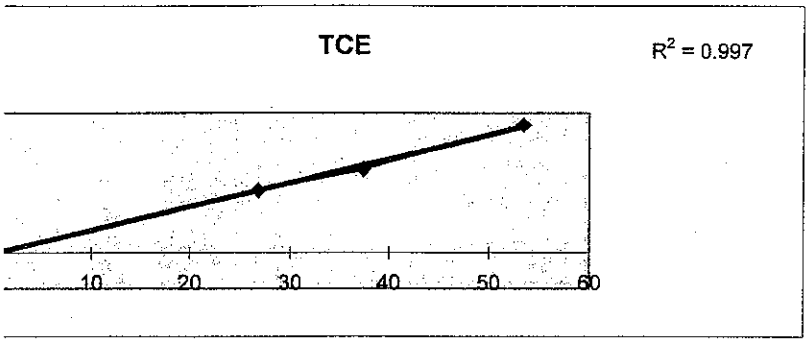
1,1,1-TCA Perc

Calibration

Conc (ug/L)	Area		Conc (ug/L)
5.826		324	6.97
0		0	0
0.017981			0.027659

= 0.9983

1



Toluene

Conc (ug/L)	Area
3.99	672
0	0

0.005938

R.F.

EBZ

Conc (ug/L)	Area
4.46	567
0	0

0.007866

o-xyl

Conc (ug/L)	Area
4.63	650
0	0

0.007123

Area
276
0

cis-DCE

Conc (ug/L)	Area
4.115	260
0	0

0.015827

1,2-DCA

Calibration

Area	Conc (ug/L)	Area
252	4.16	232
0	0	0

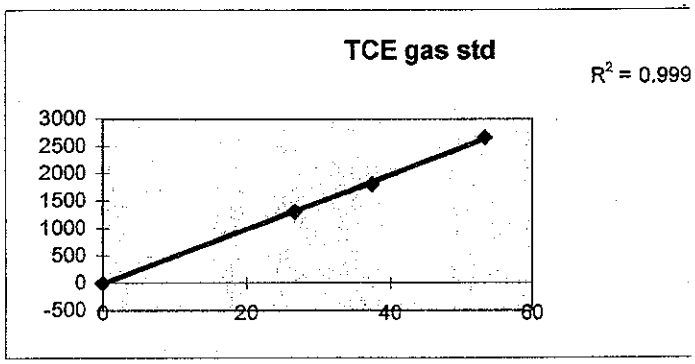
0.017931

Calibration

TCE

Conc (ug/L)	Area
53.47	2662
37.43	1806
26.74	1304
0	0

Response Factor 0.0201786



APPENDIX D

LABORATORY ANALYSES

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

Client:	Maynard, Cooper & Gale
Sample Date:	November 13, 2001
Date Analyzed:	November 21, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011121.35
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

Client:	Maynard, Cooper & Gale
Sample Date:	November 14, 2001
Date Analyzed:	November 22, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011121.36
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

Client:	Maynard, Cooper & Gale
Sample Date:	November 15, 2001
Date Analyzed:	November 22, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011121.39
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

Client:	Maynard, Cooper & Gale
Sample Date:	November 16, 2001
Date Analyzed:	November 22, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011121.40
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc. PRACTICING IN THE GEOSCIENCES

3516 Greensboro Avenue • P.O. Drawer 1128 • Tuscaloosa, Alabama 35403 • Telephone 205-345-0816 • FAX 205-345-0992

Client:	Maynard, Cooper & Gale
Sample Date:	November 16, 2001
Date Analyzed:	November 22, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011121.41
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tusc, AL 35401
Phone No.: (205) 345-0816
Date: 11/12/01
Sampled By: Steve Grammas / Chris Krafcheck
Sample Site: Colseum Blvd, Plume; Montgomery, AL
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
11/12/01	4:45pm	Rinse (Casing)	Aqueous	✓		3	HCL	VOCs
11/13/01	4:45pm	Rinse (Core bit)	↓			3	↓	↓
↓	4:55pm	Rinse (Conductivity probe)	↓			3	↓	↓
11/14/01	3:00pm	Rinse (Conductivity probe)	↓			3	↓	↓
↓	4:00pm	Rinse (Core Rod)	↓			3	↓	↓
11/15/01	2:45pm	Rinse (Core Rod)	↓			3	↓	↓
↓	7:55am	Rinse (Conductivity Probe)	↓			3	↓	↓
11/16/01	1:10pm	Rinse (Conductivity Probe)	↓			3	↓	↓
		BLANK	↓			3	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Steve J. Grammas 11/20/01; 8:10pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 11-21-01 8:15AM

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	November 28, 2001
Date Analyzed:	November 30, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011130.153
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Construction Materials Engineering and Testing ■
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Client:	Maynard, Cooper & Gale
Sample Date:	November 28, 2001
Date Analyzed:	November 30, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011130.154
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Gwaltney

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc, AL

Phone No.: 205-345-0816

Date: 11/28/01

Sampled By: Steve Gwaltney

Sample Site: Bisco Blvd. Plume; Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: 2°C °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
11/28/01	2:00pm	Rinse (Clove list)	Aq	✓		3	HCl	VOCs
↓	4:00pm	Rinse (Conductivity probe)	↓	✓		3	↓	↓
		Blank	↓	✓		3	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 11/28/01; 4:40pm
2. [signature] 11/28/01; 6:30pm TO Lab
3. [signature] 11/30/01 1:00PM

Received by (signed) Date/Time

1. [signature] 11/29/01 4:40pm
2. [signature] 11/30/01 10:00 AM
3. ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: WPW

Date/Time 11-30 1:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	November 29, 2001
Date Analyzed:	December 4, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Conductivity Probe)
TTL Lab Number:	011130.210
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	November 30, 2001
Date Analyzed:	December 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011130.213
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tosc, AL 35401
Phone No.: 205-345-0816
Date: 11/30/01
Sampled By: Steve Grammas | Chris Kratchek
Sample Site: Colsen Field Plume, Montgomery, AL
TTL Job No.: 0700-024 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: _____
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
11/29/01	11:10 pm	Rinse (Conductivity Probe)	Aqueous	✓		3	HCL	VOCs
	4:15 pm	Rinse (Casing)	↓	✓		3	↓	↓
11/30/01	10:45 pm	Rinse (Cone list)	↓	✓		3	↓	↓
		Blank	↓	✓		3	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 St. J. Grammas 11/30/01 4:20 pm
2 _____
3 _____

Received by (signed) Date/Time
1 _____
2 _____
3 _____

SHIPPING DETAILS

Air Bill #: _____
Method of Shipment: hand
Received By Lab: L Darnell
Date/Time 11-30-01 4:20 p.m.

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 3, 2001
Date Analyzed:	December 8, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #1 @ 46-50'
TTL Lab Number:	011204.124
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	233	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.7	J
Cis-1,2-Dichloroethene	1.0	U
Chloroform	4.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	62.3	
Benzene	1.0	U
1,2-Dichloroethane	1.1	J
Trichloroethylene	347	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.3	J
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 3, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #1 @ 46' - 50'
TTL Lab Number:	011204.126-127
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	2.4	12-10-01/1:00PM	HMR
Chloride, mg/L as Cl	11.7	12-05-01/4:46PM	RWF
Nitrate, mg NO_3^--N/L	8.48	12-11-01/5:22PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-11-01/5:22PM	RWF
Sulfate, mg/L as SO_4	<0.50	12-11-01/5:22PM	RWF
Iron, mg/L as Fe	42.5	12-06-01/2:14PM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 3, 2001
Date Analyzed:	December 5, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Coring Rod)
TTL Lab Number:	011204.123
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 3, 2001
Date Analyzed:	December 5, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011204.125
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tosc, AL 35401
Phone No.: 205-345-0816
Date: 12/3/01
Sampled By: Steve Grammas / David Carol / Chris Krafcheck
Sample Site: Gliseum Blvd. Plume, Montgomery, AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Chris Krafcheck
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine/ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/3/01	2:55pm	Rinse (Coring Rod)	Ag	✓		3	HCL	VOCs
	4:10pm	Location #1 @ 46-50'		✓		3	HCL	VOCs
						1	ICE	Nitrate, Nitrite, sulfate, alkalinity, chlorides
						1	HNO_3	Fe
		BLANK				3	HCL	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/3/01; 4:25pm
2
3

Received by (signed) Date/Time
1 [signature] 12/3/01 4:25pm
2
3

SHIPPING DETAILS

Air Bill #: 341 300-100-197-1
Method of Shipment: BUS
Received By Lab: WRW
Date/Time 12-4 4:35

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	December 4, 2001
Date Analyzed:	December 8, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (2' Sample)
TTL Lab Number:	011206.9
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 4, 2001
Date Analyzed:	December 8, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011206.11
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 12/4/01

Sampled By: David Carroll

Sample Site: Coliseum Blvd. Plaza, Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/4/01	4:05p	Rinse (2' sampler)	Aq	✓		3	HCl	VOCs
↓	5:05p	Rinse (Core Bag)	↓	✓		3	↓	↓
↓		Blank	↓	✓		3	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 12/4/01 5:10pm
2. TO Montgomery Lab 12/4/01 5:30pm
3. [signature] 12/5/01 5:45p

Received by (signed) Date/Time

1. [signature] 12/4/01 5:10pm
2. [signature] 12/5/01 5:45p
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 12-6-01 10:30am

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 5, 2001
Date Analyzed:	December 9-10, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #3 @ 44.5-48.5' BLS
TTL Lab Number:	011207.197
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	96.4	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	2.6	J
Chloroform	3.6	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	21.0	
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	512	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 5, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #3 @ 44.5' - 48.5' BLS
TTL Lab Number:	011207.199-200
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.7	12-10-01/1:00PM	HMR
Chloride, mg/L as Cl	3.65	12-10-01/3:48PM	RWF
Nitrate, mg NO_3^--N/L	4.14	12-10-01/3:48PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-10-01/3:48PM	RWF
Sulfate, mg/L as SO_4	<0.50	12-10-01/3:48PM	RWF
Iron, mg/L as Fe	2.45	12-14-01/11:14AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 5, 2001
Date Analyzed:	December 9, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (SG/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (2' Sample)
TTL Lab Number:	011207.196
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 5, 2001
Date Analyzed:	December 9, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011207.198
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet ___ of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tusc, AL 35401
Phone No.: (205) 345-0816
Date: 12/5/01
Sampled By: Steve Grammas / David Carroll
Sample Site: Olsen Blvd. Plume, Montgomery AL
TTL Job No.: 0700-02Y Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: good
7. Comments: Fe
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/5/01	2:00pm	Tunnel (Core bit)	Aqu	✓		3	HCl	VOCs
	4:07pm	Tunnel (2' sampler)		✓		3		
	2:10pm	Location #3 @ 44.5-48.5' BLS		✓		3		
				✓		1	HNO_3	Fe
				✓		1	ICE	NO_3, NO_4, SO_4, ALK, Chloride
		BLANK						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature]; 12/5/01; 5:30pm
2 To Montgomery Lab; 12/5/01; 6:00pm
3 [signature] 12/6/01 6:00pm

Received by (signed) Date/Time
1 [signature] 12/5/01 5:30pm
2 [signature] 12/6/01 6:00pm
3

SHIPPING DETAILS

Air Bill #: 3001044772
Method of Shipment: BNS
Received By Lab: [signature]
Date/Time 12/07/01 4:05pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Client:	Maynard, Cooper & Gale
Sample Date:	December 7, 2001
Date Analyzed:	December 10, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	8.5 - 9' BLS @ Location #4
TTL Lab Number:	011210.8
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 7, 2001
Date Analyzed:	December 12-13, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #4 @ 39 - 43' BLS
TTL Lab Number:	011210.3
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	294	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	2.7	J
Cis-1,2-Dichloroethene	1.0	U
Chloroform	7.6	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	79.2	
Benzene	1.0	U
1,2-Dichloroethane	1.1	J
Trichloroethylene	2050	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	3.6	J
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 7, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #4 @ 39' - 43' BLS
TTL Lab Number:	011210.09-10
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	8.6	12-14-01/1:00PM	LFW
Chloride, mg/L as Cl	6.73	12-14-01/4:04PM	RWF
Nitrate, mg NO_3^--N/L	5.87	12-14-01/4:04PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-14-01/4:04PM	RWF
Sulfate, mg/L as SO_4	1.68	12-14-01/4:04PM	RWF
Iron, mg/L as Fe	3.40	12-14-01/11:16AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 7, 2001
Date Analyzed:	December 12, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Geoprobe Rod)
TTL Lab Number:	011210.6
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 6, 2001
Date Analyzed:	December 12, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (2' Sampler)
TTL Lab Number:	011210.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Environmental Engineering and Consulting ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 7, 2001
Date Analyzed:	December 12, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011210.145
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: (205) 345-0816
Date: 12/6/01
Sampled By: Chris Kratchet
Sample Site: Gilsean Blvd Plume; Montgomery, AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ICE
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/6/01	2:50pm	Rinse (Coring Rod) ✓	Aqueous	✓		3	HCL	VOCs
	5:15pm	Rinse (2' sampler) ✓	↓	✓		3	HCL	VOCs
12/7/01	10:40am	8.5-9' BLS @ Location #4 ✓	Soil		✓	4	ICE	VOCs
	2:05pm	Location #4 @ 39-43' BLS ✓	Aqueous	✓		3	HCL	VOCs
	2:50pm	Rinse (Coring Rods) ✓	Aqueous	✓		3	HCL	VOCs
		BLANK ✓	↓			3	HCL	VOCs
	2:05pm	Location #4 @ 39-43' BLS		✓		1	ICE	NO_3, NO_4, SO_4, ALK; Chlorides
	2:05pm	Location #4 @ 39-43' BLS	↓	✓		1	HNO_3	Iron (Fe)
	9:30pm	Rinse (4' Geoprobe Rod) ✓	↓	✓		3	HCL	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/7/01; 5:40pm
2 [signature] 12/10/01 9:00
3

Received by (signed) Date/Time
1 [signature] 5:41P
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 121001 8:05 Am

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: MAYNARD, COOPER, GALE
Contact: Steve Gammons
Mailing Address: 3516 Greensboro Ave
City, State, Zip: TSC, AL
Phone No.: 205-345-0816
Date: 12/17/01
Sampled By: DRL/CK
Sample Site: Coliseum Blvd. Plume Houser St.
TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ICE
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/7	9:05	LOCATION #14 1.5'	Soil	-		4	ICE	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 12/17/01, 12:45 pm
2. [signature] 12/17/01 6:00 PM
3. ____

Received by: (signed) Date/Time

1. [signature] 12/17/01 12:45 PM
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: ____
Received By Lab: [signature]
Date/Time 12/17/01 6:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 10, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #6 @ 52 - 56' BLS
TTL Lab Number:	011212.153
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	100	U
Vinyl Chloride	100	U
Chloroethane	100	U
Trichlorofluoromethane	100	U
1,1-Dichloroethene	474	J
Methylene Chloride	100	U
Trans-1,2-Dichloroethene	100	U
1,1-Dichloroethane	100	U
Cis-1,2-Dichloroethene	100	U
Chloroform	100	U
1,1,1-Trichloroethane	100	U
Carbon Tetrachloride	100	U
Benzene	100	U
1,2-Dichloroethane	100	U
Trichloroethylene	12,200	
1,2-Dichloropropane	100	U
Bromodichloromethane	100	U
Cis-1,3-Dichloropropene	100	U
Toluene	100	U
Trans-1,3-Dichloropropene	100	U
1,1,2-Trichloroethane	100	U
Tetrachloroethylene	100	U
Dibromochloromethane	100	U
Chlorobenzene	100	U
1,1,1,2-Tetrachloroethane	100	U
Ethylbenzene	100	U
M,P-Xylenes	100	U
O-Xylene	100	U
Bromoform	100	U
1,1,2,2-Tetrachloroethane	100	U
1,3-Dichlorobenzene	100	U
1,4-Dichlorobenzene	100	U
1,2-Dichlorobenzene	100	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL Technology and Tradition

Client:	Maynard, Cooper & Gale
Sample Date:	December 10, 2001
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #6 @ 52' - 56' BLS
TTL Lab Number:	011212.156-157
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	25.5	12-14-01/1:00PM	LFW
Chloride, mg/L as Cl	7.47	12-13-01/6:06PM	RWF
Nitrate, mg NO_3^--N/L	3.26	12-13-01/6:06PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-13-01/6:06PM	RWF
Sulfate, mg/L as SO_4	0.81	12-13-01/6:06PM	RWF
Iron, mg/L as Fe	94.6	12-14-01/6:45AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Bernard J. Cassity, Jr., Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 10, 2001
Date Analyzed:	December 14, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Sampling Piston)
TTL Lab Number:	011212.154
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 10, 2001
Date Analyzed:	December 13, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011212.141
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL
Phone No.: (205) 345-0816
Date: 12/10/01
Sampled By: Steve Grammas
Sample Site: Colisee Blvd. Plan
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CHR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/10/01	6:15pm	Location #6 @ 52-56' BLS	Aq	✓		3	HCL	VOCs
↓	↓	↓ ↓	↓	✓		1	HNO_3	Fe
↓	↓	↓ ↓	↓	✓		1	ICE	NO_3, NO_4, SO_4, ALK, Chlorides
↓		Blank	↓			3	HCL	VOCs
↓	6:25pm	Rinse (Sampling Pistol)	↓	✓		3	HCL	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Steve J. Grammas 12/10/01; 7:30pm
2 To Montgomery Lab 12/10/01 8:05pm
3 Charles A Roling 12/11/01 9:20AM

Received by (signed) Date/Time
1 Charles L. Vandiver 12/10/01 7:30pm
2 Charles A Roling 12/11/01 9:00AM
3

SHIPPING DETAILS

Air Bill #: 166-317-605-3
Method of Shipment: BUS
Received By Lab: Andrea Dell
Date/Time 12-11-01 4:00pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	December 11, 2001
Date Analyzed:	December 13, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/SG/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Geo 66 Rod)
TTL Lab Number:	011212.138
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 11, 2001
Date Analyzed:	December 13, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/SG/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Sampler)
TTL Lab Number:	011212.139
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 12/11/01
Sampled By: CK, SG, DC
Sample Site: Col. Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Chris Krafcheck
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/11	8:06am	(Geo 66 Rod) Rinse	Aq	X		3	HCl	VOC
12/11	8:05am	(4' Sampler) Rinse	Aq	X		3	HCl	VOC
12/11	4:25pm	(Coring Rod) Rinse	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/11/01 6:45pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 30011 01708
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 12/20/01 1:25

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #10 @ 40 - 43'
TTL Lab Number:	011214.4
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	100	U
Vinyl Chloride	100	U
Chloroethane	100	U
Trichlorofluoromethane	100	U
1,1-Dichloroethene	100	U
Methylene Chloride	100	U
Trans-1,2-Dichloroethene	100	U
1,1-Dichloroethane	100	U
Cis-1,2-Dichloroethene	100	U
Chloroform	100	U
1,1,1-Trichloroethane	100	U
Carbon Tetrachloride	100	U
Benzene	100	U
1,2-Dichloroethane	100	U
Trichloroethylene	11,900	
1,2-Dichloropropane	100	U
Bromodichloromethane	100	U
Cis-1,3-Dichloropropene	100	U
Toluene	100	U
Trans-1,3-Dichloropropene	100	U
1,1,2-Trichloroethane	100	U
Tetrachloroethylene	100	U
Dibromochloromethane	100	U
Chlorobenzene	100	U
1,1,1,2-Tetrachloroethane	100	U
Ethylbenzene	100	U
M,P-Xylenes	100	U
O-Xylene	100	U
Bromoform	100	U
1,1,2,2-Tetrachloroethane	100	U
1,3-Dichlorobenzene	100	U
1,4-Dichlorobenzene	100	U
1,2-Dichlorobenzene	100	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DRC, CLK & STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #10 @ 40' - 43'
TTL Lab Number:	011214.09-10
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	38.9	12-17-01/4:50PM	LFW
Chloride, mg/L as Cl	7.43	12-20-01/2:37PM	RWF
Nitrate, mg NO_3^--N/L	2.73	12-20-01/2:37PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-20-01/2:37PM	RWF
Sulfate, mg/L as SO_4	1.41	12-20-01/2:37PM	RWF
Iron, mg/L as Fe	22.5	12-18-01/1:11PM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 17, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #11 @ 1-2' BLS
TTL Lab Number:	011214.7
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.9	J
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 17, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #11 @ 1-2' BLS (Duplicate)
TTL Lab Number:	011214.8
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	6.1	J
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 14, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Geoprobe 66 Rod)
TTL Lab Number:	011214.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (2' Sample)
TTL Lab Number:	011214.3
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 12, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011214.6
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35541
Phone No.: (205) 345-0916
Date: 12/12/01
Sampled By: Derick Carroll | Chris Brakefield | Steve Grammas
Sample Site: Alabama Black Plume; Montgomery, AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BB
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/12/01	7:28	Rinsate (Geoprobe 66 Rod)	Aq	✓		3	HCl	VOCs
	7:25	Rinsate (2' Stainless)		✓		3	HCl	VOCs
	9:12	Location #10 @ 40-43'		✓		1	HNO_3	Fe
	9:15			✓		3	HCl	VOCs
	9:15			✓		1	NaOH	NO_3, NO_4, SO_4, ALK, Chlorides
	3:35	Rinsate (Core Rod)		✓		3	HCl	VOCs
		BLANKS				3	HCl	VOCs
	2:25	Location #11 @ 1-2' BLS	Soil		✓	4	Ice	VOCs
	2:25	Location #11 @ 1-2' BLS (Duplicate)	Soil		✓	4	Ice	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/12/01 6:45pm
2 [signature] 12-12-01 9:00pm
3 ____

Received by (signed) Date/Time
1 [signature] 12-12-01 6:45pm
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: GLI 166-317-616-3
Method of Shipment: FedEx
Received By Lab: LDaniell
Date/Time 12-14-01 8:50am

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Date Analyzed:	December 16, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 12 36-40'
TTL Lab Number:	011214.54
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	4.2	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	429	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Technology and Tradition

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Date Analyzed:	December 16, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Duplicate Location 12 36-40'
TTL Lab Number:	011214.55
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	3.9	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	410	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DRC & CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
TTL Job Number:	0700-024

Sample ID: Location #12 @ 36' - 40'
TTL Lab Number: 011214.09-58-59

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	8.0	12-17-01/4:50PM	LFW
Chloride, mg/L as Cl	4.09	12-17-01/11:57AM	RWF
Nitrate, mg NO_3^--N/L	2.54	12-17-01/11:57AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-17-01/11:57AM	RWF
Sulfate, mg/L as SO_4	<0.50	12-17-01/11:57AM	RWF
Iron, mg/L as Fe	6.02	12-18-01/10:39AM	DGH

Sample ID: Location #12 @ 36' - 40' - Duplicate
TTL Lab Number: 011214.60-61

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.8	12-17-01/4:50PM	LFW
Chloride, mg/L as Cl	4.20	12-17-01/12:13PM	RWF
Nitrate, mg NO_3^--N/L	2.67	12-17-01/12:13PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-17-01/12:13PM	RWF
Sulfate, mg/L as SO_4	<0.50	12-17-01/12:13PM	RWF
Iron, mg/L as Fe	5.30	12-18-01/10:51AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Large Bore Sampler)
TTL Lab Number:	011214.53
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geoprobe 66 Rod Rinse
TTL Lab Number:	011214.56
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 13, 2001
Date Analyzed:	December 15, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011214.57
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet ____ of ____

Client: Maynard Cooper & Gale
Contact: Steve Grannas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa, Alabama, 35403
Phone No.: (205) 345-0816
Date: 12/13/01
Sampled By: DRC, CLK
Sample Site: Coliseum BLVD, Plume Montgomery AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: ____ °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/13	7:30am	(Large Bore Sampler) Rinse ✓	Aq	X		3	HCl	VOC
	11:40am	9 FL. Oz 36-40' Location 12	Aq	X		1	HNO_3	Fe
	11:40a	One Quart 36-40' Location 12	Aq	X		1	—	Nitrate, Nitrite, Sulfate, Chlorides, Alkalin
	11:35a	Location 12 36-40' ✓	Aq	X		3	HCl	VOC
	11:40am	9FL.Oz 36-40' Location 12 Duplicate	Aq	X		1	HNO_3	Fe
	11:40am	One Quart 36-40' Location 12 Duplicate	Aq	X		1	—	Nitrate, Nitrite, Sulfate, Chlorides, Alkalin
✓	11:35a	Location 12 36-40' Duplicate ✓	Aq	X		3	HCl	VOC
	4:55pm	GeoProbe 66 Rod Rinse ✓	Aq	X		3	HCl	VOC
		Blanks ✓	Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by (signed) Date/Time
1 12/13/01 5:15pm
2 12/14/01 9:35am
3

Received by (signed) Date/Time
1 12/13/01 5:15p
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 12/14/01 0935

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Client:	Maynard, Cooper & Gale
Sample Date:	December 14, 2001
Date Analyzed:	December 18, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse Cutting Shoe
TTL Lab Number:	011218.18
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 14, 2001
Date Analyzed:	December 18, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse Large Bore Sampler
TTL Lab Number:	011218.19
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 14, 2001
Date Analyzed:	December 18, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011218.24
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maywood Cooper & Gale

Contact: Steve Cochran

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 12/14/01

Sampled By: CLK · DC

Sample Site: Colisseum Blvd. Plume Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: _____
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By _____ ; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/14	3:05pm	GW066 Rinse Cutting Shoe	Aq	X		3	HCl	VOC
12/14	3:10pm	GW054 Rinse Laboratory Supplied Blanks	Aq	X		3	HCl	VOC
			Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	12/14/01 5:25pm	To Montgomery Lab 12/14/01 5:25pm
2	_____	12-17-01 1487
3	12-17-01 6:09pm	_____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: _____

Received By Lab: _____

Date/Time 12/18/01 0800

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 17, 2001
Date Analyzed:	December 17, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #14 1.5'
TTL Lab Number:	011218.21
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 17, 2001
Date Analyzed:	December 19, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Large Bore Sampler Rinse
TTL Lab Number:	011218.125
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 17, 2001
Date Analyzed:	December 19, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse Water Rod
TTL Lab Number:	011218.126
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 17, 2001
Date Analyzed:	December 19, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011218.127
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

Construction Materials Engineering and Testing ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 18, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #17 56.5' - 60.5'
TTL Lab Number:	011219.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 18, 2001
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #17 @ 56.5' - 60.5'
TTL Lab Number:	011219.18-19
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.1	12-21-01/2:15PM	LFW
Chloride, mg/L as Cl	2.94	12-19-01/3:57PM	RWF
Nitrate, mg NO_3^--N/L	0.98	12-19-01/3:57PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-19-01/3:57PM	RWF
Sulfate, mg/L as SO_4	1.30	12-19-01/3:57PM	RWF
Iron, mg/L as Fe	27.8	01-10-02/6:48AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	December 18, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 (Cutting Shoe) Rinse
TTL Lab Number:	011219.15
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 18, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 (Cutting Shoe) Rinse
TTL Lab Number:	011219.16
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 18, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011219.17
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Craimmas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 12/18/01
Sampled By: CLK ; DRC
Sample Site: Coliseum Blvd. Plower Montgomery AL.
TTL Job No.: 0700-024 Client P.O. # _____

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: Ice °C Seal Applied Yes X No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By _____ ; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/18	2:35pm	Location 17 56.5'-60.5'	Ag	X		3	HCl	VOC
	4:00pm	Geo 66 (Cutting Shoe) Rinse	Ag	X		3	HCl	VOC
	1:25pm	Geo 54 (Cutting Shoe) Rinse	Ag	X		3	HCl	VOC
	2:40pm	Location 17 56.5-60.5'	Ag	X		1	—	Nitrate, Nitrite, Sulfate, Alkalinity, Chlorides
	2:40pm	Location 17 56.5-60.5'	Ag	X		1	HNO_3	Fe
		Blanks	Ag			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/18/01 6:05pm
2 _____
3 _____

Received by (signed) Date/Time
1 _____
2 _____
3 _____

SHIPPING DETAILS

Air Bill #: 1268348014
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 12/19/01 0815

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #15 15' - 16'
TTL Lab Number:	011220.33
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 15 28' - 32' Split w/ADEM
TTL Lab Number:	011220.36
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	20.0	U
Vinyl Chloride	20.0	U
Chloroethane	20.0	U
Trichlorofluoromethane	20.0	U
1,1-Dichloroethene	20.0	U
Methylene Chloride	20.0	U
Trans-1,2-Dichloroethene	20.0	U
1,1-Dichloroethane	20.0	U
Cis-1,2-Dichloroethene	32.6	J
Chloroform	20.0	U
1,1,1-Trichloroethane	20.0	U
Carbon Tetrachloride	20.0	U
Benzene	20.0	U
1,2-Dichloroethane	20.0	U
Trichloroethylene	2260	
1,2-Dichloropropane	20.0	U
Bromodichloromethane	20.0	U
Cis-1,3-Dichloropropene	20.0	U
Toluene	20.0	U
Trans-1,3-Dichloropropene	20.0	U
1,1,2-Trichloroethane	20.0	U
Tetrachloroethylene	20.0	U
Dibromochloromethane	20.0	U
Chlorobenzene	20.0	U
1,1,1,2-Tetrachloroethane	20.0	U
Ethylbenzene	20.0	U
M,P-Xylenes	20.0	U
O-Xylene	20.0	U
Bromoform	20.0	U
1,1,2,2-Tetrachloroethane	20.0	U
1,3-Dichlorobenzene	20.0	U
1,4-Dichlorobenzene	20.0	U
1,2-Dichlorobenzene	20.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 18 48' - 52'
TTL Lab Number:	011220.37
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	5.1	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.6	J
Cis-1,2-Dichloroethene	3.1	J
Chloroform	2.3	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	902	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #18 @ 48' - 52'
TTL Lab Number:	011220.39-40
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	29.6	12-21-01/2:15PM	LFW
Chloride, mg/L as Cl	3.85	12-20-01/3:25PM	RWF
Nitrate, mg NO_3^--N/L	1.88	12-20-01/3:25PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	12-20-01/3:25PM	RWF
Sulfate, mg/L as SO_4	<0.50	12-20-01/3:25PM	RWF
Iron, mg/L as Fe	37.0	12-21-01/9:14AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	011220.34
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	011220.35
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 19, 2001
Date Analyzed:	December 20, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011220.43
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 12/19/01
Sampled By: CLK, DRC
Sample Site: Coliseum Blvd. Plume Montgomery, AL.
TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: KS
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/19	8:55am	LOCATION 15 15-16'	Solid	—		4	ON ICE	VOC
	11:15am	Geo54 Rinse (4' Rod)	Aq	—		3	HCl	VOC
	4:15pm	Geo66 Rinse (4' Rod)	Aq	—		3	HCl	VOC
	9:45am	Location15 28-32' (Split w/AREM)	Aq	—		3	HCl	VOC
	1:05pm	Location18 48-52'	Aq	—		1	HNO_3	Fe(II)
	1:05pm	Location18 48-52'	Aq	—		1	—	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	1:00pm	Location 18 48-52'	Aq	—		3	HCl	VOC
		Blanks	Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 12/19/01 5:15pm	12/19/01 5:15
2 12/19/01 5:15pm	2
3	3

SHIPPING DETAILS

Air Bill #: 831394274390
Method of Shipment: FedEx
Received By Lab:
Date/Time 12 2001 1005

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	December 20, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 (Large Bore Sampler) Rinse
TTL Lab Number:	011221.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 20, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 (Cutting Shoe) Rinse
TTL Lab Number:	011221.3
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 20, 2001
Date Analyzed:	December 21, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011221.4
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, Gayle

Contact: Steve Gammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 12/17/01

Sampled By: DRC/CK

Sample Site: Coliseum Blvd. Plume Montgomery AL

TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ICE
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/17	10:40	Large Bore Sampler Rinse	LIQ	X		3	HCl	VOC
12/17	4:39	Geo 66 Rinse Water Rod	LIQ	X		3	HCl	VOC
12/17		BLANK	LIQ	X		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 12/17/01 8:30pm

2 [signature] 12/18/01 9:30 AM (9:30)

3 ____

Received by (signed) Date/Time

1 To Montgomery lab 12/17/01 8:30pm

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: BLL 300-118-708-0

Method of Shipment: BLS

Received By Lab: [signature]

Date/Time 12.18.01 300pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 12/20/01
Sampled By: CLK; DRC
Sample Site: Coliseum Blvd Plume Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No X
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/20	2:20pm	Geo54 (Large Bore Sampler) Rinse	Aq	X		3	HCl	VOC
12/20	6:20pm	Geo66 (Cutting Shoe) Rinse	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Christopher C. [signature] 12/20/01 7:15pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 1268248025
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 12/21/01 8:25 AM

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Client:	Maynard, Cooper & Gale
Sample Date:	December 21, 2001
Date Analyzed:	December 28 and 31, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 14 25-28'
TTL Lab Number:	011226.103
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	7.9	J
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	7.6	J
Chloroform	5.0	U
1,1,1-Trichloroethane	16.5	J
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	2290	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 21, 2001
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #14 @ 25' - 28'
TTL Lab Number:	011226.101-102
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	<1.0	12-27-01/11:32AM	LFW
Chloride, mg/L as Cl	5.00	01-02-02/11:26AM	RWF
Nitrate, mg NO_3^--N/L	1.07	01-02-02/11:26AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-02-02/11:26AM	RWF
Sulfate, mg/L as SO_4	0.38	01-02-02/11:26AM	RWF
Iron, mg/L as Fe	1.00	01-02-02/3:39PM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 21, 2001
Date Analyzed:	December 28, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 (Large Bore Sampler) Rinse
TTL Lab Number:	011226.104
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	December 21, 2001
Date Analyzed:	December 28, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 (4' Rod) Rinse
TTL Lab Number:	011226.105
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 21, 2001
Date Analyzed:	December 28, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011226.106
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Gammons
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Alabama 35401
Phone No.: (205) 345-0816
Date: 12/21/01
Sampled By: CLC; DRC
Sample Site: Coliseum Blvd. Plume Montgomery AL
TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents: ___
7. Comments: ___
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/21	10:45	Location 14 25-28'	Aq	X		3	HCl	VOC
	10:40	Location 14 25-28'	Aq	X		1	HNO_3	Fe(II)
	10:40	Location 14 25-28'	Aq	X		1	—	Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity
	9:05	Geo66 (Long Bore Sampler) Rinse	Aq	X		3	HCl	VOC
	1:30p	Geo54 (4' Rod) Rinse	Aq	X		3	HCl	VOC
↓		Blanks	Aq			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 12/21/01 5:30pm
2. ___
3. 12/26/01 9:45AM

Received by (signed) Date/Time
1. 12/26/01
2. 12/26/01 9:15AM
3. ___

SHIPPING DETAILS

Air Bill #: GLI 800 1318947
Method of Shipment: BUS
Received By Lab: Andrea Dale
Date/Time 12261 01 300pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6868

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 26, 2001
Date Analyzed:	December 31, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	(4' Rod) Rinse
TTL Lab Number:	011228.65
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Construction Materials Engineering and Testing ■
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Client:	Maynard, Cooper & Gale
Sample Date:	December 26, 2001
Date Analyzed:	December 31, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011228.66
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Gramas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 12/26/01
Sampled By: CLK
Sample Site: Coliseum Blvd Plume Montgomery Al.
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/26	3:30pm	(4' Rod) Rinse	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	12/26/01 5:20pm	To Montgomery Lab 12/26/01 5:20pm
2	12/27/01 4:10pm	Montgomery Lab 12/27/01 5:15pm
3	12/28/01 1:40PM	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Bus Home
Received By Lab:
Date/Time 122801 140pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	December 27, 2001
Date Analyzed:	December 31, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	(4' Rod) Rinse
TTL Lab Number:	011228.67
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	December 27, 2001
Date Analyzed:	December 31, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	011228.68
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa Al. 35401

Phone No.: (205) 345-0816

Date: 12/27/01

Sampled By: CLK

Sample Site: Coliseum Blvd. Plume Montgomery Al.

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: ~~Complete~~ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/27	2:40pm	(4' Rod) Rinse	Ag	X		3	HCl	VOC
		Blanks	Ag			3	HCl	

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	12/27/01 4:10pm	To Montgomery Lab 12/27/01 5:15pm
2	12/28/01 1:35PM	
3		

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Bus - Hand

Received By Lab:

Date/Time 122801 130pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

December 17, 2001

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac Street
Montgomery, AL 36106-2815

Re: Laboratory Project No. 21000
ETR: 85934; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on December 13, 2001. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/13/01 ETR No: 85934		
473247	LOCATION #10 40-43'	12/12/01	Aqueous
473248	LOCATION #6 52-56'	12/10/01	Aqueous
473249	LOCATION #4 39-43'	12/09/01	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0014.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The Laboratory Director or his designee, as verified by the following signature has authorized the release of the data contained in this hardcopy data package.

Sincerely,

Kristine Russell for

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jm1
Enclosure

STL Burlington is a part of Severn Trent Laboratories, Inc.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES

STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 12/17/01
ETR Number : 85934
Project No.: 21000
No. Samples: 3
Arrived : 12/13/01

Case:21000 SDG:85934

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
473247	LOCATION #10 40-43':12/12/01 @0912(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
473248	LOCATION #6 52-56':12/10/01 @1815(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
473249	LOCATION #4 39-43':12/09/01 @1405(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

0002

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A-	The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
B-	The reported analyte was detected in the associated method blank as well as the sample.
D -	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
E-	Compound quantitation is above the instrument's calibration range for this analysis.
J -	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.
U-	Indicates compound was analyzed for but not detected above the reporting limit.
X,Y,Z -	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION439-43

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: 473249

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011629-R031

Level: (low/med) LOW Date Received: 12/13/01

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION652-56

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: 473248

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011629-R021

Level: (low/med) LOW Date Received: 12/13/01

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	4.6	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION1040-43

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: 473247

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011629-R011

Level: (low/med) LOW Date Received: 12/13/01

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

ABLKS6

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: ABLKS6

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011111-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

S6LCS

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: S6LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011111-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	260	
74-84-0	Ethane	540	
74-85-1	Ethene	470	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

S6LCSD

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix: (soil/water) WATER Lab Sample ID: S6LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13DEC011111-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/13/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	280	
74-84-0	Ethane	570	
74-85-1	Ethene	500	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Matrix Spike - STLVT Sample No.: S6LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		260	84	70-130
Ethane	600		540	90	70-130
Ethene	510		470	92	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	280	90	7	30	70-130
Ethane	600	570	95	5	40	70-130
Ethene	510	500	98	6	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKS6

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 85934

Lab File ID: 13DEC011111-R041 Lab Sample ID: ABLKS6

Date Analyzed: 12/13/01 Time Analyzed: 1230

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	S6LCS	S6LCS	13DEC011111-	1152
02	S6LCSD	S6LCSD	13DEC011111-	1156
03	LOCATION1040	473247	13DEC011629-	1644
04	LOCATION652-	473248	13DEC011629-	1647
05	LOCATION439-	473249	13DEC011629-	1651
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

"HOLD FOR STL LAB"

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL
Phone No.: (205) 345-0816
Date: 12/7/01
Sampled By: Steve Grammas
Sample Site: Citizens Blvd. Plume, Montgomery, AL
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: KR
3. Initial Contents Temp.: Ice °C Seal Applied Yes X No
4. Sampling Status: Complete X Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/7/01	2:05pm	Location #4 @ 39-43' BLS	Soil	✓		3	HCl	Methane, Ethene, Ethane

0700-024

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 12/7/01 3:37pm
2. To Montgomery Lab; 12/7/01 4:22pm
3. [signature] 12/12/01 5:30p

Received by (signed) Date/Time

1. [signature] 12/7/01 3:37pm
2. [signature] 12/12/01 5:30p
3. Dorothy Vanslette 12/13/01 0930

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

"HOLD FOR STL LAB"

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL

Phone No.: (205) 345-0816

Date: 12/10/01

Sampled By: Steve Grammas

Sample Site: Colosseum Blvd. Plume; Montgomery, AL

TTL Job No.: 6700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/10/01	6:15p	Location #6 @ 52-56'	Soil	✓		2	HCl	Methane, Ethene, Ethane

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 12/10/01; 7:35p
2. To Montgomery Lab 12/10/01; 8:05pm
3. [signature] 12/12/01 15:30

Received by (signed) Date/Time

1. [signature] 12/10/01 7:35pm
2. [signature] 12/12/01 15:30
3. Dorothy Vansickle 12/13/01 0930

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

(SIZ Lab)

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Corcoran
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 12/12/01
Sampled By: ARC
Sample Site: Col. Blvd. Plume Montgomery Alabama
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: K2
3. Initial Contents Temp.: 4°C Seal Applied Yes ✓ No
4. Sampling Status: Complete X Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/12	9:12	Location #10 40-43'	Ag	X		2	HCl	Methane, Ethane, Ethene

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 12/12/01 5:00pm
2 12/12/01 5:30pm
3

Received by (signed) Date/Time
1 12/12/01 5:30
2 Dorothy Vanslette 12/13/01 0930
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

December 26, 2001

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac Street
Montgomery, AL 36106-2815

Re: Laboratory Project No. 21000
ETR: 86010; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on December 20, 2001. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/20/01 ETR No: 86010		
473783	Location18 48'-52'	12/19/01	Liquid
473784	Location12 36'-40	12/13/01	Aqueous
473785	Location17 56.5'-60.5	12/18/01	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0014.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The Laboratory Director or his designee, as verified by the following signature has authorized the release of the data contained in this hardcopy data package.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

MFW/cjc/jm1
Enclosure

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 12/26/01
ETR Number : 86010
Project No.: 21000
No. Samples: 3
Arrived : 12/20/01

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
473783	Location18 48'-52':12/19/01 @1300(Liquid)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
473784	Location12 36'-40:12/13/01 @1135(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
473785	Location17 56.5'-60.5:12/18/01 @1435(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page >

Submitted By : STL Burlington

0002

Kristie Dusdelon

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

S8LCS

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: S8LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19DEC011424-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/19/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	280	
74-84-0	Ethane	560	
74-85-1	Ethene	480	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

S8LCSD

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: S8LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19DEC011424-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/19/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	250	
74-84-0	Ethane	520	
74-85-1	Ethene	440	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

ABLKS8

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: ABLKS8

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19DEC011424-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/19/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix Spike - STLVT Sample No.: S8LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		280	90	70-130
Ethane	600		560	93	70-130
Ethene	510		480	94	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	250	81	10	30	70-130
Ethane	600	520	87	7	40	70-130
Ethene	510	440	86	9	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKS8

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Lab File ID: 19DEC011424-R041 Lab Sample ID: ABLKS8

Date Analyzed: 12/19/01 Time Analyzed: 1545

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	S8LCS	S8LCS	19DEC011424-	1503
02	S8LCSD	S8LCSD	19DEC011424-	1506
03	LOCATION18	473783	20DEC011202-	1216
04	LOCATION12	473784	20DEC011202-	1219
05	LOCATION17	473785	20DEC011202-	1223
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COMMENTS:

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 12/19/01
Sampled By: CLK DRC
Sample Site: 0700-024 Coliseum Blvd. Pline Montgomery Al.
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: K
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/19	1:00pm	Location 18 48'-52'	Liq	X		2	HCl	Methane, Ethane, Ethene

0012

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/19/01 5:10pm
2 [signature] 12/19/01 5:10pm
3 ____

Received by (signed) Date/Time
1 Kenneth Kerrane 12/19/01 5:10pm
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: ____
Received By Lab: [signature]
Date/Time 12-20-01 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKS8

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Lab File ID: 19DEC011424-R041 Lab Sample ID: ABLKS8

Date Analyzed: 12/19/01 Time Analyzed: 1545

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	S8LCS	S8LCS	19DEC011424-	1503
02	S8LCSD	S8LCSD	19DEC011424-	1506
03	LOCATION18	473783	20DEC011202-	1216
04	LOCATION12	473784	20DEC011202-	1219
05	LOCATION17	473785	20DEC011202-	1223
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COMMENTS:

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Greenwood
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 12/18/01
Sampled By: CLK DRC
Sample Site: 0700-024 Coliseum Blvd. Pline Montgomery AL
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/19	1:00pm	Location 14 48'-52'	Liq	X		2	HCl	Methane, Ethane, Ethene

0012

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 12/19/01 5:10pm
2 [signature] 12/19/01 5:10pm
3

Received by (signed) Date/Time

1 [signature] 12/19/01 5:10
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab: [signature]
Date/Time 12-20-01 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Hold for -51

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Giemanes
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 12/13/01
Sampled By: DRC, CLK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0220-024

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/13	11:35a	Location 12 36'-40'	Aq	X		2	HCL	Methane, Ethane, Ethene

0013

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 12/13/01 7:15pm
2 Ken Dale Weaver 12/19/01 4:05pm
3

Received by (signed) Date/Time
1 Tallmontgomery Lab 12/13/01 7:15
2 Ken Dale Weaver 12/19/01 4.00
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab: [signature]
Date/Time 12-20-01 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SIC Lab

TTL, INC.

Chain of Custody Form

Sheet ___ of 1

Client: MayNard Cooper & Gale

Contact: Steve Gremmes

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, Al 35401

Phone No.: (205) 345-0816

Date: 12/18/01

Sampled By: CLK

Sample Site: Coliseum Blvd Plume ; Montgomery Al.

TTL Job No.: 020C-024 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: K.L
3. Initial Contents Temp.: KC °C Seal Applied Yes X No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents: ___
7. Comments: ___
8. Reporting Status: Routine; ASAP By ___ ; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
12/18	2:35pm	Location 17 56.5-60.5'	Ag	x		2	HCl	Methane, Ethane, Ethene

0014

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 Christie C Kyzar 12/18/01 6:05pm

2 Ken Caldwell Kenwell 12/19/01 9:03p

3 _____

Received by (signed) Date/Time

1 To Montgomery Lab 12/18/01 6:15pm

2 _____

3 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: _____

Received By Lab: _____

Date/Time 12-20-01 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A-	The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
B-	The reported analyte was detected in the associated method blank as well as the sample.
D -	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
E-	Compound quantitation is above the instrument's calibration range for this analysis.
J -	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.
U-	Indicates compound was analyzed for but not detected above the reporting limit.
X,Y,Z -	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION18

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: 473783

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20DEC011202-R011

Level: (low/med) LOW Date Received: 12/20/01

% Moisture: not dec. _____ Date Analyzed: 12/20/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	6.7	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION12

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: 473784

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20DEC011202-R021

Level: (low/med) LOW Date Received: 12/20/01

% Moisture: not dec. _____ Date Analyzed: 12/20/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.9	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION17

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86010

Matrix: (soil/water) WATER Lab Sample ID: 473785

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20DEC011202-R031

Level: (low/med) LOW Date Received: 12/20/01

% Moisture: not dec. _____ Date Analyzed: 12/20/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.6	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

December 28, 2001

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac Street
Montgomery, AL 36106-2815

Re: Laboratory Project No. 21000
ETR: 86054; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on December 27, 2001. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 12/27/01	ETR No: 86054	
477017	LOCATION 14 25-28'	12/21/01	Liquid

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0010.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The Laboratory Director or his designee, as verified by the following signature has authorized the release of the data contained in this hardcopy data package.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

MFW/cjc/jm1
Enclosure

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A-	The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
B-	The reported analyte was detected in the associated method blank as well as the sample.
D -	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
E-	Compound quantitation is above the instrument's calibration range for this analysis.
J -	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.
U-	Indicates compound was analyzed for but not detected above the reporting limit.
X,Y,Z -	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION14

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Matrix: (soil/water) WATER Lab Sample ID: 474023

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28DEC010947-R011

Level: (low/med) LOW Date Received: 12/27/01

% Moisture: not dec. _____ Date Analyzed: 12/28/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

T2LCS

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Matrix: (soil/water) WATER Lab Sample ID: T2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28DEC010913-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	250	
74-84-0	Ethane	530	
74-85-1	Ethene	460	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

T2LCSD

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Matrix: (soil/water) WATER Lab Sample ID: T2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28DEC010913-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	300	
74-84-0	Ethane	680	
74-85-1	Ethene	580	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

ABLKT2

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Matrix: (soil/water) WATER Lab Sample ID: ABLKT2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28DEC010913-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/28/01

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Matrix Spike - STLVT Sample No.: T2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		250	81	70-130
Ethane	600		530	88	70-130
Ethene	510		460	90	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	300	97	18	30	70-130
Ethane	600	680	113	25	40	70-130
Ethene	510	580	114	24	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKT2

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 21000 SAS No.: SDG No.: 86054

Lab File ID: 28DEC010913-R031 Lab Sample ID: ABLKT2

Date Analyzed: 12/28/01 Time Analyzed: 0934

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	T2LCS	T2LCS	28DEC010913-	0927
02	T2LCSD	T2LCSD	28DEC010913-	0930
03	LOCATION14	474023	28DEC010947-	1006
04				
05				
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29				
30				

COMMENTS:

Hold for SIL

TTL, INC.
Chain of Custody Form

Sheet ___ of 1

Client: [illegible]

Contact: [illegible]

Mailing Address: [illegible]

City, State, Zip: [illegible]

Phone No.: [illegible]

Date: [illegible]

Sampled By: [illegible]

Sample Site: [illegible]

TTL Job No.: [illegible]

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: ___
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents: ___
7. Comments: ___
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		2	[illegible]	[illegible]

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 12/21/01 5:30pm

2 [signature] 12/26/01 2:30pm

3 ___

Received by: (signed) Date/Time

1 [signature] 12/21/01 5:30pm

2 Dorothy Vanslette 12/27/01 0930

3 ___

SHIPPING DETAILS

Air Bill #: ___

Method of Shipment: FEDEX

Received By Lab: ___

Date/Time ___

0010

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 2, 2002
Date Analyzed:	January 7, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse 4' Rod
TTL Lab Number:	020104.108
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 2, 2002
Date Analyzed:	January 7, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020104.111
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 3, 2002
Date Analyzed:	January 7, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse Water Rod
TTL Lab Number:	020104.109
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 3, 2002
Date Analyzed:	January 7, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	4' Rod Rinse
TTL Lab Number:	020104.110
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: MAYNARD, COOPER, GALE
Contact: STEVE GRAMMAS
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: 205-345-0816
Date: 1/2/02 - 1/3/02
Sampled By: DRC
Sample Site: COLISEUM BLVD. PLUME
TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CJR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: FCV
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/2/02	2:40	Geo 54 RINSE 4' ROD	LIQ	✓		3	HCL	VOC
1/2/02	2:40	BLANK	LIQ	✓		3	HCL	VOC
1/3/02	2:55	Geo 66 Rinse Water ROD	LIQ	✓		3	HCL	VOC
1/3/02	5:30	4' Rod Rinse	LIQ	✓		3	HCL	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1 David R. Cagle 1/3/02 5:35pm	1 [signature] 1/3/02 5:35pm
2 [signature] 1/3/02 6:05pm	2 TO Montgomery Lab 1/3/02 6:05pm
3 [signature] 1/4/02 9:45 AM	3 ____

SHIPPING DETAILS

Air Bill #: 3001424716-7
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 010402 3:05pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Client:	Maynard, Cooper & Gale
Sample Date:	January 4, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 26 1.5'
TTL Lab Number:	020104.157
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 4, 2002
Date Analyzed:	January 8, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	(4' Rod) Rinse
TTL Lab Number:	020104.156
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 4, 2002
Date Analyzed:	January 8, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020104.158
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, Inc.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 1/4/02
Sampled By: CLK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: FCe
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/4/02	1:45pm	(4" Rel) Rinse	Ag	X		3	HCl	VOC
1/4/02	11:22am	Location 26 1.5'	Solid	X		4	—	VOC
✓		Blanks	Ag			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed)	Date/Time	Received by: (signed)	Date/Time
1	[signature]	1/4/02 2:25pm	[signature]	1/4/02 2:25 PM
2	[signature]	1/4/02 3:32 PM	[signature]	3:32 PM
3	[signature]	1/4/02 4:30 PM		

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 010402 4:30

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 7, 2002
Date Analyzed:	January 8-9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 21 44-48'
TTL Lab Number:	020108.18
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	484	
Methylene Chloride	10.0	U
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	11.0	J
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	133	J
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	5230	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 7, 2002
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #21 @ 44' - 48'
TTL Lab Number:	020108.16-17
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	14.3	01-09-02/12:58PM	LFW
Chloride, mg/L as Cl	12.0	01-21-02/7:31PM	RWF
Nitrate, mg NO_3^--N/L	5.21	01-21-02/7:15PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-21-02/7:15PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-21-02/7:15PM	RWF
Iron, mg/L as Fe	6.91	01-09-02/5:32PM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 7, 2002
Date Analyzed:	January 8, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	020108.19
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 7, 2002
Date Analyzed:	January 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (1½" 4' Rod)
TTL Lab Number:	020108.20
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 7, 2002
Date Analyzed:	January 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020108.21
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.7	J
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa Al. 35401

Phone No.: (205) 345-0816

Date: 1/7/02

Sampled By: CLK; DRC

Sample Site: Coliseum Blvd. Plume Montgomery Al.

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/7/02	9:05am	Location 21 44-48'	Ag	X		1	NONE	Alkalinity, Nitrate, Nitrite, Chlorides, Sulfates
	9:05am	Location 21 44-48'	Ag	X		1	H_2O_2	Fe (II)
	9:10am	Location 21 44-48'	Ag	X		3	HCl	VOC
	1:44pm	Geo 54 Rinse (4' Rod)	Ag	X		3	HCl	VOC
	1:55pm	Geo 66 Rinse (1½" 4' Rod)	Ag	X		3	HCl	VOC
		Blanks	Ag			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	Christopher L. Kieffer 1/7/02 6:30pm	
2		
3		

SHIPPING DETAILS

Air Bill #: 126824819O

Method of Shipment: BUS

Received By Lab:

Date/Time 1/08/02 0835

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 8, 2002
Date Analyzed:	January 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 28 28-32'
TTL Lab Number:	020109.103
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.3	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	309	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Technology and Tradition

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 8, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #28 @ 28' - 32'
TTL Lab Number:	020109.107-108
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	<1.0	01-14-02/8:30AM	LFW
Chloride, mg/L as Cl	7.07	01-21-02/9:56PM	RWF
Nitrate, mg NO_3^--N/L	3.15	01-21-02/9:56PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-21-02/9:56PM	RWF
Sulfate, mg/L as SO_4	0.60	01-21-02/9:56PM	RWF
Iron, mg/L as Fe	2.42	01-10-02/7:45AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 8, 2002
Date Analyzed:	January 11, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (1½" 4' Rod)
TTL Lab Number:	020109.104
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 8, 2002
Date Analyzed:	January 11, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse Large Bore Sampler)
TTL Lab Number:	020109.105
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 8, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020109.106
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, Gale

Contact: Steve Gramonas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 1/8/02

Sampled By: DRC/CK

Sample Site: COLISEUM BLVD PLUME

TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: GOOD
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/8/02	9:45	LOC. 28 28'-32'	LIQ	✓		1		Nitrate, Nitrite, sulfate, alkalinity, chlorides
1/8/02	9:45	LOC. 28 28'-32'		✓		1	HNO_3	Fe(II)
1/8/02	9:47	LOC. 28 28'-32'		✓		3	HCL	VOC
1/8/02	12:58	Geo 66 Rinse (1½" 4' ROD)		✓		3	HCL	VOC
1/8/02	16:30	Geo 54 Rinse large bore Sampler		✓		3	HCL	VOC
1/8/02		BLANKS		✓		3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. David R. Cargill 1/9/02 8:43A
2. [signature] 1/9/02 9:55AM
3. ____

Received by (signed) Date/Time

1. [signature] 1/9/02 8:43AM
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: 3001484750

Method of Shipment: UPS

Received By Lab: [signature]

Date/Time 010802 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 12 1.5' BLS
TTL Lab Number:	020110.030
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	21.9	
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 12 9' BLS
TTL Lab Number:	020110.031
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	17.3	J
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 12 26' BLS
TTL Lab Number:	020110.032
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12 and 16, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 13 1.5' BLS
TTL Lab Number:	020110.033
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.2	J
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	15.4	J
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	796	
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	4.7	J
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 13 20.5' BLS
TTL Lab Number:	020110.034
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 15 @ 16'
TTL Lab Number:	020110.035
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Core Sampler)
TTL Lab Number:	020110.36
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Sampler)
TTL Lab Number:	020110.37
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 9, 2002
Date Analyzed:	January 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020110.38
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.2	J
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, .C.

Chain of Custody Form

Sheet 1 of 1

Client: MAYNARD, COOPER, GALE

Contact: STEVE GRAMMAS

Mailing Address: 3516 Greensboro Ave

City, State, Zip: TUSCALOOSA, AL 35401

Phone No.: (205) 345-0816

Date: 1/9/02

Sampled By: DRC/SG

Sample Site: Coliseum Blvd. Plume, Montgomery AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammas
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/9/02	7:45	LOCATION 12 1.5' BLS	SOL	✓		4	ICE	VOC
	8:05	LOCATION 12 9'		✓		4		
	9:00	LOCATION 12 26'		✓		4		
	10:00	LOCATION 13 1.5'		✓		4		
	10:58	LOCATION 13 20.5'		✓		4		
	1:50pm	Location 15 @ 16'		✓		4		
	2:15pm	Rinsate (Duc sample)	Aq	✓		3	HCl ICE	
	3:20pm	Geo 66 Rinse (4 sample)		✓		3		
		BLANK		✓		3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/9/02 4:15pm

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: FedEx

Method of Shipment: 825333881619

Received By Lab: Carrie Burt

Date/Time 1/10/02 0950

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 10, 2002
Date Analyzed:	January 15, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Probe Rod)
TTL Lab Number:	020111.98
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 10, 2002
Date Analyzed:	January 16, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020111.99
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 10, 2002
Date Analyzed:	January 16, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020111.100
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grimmes

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/10/02

Sampled By: CK; SG

Sample Site: Coliseum Blvd Plaza Montgomery AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good CK
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/10	4:00pm	Rinse (Probe Rod)	Aq	X		3	HCl	VOC
↓	4:20pm	Geo66 Rinse (4' Rod)	↓	X		3	HCl	VOC
↓		Blanks	↓			3	HCl	—

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 1/10/02 6:45pm — To Montgomery Lab
2. [signature] 1/11/02 12:15 PM
3. _____

Received by: (signed) Date/Time

1. [signature] 1/11/02 9:30 AM
2. _____
3. _____

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Bus

Received By Lab: [signature]

Date/Time 1-11-02 12:15

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 11, 2002
Date Analyzed:	January 17, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 24 (42-46')
TTL Lab Number:	020114.49
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.2	J
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	31.0	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 11, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #24 @ 42' - 46'
TTL Lab Number:	020114.53-54
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	17.6	01-15-02/11:40AM	LFW
Chloride, mg/L as Cl	3.88	01-22-02/8:40PM	RWF
Nitrate, mg NO_3^--N/L	3.37	01-22-02/8:40PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-22-02/8:40PM	RWF
Sulfate, mg/L as SO_4	0.65	01-22-02/8:40PM	RWF
Iron, mg/L as Fe	31.0	01-15-02/10:40AM	DGH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	January 11, 2002
Date Analyzed:	January 17, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020114.50
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 11, 2002
Date Analyzed:	January 17, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Probe Rod)
TTL Lab Number:	020114.51
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	January 11, 2002
Date Analyzed:	January 17, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020114.52
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Gramling
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 1/11/02
Sampled By: CK; SG
Sample Site: Coliseum Blvd Plume Montgomery AL
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/11	11:40am	Location 24 (42-46')	Aq	x		3	HCl	VOC
	10:15am	Rinse (4' Rod)	Aq	x		3	HCl	VOC
	7:40am	Rinse (Probe Rod)	Aq	x		3	HCl	VOC
	11:35am	Location 24 (42-46')	Aq	x		1	HNO_3	Fe (II)
	11:35am	Location 24 (42-46')	Aq	x		1	—	Nitrate; Nitrite; Sulfate; Alkalinity; Chlorides
		Blanks	Aq	x		3	HCl	~~VOCs~~

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 1/11/02 3:50pm
2 1/11/02 6:00pm
3

Received by (signed) Date/Time
1 1/11/02; 3:52pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01102 6:00pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 14, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	020116.73
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 14, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020116.74
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 14, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020116.75
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 1/14/02

Sampled By: CLK ; DRC

Sample Site: Coliseum Blvd Plume Montgomery Al.

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Good
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/14	2:33p	GeoSA Rinse (4' Rod)	Aq	X		3	HCl	VOC
	9:20A	Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 1/14/02 7:00pm

2 1/15/02 6:00pm

3

Received by (signed) Date/Time

1 1/14/02 7:00pm

2

3

SHIPPING DETAILS

Air Bill #: 3001571194

Method of Shipment: BUS

Received By Lab:

Date/Time 01/16/02 4:25

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 15, 2002
Date Analyzed:	January 18 and 21, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 30 (24-25.5')
TTL Lab Number:	020116.76
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	10.6	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.2	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	336	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 15, 2002
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #30 @ 24' - 25.5'
TTL Lab Number:	020116.80-81
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	<1.0	01-17-02/1:50PM	LFW
Chloride, mg/L as Cl	12.5	01-23-02/11:24AM	RWF
Nitrate, mg NO_3^--N/L	2.26	01-22-02/11:21AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-22-02/11:21AM	RWF
Sulfate, mg/L as SO_4	3.72	01-22-02/11:21AM	RWF
Iron, mg/L as Fe	6.41	01-23-02/1:14PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 15, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse
TTL Lab Number:	020116.77
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 15, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020116.78
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 15, 2002
Date Analyzed:	January 18, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020116.79
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL INC.
Chain of Custody Form

Sheet 1 of ____

Client: Maynard, Cooper, Gayle
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL
Phone No.: (205) 345-0816 35401
Date: 1/15/02
Sampled By: DRC/CK
Sample Site: Coliseum Blvd. Plume, Montgomery, AL
TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good ice
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/15/02	10:42	LOCATION 30 24-25.5'	AQ	—		1	ICE	Nitrate, Nitrite, Sulfate, Alkalinity, Chlorides
	10:42	LOCATION 30 24-25.5'		—		1	HNO_3	Iron (II)
	10:47	LOCATION 30 24-25.5'		—		3	HCL	VOC
	11:59	Geo 54 Rinse		—		3	HCL	VOC
	12:50	Geo 66 Rinse 4' ROD		—		3	HCL	VOC
		BLANKS		—		3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 David R. Canoll 1/15/02 6:00pm
2 ____
3 ____

Received by (signed) Date/Time
1 [signature] 1/15/02 6:00pm
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: 3001571144
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 011602 4:25

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 16, 2002
Date Analyzed:	January 21, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (Water Rod)
TTL Lab Number:	020117.130
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 16, 2002
Date Analyzed:	January 21, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020117.132
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 17, 2002
Date Analyzed:	January 21 and 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 9R (54-58')
TTL Lab Number:	020117.134
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	69.2	J
Methylene Chloride	10.0	U
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	14.4	J
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	10.0	U
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	4150	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
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Client:	Maynard, Cooper & Gale
Sample Date:	January 17, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #9R @ 54' - 58'
TTL Lab Number:	020117.136-137
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	30.5	01-18-02/2:00PM	LFW
Chloride, mg/L as Cl	5.12	01-23-02/12:09AM	RWF
Nitrate, mg NO_3^--N/L	1.55	01-23-02/12:09AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-23-02/12:09AM	RWF
Sulfate, mg/L as SO_4	1.11	01-23-02/12:09AM	RWF
Iron, mg/L as Fe	437	01-28-02/2:33PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 17, 2002
Date Analyzed:	January 21, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (Grout Rod)
TTL Lab Number:	020117.131
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 17, 2002
Date Analyzed:	January 21, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020117.133
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

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Client:	Maynard, Cooper & Gale
Sample Date:	January 17, 2002
Date Analyzed:	January 21, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020117.135
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in "Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846".

V. Jesse Burns, Chemist

TTL, C.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 1/17/02
Sampled By: CLK; DRC
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/16	12:40pm	Geo54 Rinse (Water Rod)	Aq	x		3	HCl	VOC
1/17	8:43am	Geo54 Rinse (Grout Rod)	Aq	x		3	HCl	VOC
1/16	8:45am	Geo66 Rinse (4' Rod)	Aq	x		3	HCl	VOC
1/17	9:00am	Geo66 Rinse (4' Rod)	Aq	x		3	HCl	VOC
1/17	10:20am	Location 9R (54-58')	Aq	x		1	None	Nitrate; Nitrite; Sulfides; Chlorides; Alk
1/17	10:20am	Location 9R (54-58')	Aq	x		1	HNO_3	Fe (II)
		Blanks	Aq			3	HCl	VOC
1/17	10:25am	Location 9R (54-58')	Aq	x		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 1/17/02 10:40am
2 [signature] 1/17/02 2:30pm
3

Received by (signed) Date/Time
1 [signature] 1/17/02; 10:40am
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 011702 1430

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 18, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 31 (22-26')
TTL Lab Number:	020122.100
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.9	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	42.6	
Chloroform	3.4	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	16.9	J
1,2-Dichloroethane	1.0	U
Trichloroethylene	883	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	2.2	J
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	7.5	J
O-Xylene	21.3	
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 18, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 31 (42-46')
TTL Lab Number:	020122.101
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	9.3	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Maynard, Cooper & Gale
Sample Date: January 18, 2002
Sample Type: Aqueous
Sampled By: **TTL** Personnel (CLK & DRC)
Sample Site: Coliseum Boulevard Plume
Montgomery, Alabama
TTL Job Number: 0700-024

Sample ID: Location #31 @ 22' - 26'
TTL Lab Number: 020122.103-104

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	2.1	01-23-02/1:40PM	LFW
Chloride, mg/L as Cl	6.15	01-26-02/3:10PM	RWF
Nitrate, mg NO_3^--N/L	1.64	01-26-02/3:10PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/3:10PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-26-02/3:10PM	RWF
Iron, mg/L as Fe	7.97	01-25-02/3:55PM	GAH

Sample ID: Location #31 @ 42' - 46'
TTL Lab Number: 020122.105-106

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	2.8	01-23-02/1:40PM	LFW
Chloride, mg/L as Cl	3.08	01-26-02/3:26PM	RWF
Nitrate, mg NO_3^--N/L	3.23	01-26-02/3:26PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/3:26PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-26-02/3:26PM	RWF
Iron, mg/L as Fe	5.65	01-25-02/3:55PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 18, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020122.98
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 18, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (1" 4' Rod)
TTL Lab Number:	020122.99
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 18, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020122.102
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 1/18/02
Sampled By: CLC; DRC
Sample Site: Coliseum Blvd. Plume Montgomery AL.
TTL Job No.: 0200-024 Client P.O. # _____

Sample Security Requirements

1. Condition of Contents: good CR
2. Sealed for Shipping By: _____
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No _____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No _____
6. Condition of Contents: good Ice
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____ ; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/18	8:40a	Geo 66 Rinse (4' Rod) ✓	Aq.	X		3	HCl	VOC
	4:50p	Geo 54 Rinse (1" 4' Rod) ✓	Aq.	X		3	HCl	VOC
	10:17a	Location 31 (22-26') ✓	Aq.	X		3	HCl	VOC
	10:15a	Location 31 (22-26') ✓	Aq.	X		1	HNO_3	Fe(II)
	10:15a	Location 31 (22-26') ✓	Aq.	X		1	None	Nitrite, Nitrate, Chlorides, Sulfates, Alkalinity
		Blanks ✓	Aq.			3	HCl	VOC
	2:38p	LOCATION 31 42-46' ✓	AQ	X		1	None	Nitrite, Nitrate, sulfate, chlorides, Alkalinity
	2:38p	LOCATION 31 42-46' ✓	AQ	X		1	HNO_3	Fe(II)
	2:41p	LOCATION 31 42-46' ✓	AQ	X		3	HCL	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 David R. Carroll 1/18/02
2 Kay Call Keaney for Heather 1-18-02 4:15pm
3 Mark H. Lolley 1/21/02 6:20PM

Received by (signed) Date/Time
1 Kay Call Keaney 1-18-02 4:05
2 Mark H. Lolley 1/21/02 5:45PM
3 _____

SHIPPING DETAILS

Air Bill #: 3001648133
Method of Shipment: FedEx
Received By Lab: [signature]
Date/Time 01/22/02 4:15pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 21, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 32 18.5'
TTL Lab Number:	020122.93
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 21, 2002
Date Analyzed:	January 23, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020122.91
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 21, 2002
Date Analyzed:	January 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (1" Rod)
TTL Lab Number:	020122.92
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 21, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020122.94
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 1/24/02
Sampled By: CLK ; DRC
Sample Site: Coliseum Blvd. Plume Montgomery AL
TTL Job No.: 0700-024 Client P.O. # _____

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Fed Ex
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/21	8:55am	Geo 66 Rinse (4' Rod)	Aq	x		3	HCl	VOC
✓	8:58am	Geo 54 Rinse (1" Rod)	Aq	x		3	HCl	VOC
✓	9:50am	Location 32 18.5'	Solid	x		4	None	VOC
		Blanks	Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/24/02 6:00pm
2 [signature] 1/24/02 6:20PM
3 _____

Received by (signed) Date/Time

1 [signature] 1/24/02 6:00 PM 6:05PM
2 _____
3 _____

SHIPPING DETAILS

Air Bill #: 3001648133
Method of Shipment: Fed Ex
Received By Lab: [signature]
Date/Time 01/2002 4:11pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 22, 2002
Date Analyzed:	January 25, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (SG/DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 33 @ 42-46'
TTL Lab Number:	020123.28
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	January 22, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG, CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #33 @ 42' - 46'
TTL Lab Number:	020123.16-17
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	2.7	01-25-02/10:52AM	LFW
Chloride, mg/L as Cl	5.95	01-26-02/3:58PM	RWF
Nitrate, mg NO_3^--N/L	6.98	01-26-02/3:58PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/3:58PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-26-02/3:58PM	RWF
Iron, mg/L as Fe	5.25	01-28-02/12:12PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

Technology and Tradition

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 22, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (SG/DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Geo 66 4' Rod)
TTL Lab Number:	020123.13
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	January 22, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (SG/DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Geo 54 4' Rod)
TTL Lab Number:	020123.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	January 22, 2002
Date Analyzed:	January 24, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020123.15
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper & Gale
Contact: Steve Grammers
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No. (205) 345-0816
Date: 1/22/02
Sampled By: Steve Grammers / David Carroll / Chris Kratchuk
Sample Site: Coliseum Blvd. Plume, Montgomery, AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammers
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/22/02	9:45am	DZ 2 @ 8' BLS	SOIL	✓		4	ICE	VOCs
	10:00am	DZ 2 @ 20' BLS	SOIL	✓		4	ICE	
	12:50pm	Rinse (Core Rod/Bit)	Aqueous	✓		3	HCL, ICE	
	2:45pm	DZ4 @ 38' BLS	SOIL	✓		4	ICE	
	3:50pm	DZ4 @ 55' BLS	SOIL	✓		4	ICE	
	8:15am	Rinse (Geo. 66 - 4' Rod)	Aqueous	✓		3	HCL, ICE	
	9:51am	Rinse (Geo. 54 - 4' Rod)		✓		3		
		BLANK		✓		3		
	2:44pm	Location 33 @ 42-46'		✓		3	HCL, ICE	
	2:44pm	Location 33 @ 42-46'		✓		2	HNO3, ICE	Iron, Nitrate, Nitrite, Sulfate, chlorides, alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 1/22/02; 5:15pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 825333881593
Method of Shipment: FedEx
Received By Lab: [signature]
Date/Time 012302 0950

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	January 23, 2002
Date Analyzed:	January 26 and 29, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 34 @ 20-24'
TTL Lab Number:	020124.44
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	34.4	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.4	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	7.9	J
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	468	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 23, 2002
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG, CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #34 @ 20' - 24'
TTL Lab Number:	020124.52-53
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	2.2	01-25-02/10:52AM	LFW
Chloride, mg/L as Cl	10.7	01-28-02/3:43PM	RWF
Nitrate, mg NO_3^--N/L	2.57	01-26-02/5:19PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/5:19PM	RWF
Sulfate, mg/L as SO_4	0.19	01-26-02/5:19PM	RWF
Iron, mg/L as Fe	3.73	01-28-02/1:21PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Environmental Engineering and Consulting ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 23, 2002
Date Analyzed:	January 26, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020124.45
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	January 23, 2002
Date Analyzed:	January 26, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK/SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	020124.46
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Environmental Engineering and Consulting ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 23, 2002
Date Analyzed:	January 29, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020124.51
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL C.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 1/23/02

Sampled By: DRC; CK; SG

Sample Site: Col. Blvd. Hwy Montgomery AL.

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammas
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/23/02	11:30a	Location 34 20-24'	Aq	X		3	HCl	VOC
	11:27a	Location 34 20-24'	Aq	X		1	HNO_3	Fe(II)
	11:27a	Location 34 20-24'	Aq	X		1	None	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
	10:40a	Geo 66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	10:20a	Geo 54 Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq	✓		3	HCl	VOC
	11:20a	DZ1 @ 37' BLS	Soil	✓		4	ICE	
	11:35a	DZ1 @ 79.5' BLS	↓	✓		4	↓	
	12:50p	DZ1 @ 94' BLS	↓	✓		4	↓	
↓		Rinse	Aq	✓		3	HCl	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 Steve J. Grammas 1/23/02; 4:30p	1
2	2
3	3

SHIPPING DETAILS

Air Bill #: 853338881457

Method of Shipment: FedEx

Received By Lab:

Date/Time 01/24/02 1050

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Date Analyzed:	January 31, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Soil
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 36 9'
TTL Lab Number:	020125.105
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Date Analyzed:	January 30 and 31, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 36 22-26'
TTL Lab Number:	020125.104
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	5.0	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.1	J
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	496	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #36 @ 22' - 26'
TTL Lab Number:	020125.107-108
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	<1.0	01-28-02/10:25AM	LFW
Chloride, mg/L as Cl	6.24	01-26-02/6:56PM	RWF
Nitrate, mg NO_3^--N/L	2.74	01-26-02/6:56PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/6:56PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-26-02/6:56PM	RWF
Iron, mg/L as Fe	2.01	01-28-02/2:23PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (1" Rod)
TTL Lab Number:	020125.102
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020125.103
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 24, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020125.106
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: MACTEC Cooper's Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/24/02

Sampled By: CLC; DRC

Sample Site: Coliseum Blvd Plume Montgomery AL

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Fed Ex
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/24/02	10:40am	Geo54 Rinse (1" Rod)	Aq	X		3	HCl	VOC
	10:22am	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	9:56am	Location 36 22-26'	Aq	X		3	HCl	VOC
	9:54am	Location 36 22-26'	Aq	X		1	HNO_3	Fe (II)
	9:54am	Location 36 22-26'	Aq	X		1	NONE	Nitrate, Nitrite, sulfate, chlorides, Alkalinity
	9:10am	Location 36 9'	Solid	X		4	None	VOC
		Blanks	Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. 1/24/02 6:30pm
2. 1/25/02 6:45pm
3. 1/25/02; 9:10p

Received by (signed) Date/Time

1. 1/24/02 6:30pm
2. 1/25/02; 7:35A
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 012502 1610

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 25, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC/SM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 35 24-28'
TTL Lab Number:	020125.111
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	2.9	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	6.6	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	85.8	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 25, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK, DRC & SCM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #35 @ 24' - 28'
TTL Lab Number:	020125.117-118
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	1.2	01-28-02/10:25AM	LFW
Chloride, mg/L as Cl	9.89	01-26-02/7:12PM	RWF
Nitrate, mg NO_3^--N/L	1.42	01-26-02/7:12PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	01-26-02/7:12PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-26-02/7:12PM	RWF
Iron, mg/L as Fe	2.32	01-28-02/2:26PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 25, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC/SM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (1" Rod)
TTL Lab Number:	020125.109
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 25, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC/SM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020125.110
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	January 25, 2002
Date Analyzed:	January 30, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020125.116
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL, Inc.
Chain of Custody Form

Sheet 1 of 1

Client: Maxwell Cooper & Gale
Contact: Steve Gramas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 1/25/02
Sampled By: CLK; DRC; SM
Sample Site: Coliseum Blvd Plume Montgomery, AL
TTL Job No.: 020-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/25/02	10:07am	Location 35 24-28'	Aq	X		1	HNO_3	Fe (II)
	10:07am	Location 35 24-28'	Aq	X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity
	9:36am	Geo54 Rinse (1" Rod)	Aq	X		3	HCl	VOC
	10:12am	Location 35 24-28'	Aq	X		3	HCl	VOC
	8:38am	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	10:45am	TW1-25-02-3	Aq	X		4	HCl	VOC
	10:40am	TW1-25-02-1	Aq	X		4	HCl	VOC
		Blanks	Aq			3	HCl	VOC
1/25/02	11:15a	D23 @ 71' BLS	Soil	✓		1	ICE	
	11:20a	D23 @ 86' BLS	Soil	✓		1	ICE	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 1/25/02; 2:15p
2 1/25/02 4:10p
3

Received by (signed) Date/Time
1 1/25/02; 2:15p
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 012502 1610

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

January 16, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac Street
Montgomery, AL 36106-2815

Re: Laboratory Project No. 21000
ETR: 86148; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on January 10, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 1/10/02 ETR No: 86148		
474452	LOCATION 28 28'-32'	01/08/02	Aqueous
474453	LOCATION 21 44-48'	01/07/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page _____.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The Laboratory Director or his designee, as verified by the following signature has authorized the release of the data contained in this hardcopy data package.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

MFW/cjc/jm1
Enclosure

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 01/16/02
ETR Number : 86148
Project No.: 21000
No. Samples: 2
Arrived : 01/10/02

Case:22000 SDG:86148

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
474452	LOCATION 28 28'-32':01/08/02 @0948(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
474453	LOCATION 21 44-48':01/07/02 @0910(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Mayers, Cooper, Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: (205) 345 0816
Date: 1/8/02
Sampled By: DRL
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-074 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/8/02	9:48	Location 28 28 37	AQ			2	1:1	Methane, Ethane, Ethene

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 David R. Carroll 1/8/02 4:45
2 Ken Call Keranen to lab 1-8-02 5:00pm
3

Received by (signed) Date/Time
1 Ken Call Keranen 1-8-02 4:45
2 Dorothy Vanslette 1/10/02 0930
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time

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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Hold for

TTL IC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gramas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa Al. 35401

Phone No.: (205) 345-0816

Date: 1/7/02

Sampled By: CLR

Sample Site: Coliseum Blvd. Plume Montgomery Al.

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___ ; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/7/02	9:10am	Location 21 44-48'	Ag	x		2	HCl	Methane, Methene, Ethane

0004

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 1/7/02 6:30pm
2. ___
3. ___

Received by (signed) Date/Time

1. To Montgomery Lab 1/7/02 6:30pm
2. Dorothy Vondette Victor 09:30
3. ___

SHIPPING DETAILS

Air Bill #: ___

Method of Shipment: ___

Received By Lab: ___

Date/Time ___

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

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SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

T5LCS

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix: (soil/water) WATER Lab Sample ID: T5LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 10JAN021314-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	260	
74-84-0	Ethane	540	
74-85-1	Ethene	440	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

T5LCSD

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix: (soil/water) WATER Lab Sample ID: T5LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 10JAN021314-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	300	
74-84-0	Ethane	590	
74-85-1	Ethene	480	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

ABLKT5

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix: (soil/water) WATER Lab Sample ID: ABLKT5

Sample wt/vol: _____ (g/mL) ML Lab File ID: 10JAN021314-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/10/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION28

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix: (soil/water) WATER Lab Sample ID: 474452

Sample wt/vol: _____ (g/mL) ML Lab File ID: 10JAN021352-R011

Level: (low/med) LOW Date Received: 01/10/02

% Moisture: not dec. _____ Date Analyzed: 01/10/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION21

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix: (soil/water) WATER Lab Sample ID: 474453

Sample wt/vol: _____ (g/mL) ML Lab File ID: 10JAN021352-R021

Level: (low/med) LOW Date Received: 01/10/02

% Moisture: not dec. _____ Date Analyzed: 01/10/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Matrix Spike - STLVT Sample No.: T5LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		260	84	70-130
Ethane	600		540	90	70-130
Ethene	510		440	86	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	300	97	14	30	70-130
Ethane	600	590	98	8	40	70-130
Ethene	510	480	94	9	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKT5

Lab Name: STL BURLINGTON Contract: 21000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86148

Lab File ID: 10JAN021314-R031 Lab Sample ID: ABLKT5

Date Analyzed: 01/10/02 Time Analyzed: 1333

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	T5LCS	T5LCS	10JAN021314-	1326
02	T5LCSD	T5LCSD	10JAN021314-	1329
03	LOCATION28	474452	10JAN021352-	1433
04	LOCATION21	474453	10JAN021352-	1436
05				
06				
07				
08				
09				
10				
11				
12				
13				
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22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

January 29, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86303; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on January 24, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/24/02 ETR No: 86303		
475505	Location 9R 54-58'	01/17/02	Aqueous
475506	Location 31 22-26'	01/18/02	Aqueous
475507	Location 31 42-46'	01/18/02	Aqueous
475508	Location 24 42-46'	01/11/02	Aqueous
475509	Location 30 24-25.5'	01/15/02	Aqueous
475510	Location 34 20-24'	01/23/02	Aqueous
475511	Location 33 42-46'	01/22/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 022.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/kag/jm1
Enclosure

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES

STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 01/28/02
ETR Number : 86303
Project No.: 22000
No. Samples: 7
Arrived : 01/24/02

Case:22000 SDG:86303 Job:Blank

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
475505	Location 9R 54-58':01/17/02 @1025(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
475506	Location 31 22-26':01/18/02 @1020(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
475507	Location 31 42-46':01/18/02 @1423(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
475508	Location 24 42-46':01/11/02 @1140(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
475509	Location 30 24-25.5':01/15/02 @1049(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Cont. Next Page >

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 01/28/02
ETR Number : 86303
Project No.: 22000
No. Samples: 7
Arrived : 01/24/02

Case:22000 SDG:86303 Job:Blank

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
475510	Location 34 20-24':01/23/02 @1132(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
475511	Location 33 42-46':01/22/02 @1446(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Hammond

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 1/17/02

Sampled By: CK

Sample Site: Coliseum Blvd. Pine Montgomery, AL

TTL Job No.: 020-021 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/17	10:25am	Location 9R (54-58')	Ag	X		2	HCl	Methane Methane Ethane

3004

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	1/17/02 6:20pm	Montgomery Lab 1/17/02 6:20pm
2	FROM MONTG LAB →	1/23/02 11:00 AM
3	1/23/02 12:40 PM	1/24/02 10 00

SHIPPING DETAILS

Air Bill #:

Method of Shipment: FED EX

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maxwell Corp - Gen
Contact: Steve Connor
Mailing Address: 700 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: (205) 345-0816
Date: 1/18/02
Sampled By: C Kilgore
Sample Site: Citronelle Rd. Plant Montgomery, AL
TTL Job No.: 02-00124 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: C/C
3. Initial Contents Temp.: ice °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/18/02	12:00	Location 21 22 22	SO	-		2	HCl	BTEX + MTBE + Naph
1/18/02	2:45p	Location 21 47 46	SO	-		2	HCl	BTEX + MTBE + Naph

0005

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. David K. Powell 1/18/02
2. Megan Dalby Cameron tombu/ Late 1-18-02 4:17pm
3. Michael Riley 1/23/02 12:40 PM

Received by (signed) Date/Time

1. Megan Dalby Cameron 1-18-02 4:05pm
2. Michael Riley 1/23/02 11:00 AM
3. A. Smith 1/24/02 1000

SHIPPING DETAILS

Air Bill #:
Method of Shipment: FEX EX
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TEN FOT STL

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 1/11/02
Sampled By: CLK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/11	11:40am	Location 24 (42-46'	Aq	X		~~2~~ 1	HCl	Methane, Methene, ethane

0006

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 1/11/02 2:00pm
2 FROM MONTG. LAB →
3 [signature] 1/23/02 12:46 PM

Received by (signed) Date/Time
1 [signature] 1/11/02 2:00
2 [signature] 1/23/02 11:00 AM
3 [signature] 1/24/02 1000

SHIPPING DETAILS

Air Bill #:
Method of Shipment: FED EX
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: [illegible]

Contact: [illegible]

Mailing Address: [illegible]

City, State, Zip: [illegible]

Phone No.: [illegible]

Date: [illegible]

Sampled By: [illegible]

Sample Site: [illegible]

TTL Job No.: [illegible]

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/15/02	[illegible]	[illegible]	Air			2	ICE	[illegible]

3337

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [illegible] 1/15/02 6:00pm
2. ____
3. [illegible] 1/23/02 11:40 AM

Received by (signed) Date/Time

1. [illegible] 1/15/02 6:00pm
2. [illegible] FROM MONITOR LAB 1/23/02 11:40AM
3. [illegible] 1/24/02 1000

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: FEDEX

Received By Lab: ____

Date/Time ____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maywood Cooper & Gale

Contact: Steve Cramer

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa Al.

Phone No.: (205) 345-0816

Date: 1/23/02

Sampled By: DRC

Sample Site: Coliseum Blvd. Plus Montgomery, Al

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/23	11:32am	Location 34 20-24'	Ag	X		2	HCl	Methane, methane, ethane

2008

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 David M Crumly 1/23/02 11:??

2 Michael A Roberts 1/23/02 12:40 PM

3

Received by (signed) Date/Time

1 Michael A Roberts 1/23/02 12:08 PM

2 Myra Sisk 1/24/02 1000

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: FED EX

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TT NC.

Chain of Custody Form

Sheet 1 of 1

Client: [illegible]

Contact: [illegible]

Mailing Address: [illegible]

City, State, Zip: [illegible]

Phone No.: [illegible]

Date: 1/22/02

Sampled By: DLC

Sample Site: [illegible]

TTL Job No.: [illegible] **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: _____
2. Sealed for Shipping By: CP
3. Initial Contents Temp.: _____ °C Seal Applied Yes ✓ No _____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes _____ No _____
6. Condition of Contents: _____
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____ ; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/22/02	7:00	LOCATION 33 UP WIND	SOIL	X		2	ICE	VOC + 10 Highest Peaks

6003

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [illegible] 1/23/02

2 [illegible] 1/23/02 12:40PM

3 _____

Received by: (signed) Date/Time

1 [illegible] 1/23/02 11:00 AM

2 [illegible] 1/24/02 1000

3 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: FEDEX

Received By Lab: _____

Date/Time _____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_9R_54-58

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475505

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R011

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	14	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.2	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_31_22-26

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475506

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R021

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_31_42-46

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475507

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R031

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_24_42-46

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475508

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R041

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
30_24-25_5

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475509

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R051

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_34_20-24

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475510

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R061

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.3	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION
_33_42-46

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: 475511

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021435-R071

Level: (low/med) LOW Date Received: 01/24/02

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

U6LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: U6LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021359-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	310	
74-84-0	Ethane	570	
74-85-1	Ethene	530	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

U6LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: U6LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021359-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	310	
74-84-0	Ethane	560	
74-85-1	Ethene	520	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKU6

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix: (soil/water) WATER Lab Sample ID: ABLKU6

Sample wt/vol: _____ (g/mL) ML Lab File ID: 24JAN021359-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/24/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Matrix Spike - Sample No.: U6LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		310	100	70-130
Ethane	600		570	95	70-130
Ethene	510		530	104	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	310	100	0	30	70-130
Ethane	600	560	93	2	40	70-130
Ethene	510	520	102	2	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKU6

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86303

Lab File ID: 24JAN021359-R031 Lab Sample ID: ABLKU6

Date Analyzed: 01/24/02 Time Analyzed: 1420

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	U6LCS	U6LCS	24JAN021359-	1413
02	U6LCSD	U6LCSD	24JAN021359-	1417
03	LOCATION_9R_	475505	24JAN021435-	1503
04	LOCATION_31_	475506	24JAN021435-	1506
05	LOCATION_31_	475507	24JAN021435-	1510
06	LOCATION_24_	475508	24JAN021435-	1513
07	LOCATION_30_	475509	24JAN021435-	1521
08	LOCATION_34_	475510	24JAN021435-	1527
09	LOCATION_33_	475511	24JAN021435-	1531
10				
11				
12				
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28				
29				
30				

COMMENTS:

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

February 4, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86351; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on January 30, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/30/02 ETR No: 86351		
475812	Location 35 (24-28')	01/25/02	Aqueous
475813	Location 36 (22-26')	01/24/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0012.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/kag/jm1
Enclosure

STL Burlington is a part of Severn Trent Laboratories, Inc.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.
Montgomery, AL 36106

Attn: Cheryl Reeves

Case: 22000 SDG:86351

Date : 02/06/2002
ETR Number : 86351
Project Number : 22000
Arrived : 01/30/2002
PO Number :

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter			Result
475812	Location 35 (24-28') :	01/25/2002 @ 1011	(Aqueous)	
	RSK-175 1	Methane		C
	RSK-175 2	Ethane		C
	RSK-175 3	Ethene		C
475813	Location 36 (22-26') :	01/24/2002 @ 0954	(Aqueous)	
	RSK-175 1	Methane		C
	RSK-175 2	Ethane		C
	RSK-175 3	Ethene		C

Submitted By: 0002 STL Burlington

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION35

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix: (soil/water) WATER Lab Sample ID: 475812

Sample wt/vol: _____ (g/mL) ML Lab File ID: 31JAN020937-R041

Level: (low/med) LOW Date Received: 01/30/02

% Moisture: not dec. _____ Date Analyzed: 01/31/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION36

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix: (soil/water) WATER Lab Sample ID: 475813

Sample wt/vol: _____ (g/mL) ML Lab File ID: 31JAN020937-R051

Level: (low/med) LOW Date Received: 01/30/02

% Moisture: not dec. _____ Date Analyzed: 01/31/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

ABLKV8

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix: (soil/water) WATER Lab Sample ID: ABLKV8

Sample wt/vol: _____ (g/mL) ML Lab File ID: 31JAN020937-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

V8LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix: (soil/water) WATER Lab Sample ID: V8LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 31JAN020937-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	280	
74-84-0	Ethane	520	
74-85-1	Ethene	490	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

V8LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix: (soil/water) WATER Lab Sample ID: V8LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 31JAN020937-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/31/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	250	
74-84-0	Ethane	470	
74-85-1	Ethene	440	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Matrix Spike - STLVT Sample No.: V8LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	310		280	90	70-130
Ethane	600		520	87	70-130
Ethene	510		490	96	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	310	250	81	10	30	70-130
Ethane	600	470	78	11	40	70-130
Ethene	510	440	86	11	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

ABLKV8

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86351

Lab File ID: 31JAN020937-R031 Lab Sample ID: ABLKV8

Date Analyzed: 01/31/02 Time Analyzed: 0953

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V8LCS	V8LCS	31JAN020937-	0947
02	V8LCSD	V8LCSD	31JAN020937-	0950
03	LOCATION35	475812	31JAN020937-	1018
04	LOCATION36	475813	31JAN020937-	1022
05				
06				
07				
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30				

COMMENTS:

SIL

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Shumaas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa Al. 35401

Phone No.: (205) 345-0816

Date: 1/25/02

Sampled By: CLK; NRC

Sample Site: Coliseum Blvd. Plume Montgomery Al.

TTL Job No.: 0200-0241 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: I.C. F °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/25/02	10:11am	Location 35 (24-28')	Aq	X		2	HCl	Methane; methane; Ethane
0011				1				

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 1/25/02 3:23pm

2 1/29/02 5pm

3 ____

Received by (signed) Date/Time

1 1/25/02 3:23pm

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: 823966855254

Method of Shipment: Fed Ex

Received By Lab: TBS Brown

Date/Time 1/30/02 0916

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

HOLD FOR [illegible]

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 1/24/02

Sampled By: DRC

Sample Site: Coliseum Blvd. Plume Montgomery AL

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Dan
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/24/02	9:55am	Location 36 22-26'	Ag	X		2	HCl	Methane, Methane, Ethane
0012								

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/24/02 6:30pm

2 [signature] 1-25-02 5 P...

3 ____

Received by (signed) Date/Time

1 Montgomery Lab 1/24/02 6:30pm

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: 823506855254

Method of Shipment: FedEx

Received By Lab: [signature]

Date/Time 1/30/02 0940

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, .C.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 1/8/02

Sampled By: DRC/CK

Sample Site: COLISEUM BLVD PLUME

TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: GOOD
2. Sealed for Shipping By: LR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/8/02	9:45	LOC. 28 28'-32'	LIQ	✓		1		Nitrate, Nitrite, sulfate, alkalinity, chlorides
1/8/02	9:45	LOC. 28 28'-32'		✓		1	HNO_3	Fe(II)
1/8/02	9:47	LOC. 28 28'-32'		✓		3	HCL	VOC
1/8/02	12:58	Geo 66 Rinse (1½" 4' ROD)		✓		3	HCL	VOC
1/8/02	16:30	Geo 54 Rinse large bore Sampler		✓		3	HCL	VOC
1/8/02		BLANKS		✓		3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. David R. Cargill 1/9/02 8:43A
2. [signature] 1/9/02 9:55AM
3. ____

Received by (signed) Date/Time

1. [signature] 1/9/02 8:43AM
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: 3001484750

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 01/08/02 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gremmas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/11/02

Sampled By: CK; SG

Sample Site: Coliseum Blvd Plume Montgomery AL

TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/11	11:40am	Location 24 (42-46')	Ag	x		3	HCl	VOC
	11:15am	Rinse (4' Rod)	Ag	x		3	HCl	VOC
	7:40am	Rinse (Probe Rod)	Ag	x		3	HCl	VOC
	11:35am	Location 24 (42-46')	Ag	x		1	HNO_3	Fe (II)
	11:35am	Location 24 (42-46')	Ag	x		1	—	Nitrate; Nitrite; Sulfate; Alkalinity; Chlorides
		Blanks	Ag	x		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 1/11/02 3:50pm

2 1/11/02 6:00pm

3

Received by (signed) Date/Time

1 1/11/02; 3:52pm

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 01102 6:04pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, ..C.

Chain of Custody Form

Sheet 1 of ____

Client: Maynard, Cooper, Gayle

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL

Phone No.: (205) 345-0816 35401

Date: 1/15/02

Sampled By: DRC/CK

Sample Site: Coliseum Blvd. Plume, Montgomery, AL

TTL Job No.: 0700-024

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/15/02	10:42	LOCATION 30 24-25.5'	AQ	—		1	ICE	Nitrate, Nitrite, Sulfate, Alkalinity, chlorides
	10:42	LOCATION 30 24-25.5'		—		1	HNO_3	Iron (II)
	10:47	LOCATION 30 24-25.5'		—		3	HCL	VOC
	11:59	Geo 54 Rinse		—		3	HCL	VOC
	12:50	Geo 66 Rinse 4' ROD		—		3	HCL	VOC
		BLANKS		—		3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 David R. Canoll 1/15/02 6:00pm

2 ____

3 ____

Received by (signed) Date/Time

1 [signature] 1/15/02 6:00pm

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: 3001571144

Method of Shipment: Bus

Received By Lab: [signature]

Date/Time 011602 4:25

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4250 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6868

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maylead Cooper & Cole

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa Al 35401

Phone No.: (205) 345-0816

Date: 1/17/02

Sampled By: CLK; DRC

Sample Site: Coliseum Blvd. Annex Montgomery Al.

TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/16	12:40p	Geo54 Rinse (Wooden Rod)	Aq	X		3	HCl	VOC
1/17	8:45a	Geo54 Rinse (Grout Rod)	Aq	X		3	HCl	VOC
1/16	8:45a	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
1/17	9:00a	Geo 66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
1/17	10:20a	Location 9R (54-58')	Aq	X		1	None	Nitrate; Nitrite; Sulfides; Chlorides; Alk.
1/17	10:20a	Location 9R (54-58')	Aq	X		1	HNO_3	Fe (II)
		Blank	Aq			3	HCl	VOC
1/17	10:25a	Location 9R (54-58')	Aq	X		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 1/17/02 10:40a

2 1/17/02 2:30p

3

Received by (signed) Date/Time

1 1/17/02; 10:40a

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 011702 1430

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, .C.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/18/02

Sampled By: CLC; DRC

Sample Site: Coliseum Blvd. Plume Montgomery AL.

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/18	8:40a	Geo 66 Rinse (4' Rod) ✓	Aq	X		3	HCl	VOC
	4:50p	Geo 54 Rinse (1" 4' Rod) ✓	Aq	X		3	HCl	VOC
	10:17a	Location 31 (22-26') ✓	Aq	X		3	HCl	VOC
	10:15a	Location 31 (22-26') ✓	Aq	X		1	HNO_3	Fe(II)
✓	10:15a	Location 31 (22-26') ✓	Aq	X		1	None	Nitrite, Nitrate, Chlorides, Sulfates, Alkalinity
		Blanks ✓	Aq			3	HCl	VOC
	2:38p	LOCATION 31 42-46' ✓	AQ	X		1	None	Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity
	2:38p	LOCATION 31 42-46' ✓	Aq	X		1	HNO_3	Fe(II)
	2:41p	LOCATION 31 42-46' ✓	AQ	X		3	HCL	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. David R. Carroll 1/19/02
2. Cynthia Vaughn for Heather 1-18-02 4:45pm
3. Michael A. Kelly 1/21/02 6:20PM

Received by (signed) Date/Time

1. Cynthia Vaughn 1-18-02 4:05
2. Michael A. Kelly 1/21/02 5:45PM
3.

SHIPPING DETAILS

Air Bill #: 3001648133

Method of Shipment: BLS

Received By Lab:

Date/Time 01/22/02 4:15pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, Inc.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No. (205) 345-0916

Date: 1/22/02

Sampled By: Steve Grammas / David Carroll / Chris Kratzbender

Sample Site: Coliseum Blvd. Plume, Montgomery, AL

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammas
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good & Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/22/02	9:45 am	DZ 2 @ 8' BLS	Soil	✓		4	Ice	VOCs
	10:00 am	DZ 2 @ 20' BLS	Soil	✓		4	Ice	
	12:50 pm	Rinse (Core Rod/Bit)	Aq	✓		3	HCl, Ice	
	2:45 pm	DZ4 @ 35' BLS	Soil	✓		4	Ice	
	3:50 pm	DZ4 @ 55' BLS	Soil	✓		4	Ice	
	8:15 pm	Rinse (Geo. 66 - 4' Rod)	Aq	✓		3	HCl, Ice	
	9:15 am	Rinse (Geo. 54 - 4' Rod)		✓		3		
↓		BLANK	↓	✓		3	↓	↓
	2:44 pm	Location 33 @ 42-46'	↓	✓		3	HCl, Ice	
	2:44 pm	Location 33 @ 42-46'	↓	✓		2	HNO_3, Ice	TAL, Nitrate, Nitrite, Sulfate, chloride, alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 1/22/02; 5:15 pm
2.
3.

Received by (signed) Date/Time

1.
2.
3.

SHIPPING DETAILS

Air Bill #: 825333881593

Method of Shipment: FedEx

Received By Lab: [signature]

Date/Time 012302 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 1/23/02

Sampled By: DRC; CK; SG

Sample Site: Col. Blvd. Hwy Montgomery AL.

TTL Job No.: 0700-024 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammas
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No ____
4. Sampling Status (Complete) Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: _____
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/23/02	11:30am	Location 34 20-24'	Aq	X		3	HCl	VOC
	11:27am	Location 34 20-24'	Aq	X		1	HNO_3	Fe(II)
	11:27am	Location 34 20-24'	Aq	X		1	None	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
	10:40am	Geo 66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	10:20am	Geo 54 Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq	✓		3	HCl	VOC
	11:20am	DZ1 @ 37' BLS	Soil	✓		4	ICE	
	11:35am	DZ1 @ 79.5' BLS	↓	✓		4	↓	↓
	12:50pm	DZ1 @ 94' BLS	↓	✓		4	↓	↓
↓		Rinse	Aq	✓		3	HCl	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 Steve J. Grammas 1/23/02; 4:30pm	1 _____
2 _____	2 _____
3 _____	3 _____

SHIPPING DETAILS

Air Bill #: 853338811457

Method of Shipment: FedEx

Received By Lab: _____

Date/Time 01/24/02 1050

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, Inc.

Chain of Custody Form

Sheet 1 of 1

Client: McWood Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/24/02

Sampled By: CLS, DRC

Sample Site: Coliseum Blvd. Plume Montgomery AL.

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good ice
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/24/02	10:10am	Geo54 Rinse (1" Rod)	Aq	X		3	HCl	VOC
	10:22am	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	9:56am	Location 36 22-26'	Aq	X		3	HCl	VOC
	9:54am	Location 36 22-26'	Aq	X		1	HNO_3	Fe (II)
	9:54am	Location 36 22-26'	Aq	X		1	NONE	Nitrate, Nitrite, Sulfate, Chlorides, Alkalinity
	9:10am	Location 36 9'	Solid	X		4	None	VOC
↓		Blanks	Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. 1/24/02 6:30pm
2. 1/25/02 6:45pm
3. 1/25/02; 4:10p

Received by (signed) Date/Time

1. 1/24/02 6:30pm
2. 1/25/02; 7:30am
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 01/25/02 1610

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, C.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gammons

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 1/25/02

Sampled By: CLK; DRC; SM

Sample Site: Coliseum Blvd. Plume Montgomery, AL

TTL Job No.: 020-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/25/02	10:07am	Location 35 24-28'	Aq	X		1	HNO_3	Fe (II)
	10:07am	Location 35 24-28'	Aq	X		1	None	Nitrate, Nitrite, Sulfates; Chlorides; Alkalinity
	9:36am	Geo54 Rinse (1" Rod)	Aq	X		3	HCl	VOC
	10:12am	Location 35 24-28'	Aq	X		3	HCl	VOC
	8:38am	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	10:45am	TW1-25-02-3	Aq	X		4	HCl	VOC
	10:40am	TW1-25-02-1	Aq	X		4	HCl	VOC
		Blanks	Aq			3	HCl	VOC
1/25/02	11:15a	DZ3 @ 71' BLS	Soil	✓		4	ICE	
	12:00p	DZ3 @ 86' BLS	Soil	✓		4	ICE	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. 1/25/02; 2:45p
2. 1/25/02 4:19p
3.

Received by (signed) Date/Time

1. 1/25/02; 2:45p
2.
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 012502 1610

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 14R (44-48')
TTL Lab Number:	020221.3
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	5.7	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020221.4
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DRC & CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #14R @ 44' - 48'
TTL Lab Number:	020221.05-06
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	8.5	02-26-02/9:33AM	LFW
Chloride, mg/L as Cl	4.30	02-25-02/10:46AM	RWF
Nitrate, mg NO_3^--N/L	2.32	02-25-02/10:46AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	02-25-02/10:46AM	RWF
Sulfate, mg/L as SO_4	<0.50	02-25-02/10:46AM	RWF
Iron, mg/L as Fe	26.2	02-25-02/12:26PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Date Analyzed:	February 22, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse Grout Rod
TTL Lab Number:	020221.1
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Date Analyzed:	February 22, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020221.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 20, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020221.4
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: MAYNARD, COOPER, + GALE

Contact: STEVE GRAMAS

Mailing Address: 3516 GREENSBORO AVE

City, State, Zip: TUSCALOOSA, AL 35401

Phone No.: 205-345-0816

Date: 2/20/02

Sampled By: D.R. CARROLL / C. KRAFCHECK

Sample Site: COLISEUM BLVD. PLUME, MONTGOMERY, AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/20/02	3:48p	Geo 54 Rinse Grout Rod	Aq	G		3	HCl/Ice	VOC's
	2:00p	Geo 66 Rinse (4' Rod)	Aq	X		3	HCl/Ice	VOC
	3:55p	Location 14R (48-44')	Aq	X		3	HCl/Ice	VOC
	3:50p	Location 14R (48-44')	Aq	X		1	HNO_3	Fe(II)
	3:50p	Location 14R (48-44')	Aq	X		1	None	Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity
		Blanks	Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by (signed) Date/Time

1 2/20/02 4:07pm

2 2/21/02 8:08p

3

Received by (signed) Date/Time

1 2/21/02 4:02p

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment Hand

Received By Lab: L Darnell

Date/Time 8:45am 2-21-02

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Loma Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	February 21, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 23R 56-60'
TTL Lab Number:	020222.690
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 21, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #23R @ 56' - 60'
TTL Lab Number:	020222.693-694
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.9	02-26-02/9:33AM	LFW
Chloride, mg/L as Cl	1.73	02-26-02/3:10AM	RWF
Nitrate, mg NO_3^--N/L	<0.10	02-26-02/3:10AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	02-26-02/3:10AM	RWF
Sulfate, mg/L as SO_4	2.18	02-26-02/3:10AM	RWF
Iron, mg/L as Fe	6.84	02-25-02/12:04PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 21, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (Grout Rod)
TTL Lab Number:	020222.689
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	February 21, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020222.691
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 21, 2002
Date Analyzed:	February 23, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020222.692
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gramman

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc. Al. 35401

Phone No.: (205) 345-0816

Date: 2/22/02

Sampled By: CLK ; DC

Sample Site: Montgomery Al

TTL Job No.: 020-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/22/02	3:10pm	Geo 54 Rinse (Grout Rod)	Aq	X		3	HCl	VOC
	4:20pm	Location 23R 56-60'	Aq	X		3	HCl	VOC
	5:32pm	Geo 6C Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
	4:17pm	Location 23R 56-60'	Aq	X		1	HNO_3	Fe (II)
	4:17pm	Location 23R 56-60'	Aq	X		1	None	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 To Montgomery Lab 2/22/02 7:00pm

2 2/22/02 4:00PM

3

Received by: (signed) Date/Time

1 2/22/02 8:00AM

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 2/22/02 535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 30R (40-44')
TTL Lab Number:	020226.7
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	186	
Methylene Chloride	2.1	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	4.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	50.4	
Benzene	1.0	U
1,2-Dichloroethane	1.2	J
Trichloroethylene	549	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.7	J
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020226.8
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	2.0	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #30R @ 40' - 44'
TTL Lab Number:	020226.09-10
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	3.6	02-26-02/9:33AM	LFW
Chloride, mg/L as Cl	11.0	03-05-02/12:39PM	RWF
Nitrate, mg NO_3^--N/L	11.3	03-05-02/12:39PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	02-28-02/4:55PM	RWF
Sulfate, mg/L as SO_4	0.74	02-28-02/4:55PM	RWF
Iron, mg/L as Fe	6.75	02-27-02/7:59AM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020226.5
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	2.3	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (Grout Rod)
TTL Lab Number:	020226.6
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	2.2	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 22, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020226.8
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	2.0	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 2/22/02
Sampled By: CK; AC
Sample Site: Coliseum Blvd. Plume Montgomery Al
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: SD
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good Ice
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/22	9:35	Geo 66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	12:00	Geo 54 Rinse (Grout Rod)	Aq	X		3	HCl	VOC
	11:50	Location 30R (40-44')	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
	11:45	Location 30R (40-44')	Aq	X		1	HNO_3	Fe(II)
	11:45	Location 30R (40-44')	Aq	X		1	None	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Christy L. Kyle; 2/22/02; 1:57 pm To Montgomery Lab
2 2/25/02 5:45pm
3

Received by (signed) Date/Time
1 2/25/02 4:45pm
2
3

SHIPPING DETAILS

Air Bill #: 300217199
Method of Shipment: FEDEX
Received By Lab:
Date/Time 022602 0830

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 25, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020226.3
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 25, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020226.4
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gramas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 2/25/02

Sampled By: CLK

Sample Site: Osborn Blvd. Plume

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BB
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/25	1145pm	GeoProbe Rinse (4' Rod) Blanks	Aq	X		3	HCl	VOC
			Aq			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	To	Received by (signed) Date/Time
1	2/25/02 4:00pm	Mark	2/25/02 4:45pm
2	2/25/02 5:25pm		
3			

SHIPPING DETAILS

Air Bill #: 30021 71799

Method of Shipment: UPS

Received By Lab:

Date/Time 022602 0830

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 29R 37-41'
TTL Lab Number:	020228.146
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	111	
Methylene Chloride	2.5	U
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	3.3	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	36.7	J
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	630	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK & DRC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #29R @ 37' - 41'
TTL Lab Number:	020301.336-337
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	6.7	03-01-02/9:37AM	LFW
Chloride, mg/L as Cl	12.9	03-06-02/5:31PM	RWF
Nitrate, mg NO_3^--N/L	10.6	03-06-02/5:31PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-05-02/10:35AM	RWF
Sulfate, mg/L as SO_4	<0.50	03-05-02/10:35AM	RWF
Iron, mg/L as Fe	3.82	03-04-02/3:06PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	020228.144
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020228.145
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020228.147
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, Inc.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Gramma S
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 2/26/02
Sampled By: CLK; DRC
Sample Site: Coliseum Blvd. Plume

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/26	4:35pm	Geo54 Rinse (4' Rod)	Ag	X		3	HCl	VOC
	1:45pm	Geo66 Rinse (4' Rod)	Ag	X		3	HCl	VOC
	10:45am	Location 29R 37-41'	Ag	X		3	HCl	VOC
		Blanks	Ag			3	HCl	VOC
	10:40am	Location 29R 37-41'	Ag	X		1	None	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity
	10:40am	Location 29R 37-41'	Ag	X		1	HNO_3	Fe (II)

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Tonight's Lab — Received by (signed) Date/Time

1 2/26/02 6:30pm — 1 2/28/02 9:00AM
2 2/28/02 12:40AM — 2
3 — 3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 022802 1340

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Soil
Sampled By:	TTL Personnel (DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 9'
TTL Lab Number:	20301.31
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/kg	FLAG
Chloromethane	3.0	U
Vinyl Chloride	3.0	U
Chloroethane	3.0	U
Trichlorofluoromethane	3.0	U
1,1-Dichloroethene	3.0	U
Methylene Chloride	3.0	U
Trans-1,2-Dichloroethene	3.0	U
1,1-Dichloroethane	3.0	U
Cis-1,2-Dichloroethene	3.0	U
Chloroform	3.0	U
1,1,1-Trichloroethane	3.0	U
Carbon Tetrachloride	3.0	U
Benzene	3.0	U
1,2-Dichloroethane	3.0	U
Trichloroethylene	3.0	U
1,2-Dichloropropane	3.0	U
Bromodichloromethane	3.0	U
Cis-1,3-Dichloropropene	3.0	U
Toluene	3.0	U
Trans-1,3-Dichloropropene	3.0	U
1,1,2-Trichloroethane	3.0	U
Tetrachloroethylene	3.0	U
Dibromochloromethane	3.0	U
Chlorobenzene	3.0	U
1,1,1,2-Tetrachloroethane	3.0	U
Ethylbenzene	3.0	U
M,P-Xylenes	3.0	U
O-Xylene	3.0	U
Bromoform	3.0	U
1,1,2,2-Tetrachloroethane	3.0	U
1,3-Dichlorobenzene	3.0	U
1,4-Dichlorobenzene	3.0	U
1,2-Dichlorobenzene	3.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

* Results reported on a wet-weight basis.

TT. NC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammer

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 2/28/02

Sampled By: DRC

Sample Site: Col. Blvd. Plume

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: FCL
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: (Complete) Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: good
7. Comments: FCL
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/28/02	9:30	Loc. 38 9'	Solid	X		1	None	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by (signed) Date/Time

1 [signature] 2/28/02 2:00pm

2 ___

3 ___

Received by (signed) Date/Time

1 ___

2 ___

3 ___

SHIPPING DETAILS

Air Bill #: 300222 2505

Method of Shipment: UPS

Received By Lab: [signature]

Date/Time 030102 1405

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 20-24'
TTL Lab Number:	020301.312
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	2.3	J
Methylene Chloride	1.7	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	259	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 24-28'
TTL Lab Number:	020301.313
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	8.7	J
Methylene Chloride	5.3	B
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	2.5	U
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	515	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 28-32'
TTL Lab Number:	020301.314
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	14.1	J
Methylene Chloride	7.5	B
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	5.0	U
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	746	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7 and 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 32-36'
TTL Lab Number:	020301.315
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	39.0	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.2	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	9.3	J
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	237	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7 and 8, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 36-40'
TTL Lab Number:	020301.316
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	498	
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	7.2	J
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	115	
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	1300	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.4	J
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 38 40-43'
TTL Lab Number:	020301.317
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	276	
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	5.0	U
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	72.6	J
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	762	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Technology and Tradition

Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	February 26, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020301.318
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.6	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa Al. 35405

Phone No.: (205) 345-0816

Date: 2/26/02

Sampled By: CLK

Sample Site: Coliseum Blvd. Home

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/26/02	1:50pm	Location 38 20-24'	Aq.	X		1	HCl	VOC
	2:15pm	Location 38 24-28'				1	HCl	
	2:30pm	Location 38 28-32'				1	HCl	
	2:57pm	Location 38 32-36'				1	HCl	
	3:23pm	Location 38 36-40'				1	HCl	
	3:45pm	Location 38 40-43'				1	HCl	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by (signed) Date/Time

1 2/26/02 2:00pm

2

3

Received by (signed) Date/Time

1

2

3

SHIPPING DETAILS

Air Bill #: 3002222905

Method of Shipment: BUS

Received By Lab:

Date/Time 030102 1405

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 28-32'
TTL Lab Number:	020301.328
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.7	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	287	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 32-36'
TTL Lab Number:	020301.329
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	5.2	J
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	5.0	U
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	841	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 36-40'
TTL Lab Number:	020301.330
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	91.0	J
Methylene Chloride	76.0	B
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	50.0	U
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	50.0	U
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	9120	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 40-44'
TTL Lab Number:	020301.331
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	755	J
Methylene Chloride	77.0	B
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	50.0	U
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	173	J
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	18,800	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8 and 9, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 44-48'
TTL Lab Number:	020301.332
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	1080	
Methylene Chloride	76.0	B
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	50.0	U
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	368	J
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	23,400	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8 and 9, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 48-52'
TTL Lab Number:	020301.333
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	849	J
Methylene Chloride	80.0	B
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	50.0	U
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	248	J
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	21,200	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 9 and 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 6R 48-52'
TTL Lab Number:	020228.150
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	50.0	U
Methylene Chloride	50.0	U
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	860	J
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	243	J
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	21,300	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8 and 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	6R 52-56'
TTL Lab Number:	020301.334
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	50.0	U
Vinyl Chloride	50.0	U
Chloroethane	50.0	U
Trichlorofluoromethane	50.0	U
1,1-Dichloroethene	462	J
Methylene Chloride	77.5	B
Trans-1,2-Dichloroethene	50.0	U
1,1-Dichloroethane	50.0	U
Cis-1,2-Dichloroethene	50.0	U
Chloroform	50.0	U
1,1,1-Trichloroethane	50.0	U
Carbon Tetrachloride	279	J
Benzene	50.0	U
1,2-Dichloroethane	50.0	U
Trichloroethylene	16,300	
1,2-Dichloropropane	50.0	U
Bromodichloromethane	50.0	U
Cis-1,3-Dichloropropene	50.0	U
Toluene	50.0	U
Trans-1,3-Dichloropropene	50.0	U
1,1,2-Trichloroethane	50.0	U
Tetrachloroethylene	50.0	U
Dibromochloromethane	50.0	U
Chlorobenzene	50.0	U
1,1,1,2-Tetrachloroethane	50.0	U
Ethylbenzene	50.0	U
M,P-Xylenes	50.0	U
O-Xylene	50.0	U
Bromoform	50.0	U
1,1,2,2-Tetrachloroethane	50.0	U
1,3-Dichlorobenzene	50.0	U
1,4-Dichlorobenzene	50.0	U
1,2-Dichlorobenzene	50.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020301.335
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maywood Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 2/28/02

Sampled By: CLK; DRC

Sample Site: Coliseum Blvd Plume

TTL Job No.: 0200-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: ICE
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/27	8:30am	6R 28-32'	Aq	X		1	HCl	VOC
	8:50am	6R 32-36'				1		
	9:20am	6R 36-40'				1		
	9:45am	6R 40-44'				1		
	10:30am	6R 44-48'				1		
	11:04am	6R 48-52'				1		
	11:40am	6R 52-56'				1	↓	
		Blanks				3	HCl	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 2/28/02 2:00pm

2

3

Received by (signed) Date/Time

1

2

3

SHIPPING DETAILS

Air Bill #: 30022229905

Method of Shipment: UPS

Received By Lab:

Date/Time 030102 1405

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 28-32'
TTL Lab Number:	020301.319
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	2.0	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.2	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	15.2	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 32-36'
TTL Lab Number:	020301.320
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.3	J
Methylene Chloride	2.1	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	4.4	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	194	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 5 and 8, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 36-40'
TTL Lab Number:	020301.321
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	5.4	J
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	5.0	U
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	1260	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 5 and 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 40-44'
TTL Lab Number:	020301.322
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	10.0	U
Methylene Chloride	26.2	B
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	10.0	U
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	10.0	U
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	1910	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 5 and 6, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 44-48'
TTL Lab Number:	020301.323
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	20.0	U
Vinyl Chloride	20.0	U
Chloroethane	20.0	U
Trichlorofluoromethane	20.0	U
1,1-Dichloroethene	143	J
Methylene Chloride	51.0	B
Trans-1,2-Dichloroethene	20.0	U
1,1-Dichloroethane	20.0	U
Cis-1,2-Dichloroethene	20.0	U
Chloroform	20.0	U
1,1,1-Trichloroethane	20.0	U
Carbon Tetrachloride	82.8	J
Benzene	20.0	U
1,2-Dichloroethane	20.0	U
Trichloroethylene	4070	
1,2-Dichloropropane	20.0	U
Bromodichloromethane	20.0	U
Cis-1,3-Dichloropropene	20.0	U
Toluene	20.0	U
Trans-1,3-Dichloropropene	20.0	U
1,1,2-Trichloroethane	20.0	U
Tetrachloroethylene	20.0	U
Dibromochloromethane	20.0	U
Chlorobenzene	20.0	U
1,1,1,2-Tetrachloroethane	20.0	U
Ethylbenzene	20.0	U
M,P-Xylenes	20.0	U
O-Xylene	20.0	U
Bromoform	20.0	U
1,1,2,2-Tetrachloroethane	20.0	U
1,3-Dichlorobenzene	20.0	U
1,4-Dichlorobenzene	20.0	U
1,2-Dichlorobenzene	20.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 6, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 48-52'
TTL Lab Number:	020301.324
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	213	
Methylene Chloride	5.8	B
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	5.1	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	52.2	
Benzene	2.5	U
1,2-Dichloroethane	2.5	J
Trichloroethylene	376	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 52-56'
TTL Lab Number:	020301.325
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	170	
Methylene Chloride	11.5	B
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	5.0	U
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	48.0	J
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	971	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 22R 52-56'
TTL Lab Number:	020228.153
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	193	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	47.6	J
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	922	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Maynard, Cooper & Gale
Sample Date: February 27, 2002
Sample Type: Aqueous
Sampled By: **TTL** Personnel (CLK & DRC)
Sample Site: Coliseum Boulevard Plume
Montgomery, Alabama
TTL Job Number: 0700-024

Sample ID: Location #22R @ 52' - 56'
TTL Lab Number: 020301.338-339

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.3	03-01-02/9:37AM	LFW
Chloride, mg/L as Cl	14.1	03-06-02/5:47PM	RWF
Nitrate, mg NO_3^--N/L	8.86	03-05-02/10:51AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-05-02/10:51AM	RWF
Sulfate, mg/L as SO_4	0.69	03-05-02/10:51AM	RWF
Iron, mg/L as Fe	37.5	03-04-02/3:30PM	GAH

Sample ID: Location #6R @ 48' - 52'
TTL Lab Number: 020301.340-341

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	15.6	03-01-02/9:37AM	LFW
Chloride, mg/L as Cl	9.18	03-05-02/11:08AM	RWF
Nitrate, mg NO_3^--N/L	3.85	03-05-02/11:08AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-05-02/11:08AM	RWF
Sulfate, mg/L as SO_4	0.87	03-05-02/11:08AM	RWF
Iron, mg/L as Fe	12.1	03-04-02/3:35PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 7, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK/DC)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	22R 56-60'
TTL Lab Number:	020301.326
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	121	
Methylene Chloride	1.7	B
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	2.5	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	26.6	
Benzene	1.0	U
1,2-Dichloroethane	1.2	J
Trichloroethylene	99.3	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 66 Rinse (4' Rod)
TTL Lab Number:	020228.151
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Geo 54 Rinse (4' Rod)
TTL Lab Number:	020228.152
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	February 27, 2002
Date Analyzed:	March 10, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020228.154
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 2/28/02
Sampled By: CLK · DRC
Sample Site: Coliseum Blvd. Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CLK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/27/02	8:57am	22R 28-32'	Aq	X		1	HCl	VOC
	9:21am	22R 32-36'				1		
	9:53am	22R 36-40'				1		
	10:34am	22R 40-44'				1		
	11:15am	22R 44-48'				1		
	11:50am	22R 48-52'				1		
	2:35pm	22R 52-56'				1		
	3:22pm	22R 56-60'				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by (signed) Date/Time
1 [signature] 2/28/02 2:00pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 3002229905
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 030102 1405

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, . .C.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammes
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 2/27/02
Sampled By: DRC; CLK
Sample Site: Col. Blvd. Plume
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Fce
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/27		Blanks	Aq			3	HCl	VOC
	10:53	Location 6R 48-50'	Aq	X		3	HCl	VOC
	1:40pm	Geo66 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	1:35pm	Geo54 Rinse (4' Rod)	Aq	X		3	HCl	VOC
	2:35pm	Location 22R (52-56')	Aq	X		3	HCl	VOC
	2:30pm	Location 22R 52-56	Aq	X		1	None	Nitrate, Nitrite, Sulfates, chlorides, Alkalinity
	10:48am	Location 6R 48-52	Aq	X		1	None	Nitrate, Nitrite, sulfates, chlorides, Alkalinity
	2:30pm	Location 22R 52-56	Aq	X		1	HNO_3	Fe (II)
	10:49am	Location 6R 48-52'	Aq	X		1	HNO_3	Fe (II)

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 2/27/02 6:15pm To Montgomery Lab
2 [signature] 2/28/02 12:40PM
3

Received by (signed) Date/Time
1 [signature] 2/28/02 2/28/02 12:40PM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: hand
Received By Lab: [signature]
Date/Time 022802 1240

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

March 4, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86672; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on February 27, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 02/27/02 ETR No: 86672		
477586	Location 14R (48-44')	02/20/02	Aqueous
477587	Location 23R (56-50')	02/21/02	Aqueous
477588	Location 30R (40-44')	02/22/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0012.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jmm
Enclosure

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES

STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 03/04/02
ETR Number : 86672
Project No.: 22000
No. Samples: 3
Arrived : 02/27/02

Case:22000 SDG:86672

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
477586	Location 14R (48-44'):02/20/02 @1555(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
477587	Location 23R (56-50'):02/21/02 @1620(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
477588	Location 30R (40-44'):02/22/02 @1150(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

SIL LAB

TTL INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 2/21/02 - 2/22/02
Sampled By: CK
Sample Site: Montgomery Al. Coliseum Blvd. Plume
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: KZ
3. Initial Contents Temp.: 1C °C Seal Applied Yes X No
4. Sampling Status: Complete X Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0003

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/20/02	3:55pm	Location 14R (48-44')	Aq	X		2	HCl	Methane Methane Ethane
2/21/02	4:20pm	Location 23R (56-60')	Aq	X		2	HCl	Methane Methane Ethane
[illegible]	[illegible]	[illegible]	Aq	X		2	HCl	Methane [illegible] Ethane

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 2/21/02 7:00pm To Montgomery Lab
2 Ken Dall Keranen 2-26-02 11:02
3

Received by (signed) Date/Time
1 Ken Dall Keranen 2-26-02 11:02
2
3

SHIPPING DETAILS

Air Bill #: 82015746 0057
Method of Shipment: Fed X overnight
Received By Lab: [signature]
Date/Time 2/27/02 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION14R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: 477586

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R021

Level: (low/med) LOW Date Received: 02/27/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION23R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: 477587

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R031

Level: (low/med) LOW Date Received: 02/27/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION30R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: 477588

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R041

Level: (low/med) LOW Date Received: 02/27/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W3LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: W3LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	55	
74-84-0	Ethane	110	
74-85-1	Ethene	110	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W3LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: W3LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	68	
74-84-0	Ethane	130	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKW3

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix: (soil/water) WATER Lab Sample ID: ABLKW3

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Matrix Spike - Sample No.: W3LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		55	75	70-130
Ethane	140		110	78	70-130
Ethene	130		110	85	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	68	93	21	30	70-130
Ethane	140	130	93	18	30	70-130
Ethene	130	140	108	24	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKW3

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86672

Lab File ID: 04MA021041-R041 Lab Sample ID: ABLKW3

Date Analyzed: 03/04/02 Time Analyzed: 1118

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	W3LCS	W3LCS	04MA021041-R	1112
02	W3LCSD	W3LCSD	04MA021041-R	1115
03	LOCATION14R	477586	04MA021212-R	1253
04	LOCATION23R	477587	04MA021212-R	1256
05	LOCATION30R	477588	04MA021212-R	1259
06				
07				
08				
09				
10				
11				
12				
13				
14				
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16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

March 4, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86745; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on March 1, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/01/02 ETR No: 86745		
477919	Location 6R 48-52'	02/27/02	Aqueous
477920	Location 22R 52-56'	02/27/02	Aqueous
477921	Location 29R 37-41'	02/26/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 013.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jmm
Enclosure

MAR 1 1

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 03/06/02
ETR Number : 86745
Project No.: 22000
No. Samples: 3
Arrived : 03/01/02

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
477919	Location 6R 48-52':02/27/02 @1055(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
477920	Location 22R 52-56':02/27/02 @1435(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
477921	Location 29R 37-41':02/26/02 @1045(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

STL

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammer
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 2/27/02
Sampled By: CCK; DRC
Sample Site: Coliseum Blvd Pluno
TTL Job No.: 0760-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: KZ
3. Initial Contents Temp.: 1cc °C Seal Applied Yes X No
4. Sampling Status: ~~Complete~~ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/27	10:55am	Location 6R 48-52'	Ag	X		2	HCl	Methane Methane Ethane
2/27	2:35pm	Location 22R 52-56'	Ag	X		2	HCl	Methane Methane Ethane

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 2/27/02; 6:30pm To mortgage
2 Ken Call Keranen 2-28-02 2:03 pm
3

Received by (signed) Date/Time
1 Ken Call Keranen 2-28-02 2:03pm
2
3 [signature] 03-01-02 0930

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed X
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

0004

SIL

TTL INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 2/26/02
Sampled By: CCK
Sample Site: Coliseum Blvd, Plume; Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: KZ
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0003

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
2/26/02	10:45am	Location 29R 37-41'	Ag	X		2	HCl	Methane, Methane, Ethane

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Christopher L. [illegible] 2/26/02 6:30pm
2 Ken Call Keranen 2-28-02 2:03 pm
3

To Montgomery Lab

Received by (signed) Date/Time
1 Ken Call Keranen 2-28-02 2:03pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed X
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W3LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: W3LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	55	
74-84-0	Ethane	110	
74-85-1	Ethene	110	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W3LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: W3LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	68	
74-84-0	Ethane	130	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKW3

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: ABLKW3

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021041-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION22R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: 477920

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R061

Level: (low/med) LOW Date Received: 03/01/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION29R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: 477921

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R071

Level: (low/med) LOW Date Received: 02/01/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION6R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix: (soil/water) WATER Lab Sample ID: 477919

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04MA021212-R051

Level: (low/med) LOW Date Received: 03/01/02

% Moisture: not dec. _____ Date Analyzed: 03/04/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Matrix Spike - Sample No.: W3LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		55	75	70-130
Ethane	140		110	78	70-130
Ethene	130		110	85	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	68	93	21	30	70-130
Ethane	140	130	93	18	30	70-130
Ethene	130	140	108	24	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKW3

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86745

Lab File ID: 04MA021041-R041 Lab Sample ID: ABLKW3

Date Analyzed: 03/04/02 Time Analyzed: 1118

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	W3LCS	W3LCS	04MA021041-R	1112
02	W3LCSD	W3LCSD	04MA021041-R	1115
03	LOCATION6R	477919	04MA021212-R	1307
04	LOCATION22R	477920	04MA021212-R	1314
05	LOCATION29R	477921	04MA021212-R	1317
06				
07				
08				
09				
10				
11				
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27				
28				
29				
30				

COMMENTS:

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 28-32'
TTL Lab Number:	020306.9
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	6.3	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 11, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 32-36'
TTL Lab Number:	020306.10
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	62.1	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 11, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 36-40'
TTL Lab Number:	020306.11
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	2.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	19.9	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 11, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 40-44'
TTL Lab Number:	020306.12
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	2.6	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	10.1	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 44-48'
TTL Lab Number:	020306.13
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	8.2	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 48-52'
TTL Lab Number:	020306.16
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 52-56'
TTL Lab Number:	020306.15
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 25R @ 58-62'
TTL Lab Number:	020306.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020306.18
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tosc, AL
Phone No.: (205) 345-0816
Date: 3/5/02
Sampled By: Steve Grammas
Sample Site: Eastern Blvd Plume; Montgomery, AL
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Grammas
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type Solid, Etc.	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
3/5/02	10:10a	Location 25R @ 28-32'	Soil	✓		3	HCl	VOCs
	10:50	32-36'		✓		3		
	11:25	36-40'		✓		3		
	12:40p	40-44'		✓		3		
	1:30p	44-48'		✓		3		
	2:25p	58-62'		✓		3		
	2:50p	52-56'		✓		3		
	3:20p	48-52'		✓		3		
		BLANK		✓		3	HCl, HNO_3	VOCs, Iron, Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	5:00p	Rinse Probe Rod		✓		3	HCl	VOCs
						3	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. [signature] 3/5/02; 5:10p
2. ____
3. ____

Received by (signed) Date/Time
1. ____
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: 8253 3381 1468
Method of Shipment: FedEx
Received By Lab: [signature]
Date/Time 030602 0900

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TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Date Analyzed:	March 13, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 24R @ 34-38' BLS
TTL Lab Number:	020307.88
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.3	J
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	43.5	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Date Analyzed:	March 13, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020307.90
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammers

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc, AL

Phone No.: (205) 345-0816

Date: 3/6/02

Sampled By: Steve Grammers

Sample Site: Blossom Pkwy. Plume; Montgomery, AL

TTL Job No.: 0780-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: 22C °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/6/02	9:15a	Location 24RP 34-38' BLS	Soil	✓		3	HCl	VOCs
↓	↓	↓	↓	✓		1	Ice	Nitrate, Alkalinity, Nitrite, Chlorides, Sulfates
3/6/02	3:15p	Rinse (Pump Pod)	↓	✓		1	HNO_3	Iron
		BLANK	↓	✓		3	HCl	VOCs
						3	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 3/7/02, 4:35p

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 03/7/02 4:35p

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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Date Analyzed:	March 15, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 40 @ 48-52' BLS
TTL Lab Number:	020312.1
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	112	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	2.2	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	24.2	
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	67.8	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Date Analyzed:	March 15, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020312.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 3/8/02

Sampled By: Steve Grammas

Sample Site: Coliseum Blvd Plume, Montgomery, AL

TTL Job No.: 0706-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ~~4°C~~ °C Seal Applied Yes ____ No ____
4. Sampling Status (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: Cold
7. Comments: Fed Ex
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/8/02	2:05 pm	Location #40 @ 48-52' BLS	Aqueous	✓		3	HCl	VOCs
	2:05 pm			✓		1	HNO_3	Iron
	2:05 pm			✓		1		Sulfates, Nitrite, Nitrate, Alkalinity, Chloride
		BLANK				3	HCl	VOCs
		Rinse		✓		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 3/12/02 8:20AM

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 03/13/02 0830

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TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 13, 2002
Date Analyzed:	March 20, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 41 (36-40')
TTL Lab Number:	020315.159
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	15.6	J
Methylene Chloride	2.5	U
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	2.5	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	1440	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	March 14, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020315.160
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0861
Date: 3/11/02
Sampled By: CK
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/11/02	3:15pm	Rinse (4' Rod)	Aq	X		3	HCl	VOC
3/12/02	7:10am	Rinse (4' Rod)						
3/13/02	7:45am	Rinse (4' Rod)						
3/14/02	12:20pm	Rinse (Large Bore Sampler)						
		Blanks						
3/13/02	10:10am	Location 41 (36-40')				3		
3/13/02	10:05am	Location 41 (36-40')				1	HNO_3	Fe(II)
3/13/02	10:05am	Location 41 (36-40')				1	None	Nitrite, Nitrate, Sulfides, chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1	3/14/02 5:15pm	TO Montgomery Lab
2	3/15/02 10:50AM	3/15/02 7:00 AM
3		

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 031502 1350

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Date Analyzed:	March 21, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 43 (44-48')
TTL Lab Number:	020319.22
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	66.3	
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	J
Cis-1,2-Dichloroethene	1.0	U
Chloroform	2.3	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	24.6	
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	131	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Technology and Tradition

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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Date Analyzed:	March 26, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020319.24
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tucaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/15/02
Sampled By: CK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: BB
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: good
7. Comments: Fee
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
3/15/02	9:25am	Location 43 (44-48')	Aq	X		3	HCl	VOC
3/15/02	7:30am	Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	HNO_3	Fe (II)
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

To Montgomery Lab

Relinquished by: (signed) Date/Time
1 [signature] 3/15/02 2:00pm
2 [signature] 3/18/02 7:30pm
3

Received by (signed) Date/Time
1 [signature] 3/18/02 7:00pm
2
3

SHIPPING DETAILS

Air Bill #: 3002525042
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 031902 1020

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Date Analyzed:	March 29, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 42 (44-48')
TTL Lab Number:	020322.136
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.6	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	8.9	J
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	154	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.8	J
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Date Analyzed:	March 29, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020322.138
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL

Phone No.: (205) 345-0816

Date: 3/21/02

Sampled By: CK

Sample Site: Col. Blvd Plume

TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/21	4:30pm	Rinse 4' Rod	Aq	X		3	HCl	VOC
3/21	9:45am	Location 42 (44-48')						
3/20	1:00pm	Rinse Grout Rod Blanks						
3/21	9:40am	Location 42 (44-48')		X		1	HNO_3	Fe (II)
3/21	9:40am	Location 42 (44-48')		X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1	3/21/02 7:00pm	To Mobile Lab
2	3/22/02 1:15PM	3/22/02 10:20AM
3		3

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 032202 1315

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Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Date Analyzed:	April 1 and 3, 20002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location 44 (40-44')
TTL Lab Number:	020326.12
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	15.8	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	2.5	J
Chloroform	3.9	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	5.7	J
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1020	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Date Analyzed:	April 2, 20002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020326.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maxwood Cooper & Cole

Contact: Steve Gremmes

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 3/22/02

Sampled By: CLC

Sample Site: Col. Blvd Plume

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: 2°C °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/22/02	11:05	Location 44 (40-44')	Ag	X		3	HCl	VOC
3/22/02	8:20	Rinse (4' Rod) Blanks	Ag	X		3	HCl	VOC
3/22	11:00	Location 44 (40-44')	Ag			3	HCl	VOC
3/22	11:00	Location 44 (40-44')				1	HNO_3	Fe(II)
						1	None	Nitrite, Nitrate, chlorides, Sulfates, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1 3/22/02 3:00pm	1 3/25/02 9:20 AM
2 3/25/02 9:50 AM	2
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: BUS

Received By Lab: Dana Cross

Date/Time 3/26/02 6:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

March 11, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86822; Job: Coliseum Blvd. Plume

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on March 7, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/07/02 ETR No: 86822		
478571	25R @ 48-52' BLS	03/05/02	Aqueous
478572	24R @ 34-38' BLS	03/06/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0011.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jmm
Enclosure

STL Burlington is a part of Severn Trent Laboratories, Inc.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 03/11/02
ETR Number : 86822
Project No.: 22000
No. Samples: 2
Arrived : 03/07/02

Case:22000 SDG:86822

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
478571	25R @ 48-52' BLS:03/05/02 @1520(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
478572	24R @ 34-38' BLS:03/06/02 @0915(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W6LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix: (soil/water) WATER Lab Sample ID: W6LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08MA020836-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/08/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	70	
74-84-0	Ethane	130	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

W6LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix: (soil/water) WATER Lab Sample ID: W6LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08MA020836-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/08/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	68	
74-84-0	Ethane	130	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKW6

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix: (soil/water) WATER Lab Sample ID: ABLKW6

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08MA020836-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/08/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

25R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix: (soil/water) WATER Lab Sample ID: 478571

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08MA020938-R011

Level: (low/med) LOW Date Received: 03/07/02

% Moisture: not dec. _____ Date Analyzed: 03/08/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

24R

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix: (soil/water) WATER Lab Sample ID: 478572

Sample wt/vol: _____ (g/mL) ML Lab File ID: 08MA020938-R021

Level: (low/med) LOW Date Received: 03/07/02

% Moisture: not dec. _____ Date Analyzed: 03/08/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Matrix Spike - Sample No.: W6LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		70	96	70-130
Ethane	140		130	93	70-130
Ethene	130		140	108	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	68	93	3	30	70-130
Ethane	140	130	93	0	30	70-130
Ethene	130	140	108	0	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKW6

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86822

Lab File ID: 08MA020836-R041 Lab Sample ID: ABLKW6

Date Analyzed: 03/08/02 Time Analyzed: 0919

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	W6LCS	W6LCS	08MA020836-R	0912
02	W6LCSD	W6LCSD	08MA020836-R	0915
03	25R	478571	08MA020938-R	1042
04	24R	478572	08MA020938-R	1045
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Hold for STL LAB

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc; AL

Phone No.: (205) 345-0816

Date: 3/5/02

Sampled By: Steve Grammas

Sample Site: Chisea Blvd. Plume, Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/5/02	3:20p	Location #25R @ 48-52' BLS	Agg	✓		3	HCl	Methane, Ethane, Ethene
3/6/02	9:15a	Location #24R @ 34-35' BLS	Soil	✓		2	HCl	Methane, Ethane, Ethene

0011

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 3/6/02 1:35pm
2. Hayley Collier 3/6/02 2:55pm
3. [signature] 3/6/02 4:05 PM

Received by (signed) Date/Time

1. Hayley Collier 3-6-02 1:35pm
2. [signature] 3/6/02 2:55 PM
3. [signature] 3-7-02 0930

SHIPPING DETAILS

Air Bill #:

Method of Shipment: FEDX

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

March 20, 2002

Ms. Cheryl Reeves
TTL Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 86901

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on March 14, 2002. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/14/02 ETR No: 86901		
478966	Location40@ 48-52'	03/08/02	Aqueous

There were no exceptions to the laboratory quality control criteria noted during the analysis of samples in this delivery group. Client Sample Identifications have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 010.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jmm
Enclosure

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 03/15/02
ETR Number : 86901
Project No.: 22000
No. Samples: 1
Arrived : 03/14/02

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
478966	Location40@ 48-52':03/08/02 @1405(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

"Hold for STL LAB"

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper & Gale

Contact: Steve Gammons

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL

Phone No.: (205) 345-0816

Date: 3/8/02

Sampled By: Steve Gammons

Sample Site: Col. Sors Blvd. Plume, Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: [illegible] °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: _____
7. Comments: _____
8. Reporting Status: Routine; ASAP By _____; Rush By _____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/8/02	2:45pm	Location 40 @ 48-52' BLS	Aqu	✓		2	HCl	Methane, Ethene, Ethane

0003

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [illegible] 3/8/02 3:35pm
2. [illegible] 3/8/02 to TTL LAB
3. [illegible] 3/13/02 11:30am

Received by (signed) Date/Time

1. [illegible] 3/8/02 3:25pm
2. [illegible] 3/13/02 11:30am
3. [illegible] 3/14/02 0930

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: FedEx

Received By Lab: _____

Date/Time _____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A-	The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
B-	The reported analyte was detected in the associated method blank as well as the sample.
D -	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
E-	Compound quantitation is above the instrument's calibration range for this analysis.
J -	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.
U-	Indicates compound was analyzed for but not detected above the reporting limit.
X,Y,Z -	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

X1LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Matrix: (soil/water) WATER Lab Sample ID: X1LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14MA021112-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	71	
74-84-0	Ethane	140	
74-85-1	Ethene	150	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

X1LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Matrix: (soil/water) WATER Lab Sample ID: X1LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14MA021112-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	62	
74-84-0	Ethane	130	
74-85-1	Ethene	130	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKX1

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Matrix: (soil/water) WATER Lab Sample ID: ABLKX1

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14MA021112-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/14/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION40

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Matrix: (soil/water) WATER Lab Sample ID: 478966

Sample wt/vol: _____ (g/mL) ML Lab File ID: 14MA021350-R201

Level: (low/med) LOW Date Received: 03/14/02

% Moisture: not dec. _____ Date Analyzed: 03/14/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Matrix Spike - Sample No.: X1LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		71	97	70-130
Ethane	140		140	100	70-130
Ethene	130		150	115	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	62	85	13	30	70-130
Ethane	140	130	93	7	30	70-130
Ethene	130	130	100	14	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKX1

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 86901

Lab File ID: 14MA021112-R041 Lab Sample ID: ABLKX1

Date Analyzed: 03/14/02 Time Analyzed: 1143

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	X1LCS	X1LCS	14MA021112-R	1137
02	X1LCSD	X1LCSD	14MA021112-R	1140
03	LOCATION40	478966	14MA021350-R	1532
04				
05				
06				
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30				

COMMENTS:

SEVERN TRENT SERVICES

STL Burlington
208 South Park Drive
Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248
www.stl-inc.com

April 3, 2002

Ms. Cheryl Reeves
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106-2815

Re: Laboratory Project No. 22000
ETR: 87095

Dear Ms. Reeves:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on March 26, 2002. Laboratory numbers have been assigned and designated as follows

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received 03/26/02 ETR No 87095		
480198	Location 42 (44-48')	03/21/02	Aqueous
480199	Location 44 (40-44')	03/22/02	Aqueous
480200	Location 41 (36-40')	03/13/02	Aqueous
480201	Location 43 (44-48')	03/15/02	Aqueous

Please note that the sample identified as Location 41 (36-40') was received with one day remaining to analyze within the regulatory holding time. The laboratory was unable to accommodate this sample within that timeframe and was analyzed as soon as possible, one day beyond the regulatory holding time. Also note that Client Sample Identifications as reported on the Form 1's have been truncated due to a limitation in our reporting software.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0015.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

mfw/cjc/jmm
Enclosure

STL Burlington is a part of Severn Trent Laboratories, Inc.

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

TTL Inc.
4154 Lomac St.

Montgomery, AL 36106-2815

Attention : Cheryl Reeves

Date : 04/01/02
ETR Number : 87095
Project No.: 22000
No. Samples: 4
Arrived : 03/26/02

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
480198	Location 42 (44-48'):03/21/02 @0945(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
480199	Location 44 (40-44'):03/22/02 @1105(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
480200	Location 41 (36-40'):03/13/02 @1010(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C
480201	Location 43 (44-48'):03/15/02 @0925(Aqueous)	
RSK-175	Methane	C
RSK-175	Ethane	C
RSK-175	Ethene	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maxwood Cooper & Gale

Contact: Stelle Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 3/21/02

Sampled By: CK

Sample Site: Coliseum Blvd Plume

TTL Job No.: 0202-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Cold
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/21/02	9:45am	Location 42 (44-48')	Aq	X		2	HCl	Methane, Methane, Ethane

003

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 Christa Kolich 3/21/02 7:00pm	1 Mike Kelley 3/25/02 3:05PM
2 Mike Kelley 3/25/02 7:45PM	2
3	3

To Montgomery Lab

SHIPPING DETAILS

Air Bill #:

Method of Shipment: FEDEX

Received By Lab:

Date/Time 3-26-02 1140

Cooler Temp 3

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/22/02
Sampled By: CK
Sample Site: Coliseum Blvd Plume Montgomery Al
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/22	11:05am	Location 44 (40-44')	Aq	X		2	HCl	Methane Methane Ethane

0004

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/22/02 3:00pm Lab To Montgomery
2 [signature] 3/25/02 3:45PM
3

Received by (signed) Date/Time
1 [signature] 3/25/02 3:05PM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: FEDEX
Received By Lab: [signature]
Date/Time 3-26-02 1140

Cooler Temp 3

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammos
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/15/02
Sampled By: CK
Sample Site: Coliseum Blvd Plume Montgomery Al
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/13/02	10:10am	Location 41 (36-40')	Ag	X		2	HCl	Methane, Methane, Ethane
3/15/02	9:25am	Location 43 (44-48')	Ag	X		2	HCl	Methane, Methane, Ethane

0005

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/15/02; 2:00pm
2 [signature] 3/25/02 3:45PM
3

To Montgomery Lab

Received by: (signed) Date/Time
1 [signature] 3/25/02 3:05PM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: FEDEX
Received By Lab: [signature]
Date/Time 3-26-02 1140

Cooler Temp 3

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT SERVICES

STL Burlington

The following Qualifiers may be used when reporting any Organic parameters analyzed by Gas Chromatography/mass Spectometry (GCMS). Any additional qualifiers used in the reports will be described in the case narrative. These flags are based on the EPA Contract Laboratory Program statement of work.

GC/MS Qualifiers

A- The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.

B- The reported analyte was detected in the associated method blank as well as the sample.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.

E- Compound quantitation is above the instrument's calibration range for this analysis.

J - Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

U- Indicates compound was analyzed for but not detected above the reporting limit.

X,Y,Z - Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

STL Burlington is a part of Severn Trent Laboratories, Inc.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y2LCS

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: Y2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA020859-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	71	
74-84-0	Ethane	140	
74-85-1	Ethene	150	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y2LCSD

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: Y2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA020859-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	62	
74-84-0	Ethane	120	
74-85-1	Ethene	130	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKY2

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: ABLKY2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA020859-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION41

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: 480200

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA021449-R191

Level: (low/med) LOW Date Received: 03/26/02

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	3.0	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION42

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: 480198

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA021350-R021

Level: (low/med) LOW Date Received: 03/26/02

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION43

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: 480201

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA021350-R051

Level: (low/med) LOW Date Received: 03/26/02

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

LOCATION44

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix: (soil/water) WATER Lab Sample ID: 480199

Sample wt/vol: _____ (g/mL) ML Lab File ID: 28MA021350-R031

Level: (low/med) LOW Date Received: 03/26/02

% Moisture: not dec. _____ Date Analyzed: 03/28/02

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Matrix Spike - Sample No.: Y2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		71	97	70-130
Ethane	140		140	100	70-130
Ethene	130		150	115	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	62	85	13	30	70-130
Ethane	140	120	86	15	30	70-130
Ethene	130	130	100	14	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY2

Lab Name: STL BURLINGTON Contract: 22000

Lab Code: STLVT Case No.: 22000 SAS No.: SDG No.: 87095

Lab File ID: 28MA020859-R041 Lab Sample ID: ABLKY2

Date Analyzed: 03/28/02 Time Analyzed: 0933

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y2LCS	Y2LCS	28MA020859-R	0926
02	Y2LCSD	Y2LCSD	28MA020859-R	0930
03	LOCATION42	480198	28MA021350-R	1407
04	LOCATION44	480199	28MA021350-R	1410
05	LOCATION43	480201	28MA021350-R	1414
06	LOCATION41	480200	28MA021449-R	1614
07				
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COMMENTS:

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #24R @ 34' - 38'
TTL Lab Number:	020307.91-92
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.1	03-11-02/12:10PM	LFW
Chloride, mg/L as Cl	4.30	03-08-02/9:21PM	RWF
Nitrate, mg NO_3^--N/L	1.56	03-08-02/9:21PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-08-02/9:21PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-08-02/9:21PM	RWF
Iron, mg/L as Fe	11.4	03-19-02/8:44AM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Date Analyzed:	March 13, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020307.90
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #25R @ 48' - 52'
TTL Lab Number:	020306.19-20
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	8.1	03-11-02/12:10PM	LFW
Chloride, mg/L as Cl	3.47	03-08-02/5:20PM	RWF
Nitrate, mg NO_3^--N/L	2.00	03-08-02/5:20PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-08-02/5:20PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-08-02/5:20PM	RWF
Iron, mg/L as Fe	5.30	03-07-02/11:13AM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020306.18
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #40 @ 48' - 52'
TTL Lab Number:	020312.03-04
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.2	03-15-02/8:55AM	LFW
Chloride, mg/L as Cl	28.1	03-13-02/10:17PM	RWF
Nitrate, mg NO_3^--N/L	26.2	03-13-02/10:17PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-13-02/7:37PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-13-02/7:37PM	RWF
Iron, mg/L as Fe	5.92	03-19-02/8:46AM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Date Analyzed:	March 15, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020312.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 13, 2002
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #41 @ 36' - 40'
TTL Lab Number:	020315.161-162
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	7.2	03-15-02/5:25PM	LFW
Chloride, mg/L as Cl	9.80	03-17-02/4:55PM	RWF
Nitrate, mg NO_3^--N/L	4.05	03-17-02/4:55PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-17-02/4:55PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-17-02/4:55PM	RWF
Iron, mg/L as Fe	6.99	03-21-02/5:41PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 14, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020315.160
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #42 @ 44' - 48'
TTL Lab Number:	020322.139-140
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	<1.0	03-25-02/8:30AM	LFW
Chloride, mg/L as Cl	7.28	03-25-02/11:52PM	RWF
Nitrate, mg NO_3^--N/L	3.03	03-25-02/11:52PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-25-02/11:52PM	RWF
Sulfate, mg/L as SO_4	5.25	03-25-02/11:52PM	RWF
Iron, mg/L as Fe	2.41	03-27-02/4:00PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Date Analyzed:	March 29, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020322.138
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #43 @ 44' - 48'
TTL Lab Number:	020319.25-26
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	5.6	03-21-02/8:47AM	LFW
Chloride, mg/L as Cl	20.6	03-25-02/5:46AM	RWF
Nitrate, mg NO_3^--N/L	15.7	03-25-02/5:46AM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-22-02/6:15PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-22-02/6:15PM	RWF
Iron, mg/L as Fe	36.8	03-25-02/10:38AM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Date Analyzed:	March 26, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020319.24
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CLK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Location #44 @ 40' - 44'
TTL Lab Number:	020326.15-16
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Total Alkalinity, mg $CaCO_3$/L	10.6	03-27-02/1:30PM	LFW
Chloride, mg/L as Cl	8.99	03-28-02/4:52PM	RWF
Nitrate, mg NO_3^--N/L	8.30	03-28-02/4:52PM	RWF
Nitrite, mg NO_2^--N/L	<0.10	03-28-02/4:52PM	RWF
Sulfate, mg/L as SO_4	<0.50	03-28-02/4:52PM	RWF
Iron, mg/L as Fe	16.6	03-27-02/4:31PM	GAH

The samples were analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020.

Steve C. Martin, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Date Analyzed:	April 2, 20002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020326.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Gammons

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc, AL

Phone No.: (205) 345-0816

Date: 3/5/02

Sampled By: Steve Gammons

Sample Site: Colsen Blvd Plume; Montgomery, AL

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Gammons
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/5/02	10:10a	Location 25R @ 28-32'	Aqu	✓		3	HCl	VOCs
	10:50	32-36'		✓		3		
	11:25	36-40'		✓		3		
	12:40p	40-44'		✓		3		
	1:30p	44-48'		✓		3		
	2:25p	58-62'		✓		3		
	2:50p	52-56'		✓		3		
	3:20p	48-52'		✓		3	HCl, HNO_3	VOCs, Iron, Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
		BLANK		✓		3	HCl	VOCs
	5:03p	Rinse Probe Rod		✓		3	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 3/5/02; 5:10p	1
2	2
3	3

SHIPPING DETAILS

Air Bill #: 8253 3381 1468

Method of Shipment: FedEx

Received By Lab: [signature]

Date/Time 030602 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammonts

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc, AL

Phone No.: (205) 345-0816

Date: 3/6/02

Sampled By: Steve Grammonts

Sample Site: Blossom Bluff Plume; Montgomery, AL

TTL Job No.: 0760-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/6/02	9:15a	Location 24R P 34-38' BLS	Soil	✓		3	HCl	VOCs
↓	↓	↓	↓	✓		1	Ice	Nitrate, Alkalinity, Nitrite, Chlorides, Sulfates
3/6/02	3:15p	Rinse (Rinse Prod)		✓		1	HNO_3	Iron
		BLANKS		✓		3	HCl	VOCs
			↓	✓		3	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 3/7/02; 4:35p

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 03/7/02 4:35p

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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 3/8/02

Sampled By: Steve Grammas

Sample Site: Peterson Tract, Plant, Montgomery, AL

TTL Job No.: 0708-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ~~4°C~~ °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: Cold
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/8/02	2:05p	Location #40 @ 48-52' BLS	Aqueous	✓		3	HCl	VOCs
	2:05p			✓		1	HNO3	Iron
	2:15p			✓		1		Sulfates, Nitrite, Nitrate, Alkalinity, chlorides
		BLANK				3	HCl	VOCs
		Rinse		✓		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 3/12/02 1 8:20am	1
2	2
3	3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 03/13/02 0830

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maywood Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL. 35401
Phone No.: (205) 345-0861
Date: 3/11/02
Sampled By: CK
Sample Site: Coliseum Blvd. Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No 2
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/11/02	3:15pm	Rinse (4' Rod)	Aq	X		3	HCl	VOC
3/12/02	7:16am	Rinse (4' Rod)						
3/13/02	7:45am	Rinse (4' Rod)						
3/14/02	12:20pm	Rinse (Large Bore Sampler) Blanks						
3/13/02	10:10am	Location 41 (36-40')				3		
3/13/02	10:05am	Location 41 (36-40')				1	HNO_3	Fe(II)
3/13/02	10:05am	Location 41 (36-40')				1	None	Nitrite, Nitrate, Sulfides, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1	3/14/02 5:15pm	To Montgomery Lab 3/15/02 7:00 AM
2	3/15/02 10:50 PM	
3		

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab:
Date/Time 03/15/02 1350

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/15/02
Sampled By: CK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: BB
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Fee
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
3/15/02	9:25am	Location 43 (44-48')	Aq	X		3	HCl	VOC
3/15/02	7:30am	Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	HNO_3	Fe (II)
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/15/02 2:00pm
2 [signature] 3/18/02 1:30pm
3

To Montgomery Lab

Received by (signed) Date/Time
1 [signature] 3/18/02 2:00pm
2
3

SHIPPING DETAILS

Air Bill #: 3002525042
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 031902 1020

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL

Phone No.: (205) 345-0816

Date: 3/21/02

Sampled By: CK

Sample Site: Col. Blvd Plume

TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/21	4:30pm	Rinse 4' Rod	Ag	X		3	HCl	VOC
3/21	9:45am	Location 42 (44-48')						
3/20	1:00pm	Rinse Grout Rod						
		Blanks						
3/21	9:40am	Location 42 (44-48')		X		1	HNO_3	Fe (II)
3/21	9:40am	Location 42 (44-48')		X		1	None	Nitrate, Nitrite, sulfates, chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1	3/21/02 7:00pm	To Montgomery
2	3/22/02 1:15PM	3/22/02 10:00AM
3		3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Hand

Received By Lab:

Date/Time 032202 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maxwood Cooper's Gale

Contact: Steve Gramms

Mailing Address: 3516 Greensboro Ave.

City, State, Zip: Tuscaloosa AL. 35401

Phone No.: (205) 345-0816

Date: 3/22/02

Sampled By: CLS

Sample Site: Col. Blvd Plume

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/22	11:05	Location 44 (40-44')	Ag	X		3	HCl	VOC
3/22	8:20	Rinse (4' Rod)	Ag	X		3	HCl	VOC
		Blanks	Ag	✓		3	HCl	VOC
3/22	11:00	Location 44 (40-44')				1	HNO_3	Fe(II)
3/22	11:00	Location 44 (40-44')				1	None	Nitrite, Nitrate, chlorides, Sulfates, Alkal

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (Signed) Date/Time	Received by: (Signed) Date/Time
1	[signature] 3/22/02 3:00pm	Ted Morton [signature] 3/25/02 9:20 AM
2	[signature] 3/25/02 9:50 AM	
3		3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Bus

Received By Lab: Dana Cross

Date/Time 3/26/02 6:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse Probe Rod
TTL Lab Number:	020306.17
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	March 5, 2002
Date Analyzed:	March 12, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020306.18
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Date Analyzed:	March 13, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (SG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse Probe Rod
TTL Lab Number:	020307.89
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L:	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Client:	Maynard, Cooper & Gale
Sample Date:	March 6, 2002
Date Analyzed:	March 13, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020307.90
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Date Analyzed:	March 15, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse
TTL Lab Number:	020312.16
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 8, 2002
Date Analyzed:	March 15, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020312.2
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 11, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020315.155
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 12, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020315.156
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	March 13, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020315.157
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 14, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (Large Bore Sampler)
TTL Lab Number:	020315.158
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 14, 2002
Date Analyzed:	March 19, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020315.160
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Date Analyzed:	March 21, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020319.23
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 15, 2002
Date Analyzed:	March 26, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020319.24
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	March 18, 2002
Date Analyzed:	March 27, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020320.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 19, 2002
Date Analyzed:	March 27, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020320.13
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 19, 2002
Date Analyzed:	March 27, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020320.15
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 20, 2002
Date Analyzed:	March 29, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse Grout Rod
TTL Lab Number:	020322.137
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Date Analyzed:	March 28, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020322.135
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 21, 2002
Date Analyzed:	March 29, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020322.138
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Date Analyzed:	April 1, 20002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse (4' Rod)
TTL Lab Number:	020326.13
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 22, 2002
Date Analyzed:	April 2, 20002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020326.14
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 25, 2002
Date Analyzed:	April 5, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020328.128
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	March 26, 2002
Date Analyzed:	April 5, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020328.129
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

Client:	Maynard, Cooper & Gale
Sample Date:	March 26, 2002
Date Analyzed:	April 5, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020328.161
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 29, 2002
Date Analyzed:	April 5, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Rinse 4' Rod
TTL Lab Number:	020402.47
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	March 29, 2002
Date Analyzed:	April 5, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020402.48
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Gammons

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tusc, AL

Phone No.: (205) 345-0816

Date: 3/5/02

Sampled By: Steve Gammons

Sample Site: Colonial Pipeline; Montgomery, AL

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Steve Gammons
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/5/02	10:10a	Location 25R @ 28-32'	Soil	✓		3	HCl	VOCs
	10:50	32-36'		✓		3		
	11:25	36-40'		✓		3		
	12:40p	40-44'		✓		3		
	1:30p	44-48'		✓		3		
	2:25p	58-62'		✓		3		
	2:50p	52-56'		✓		3		
	3:20p	48-52'		✓		3		
		BLANK		✓		3	HCl, HNO_3	VOCs, Iron, Nitrate, Nitrite, Sulfate, Alkalinity, Chlorides
	5:05p	Rinse Probe Rod		✓		3	HCl	VOCs
						3	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 3/5/02; 5:10p

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: 8253 3388 1468

Method of Shipment: FedEx

Received By Lab: [signature]

Date/Time 030602 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Steve Grammats
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tusc, AL
Phone No.: (205) 345-0816
Date: 3/6/02
Sampled By: Steve Grammats
Sample Site: Coliseum Blvd. Plume; Montgomery, AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/6/02	9:15am	Location 24R @ 34-38' BLS	Aqu	✓		3	HCL	VOCs
↓	↓	↓	↓	✓		1	ICE	Nitrate, Alkalinity, Nitrite, Chlorides, Sulfates
3/6/02	3:15pm	Rinse (Rinse Pod)	↓	✓		1	HNO_3	Iron
		BLANK	↓	✓		3	HCL	VOCs
				✓		3	HCL	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/7/02; 4:35pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 030702 4:35pm

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TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale

Contact: Steve Grammas

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa, AL 35401

Phone No.: (205) 345-0816

Date: 3/8/02

Sampled By: Steve Grammas

Sample Site: Peterson Tract, Plant, Montgomery, AL

TTL Job No.: 0706-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: N/A
3. Initial Contents Temp.: ~~4°C~~ °C Seal Applied Yes ____ No ____
4. Sampling Status: (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: Iced
7. Comments: Tee
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/8/02	2:05p	Location #40 @ 48-52' BLS	Aqueous	✓		3	HCl	VOCs
	2:05p			✓		1	HNO3	Iron
	2:05p			✓		1		Sulfates, Nitrite, Nitrate, Alkalinity, Chlorides
		BLANK				3	HCl	VOCs
		Rinse		✓		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 3/12/02 8:20a

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 03/13/02 0830

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL. 35401
Phone No.: (205) 345-0861
Date: 3/11/02
Sampled By: CK
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No 2
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/11/02	3:15pm	Rinse (4' Rod)	Aq	X		3	HCl	VOC
3/12/02	7:45am	Rinse (4' Rod)						
3/13/02	7:45am	Rinse (4' Rod)						
3/14/02	12:28pm	Rinse (Large Bore Sampler) Blanks						
3/13/02	10:10am	Location 41 (36-40')				3		
3/13/02	10:05am	Location 41 (36-40')				1	HNO_3	Fe(II)
3/13/02	10:05am	Location 41 (36-40')				1	None	Nitrite, Nitrate, Sulfides, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1 3/14/02 5:15pm	To Montgomery Lab
2 3/15/02 1:55PM	2 3/15/02 7:00 AM
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 03/15/02 1350

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tucaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/15/02
Sampled By: CK
Sample Site: Coliseum Blvd. Plume Montgomery Al.
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: BB
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: good
7. Comments: Fee
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
3/15/02	9:25am	Location 43 (44-48')	Aq	X		3	HCl	VOC
3/15/02	7:30am	Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	HNO_3	Fe (II)
3/15/02	9:20am	Location 43 (44-48')	Aq	X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/15/02 2:00pm
2 [signature] 3/18/02 1:30pm
3

To Montgomery Lab

Received by (signed) Date/Time
1 [signature] 3/18/02 1:00pm
2
3

SHIPPING DETAILS

Air Bill #: 3002525042
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 031902 1020

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maywood Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 3/19/02
Sampled By: CK
Sample Site: Coliseum Blvd. Plume
TTL Job No.: 020-021 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/18	12:30pm	Rinse 4' Rod	Aq	X		3	HCl	VOC
3/19	5:30pm	Rinse 4' Rod Blank				3	HCl	VOC
						3	HCl	VOC
3/19	8:30am	SVPH-1 2.5'	Solid	X		4	None	VOC
3/19	4:00pm	SVPH-3 1.5'	Solid	X		4	None	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7:45pm 3/19/02	1
2	2
3	3

SHIPPING DETAILS

Air Bill #: 300254 4948
Method of Shipment: ~~Bus~~
Received By Lab:
Date/Time 032002 0845

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grossman
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al.
Phone No.: (205) 345-0816
Date: 3/21/02
Sampled By: CK
Sample Site: Col. Blvd Plume
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/21	4:30pm	Rinse 4' Rod	Ag	X		3	HCl	VOC
3/21	9:45am	Location 42 (44-48')						
3/20	1:00pm	Rinse Grout Rod						
		Blanks						
3/21	9:40am	Location 42 (44-48')		X		1	HNO_3	Fe (11)
3/21	9:40am	Location 42 (44-48')		X		1	None	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by: (signed) Date/Time
1 3/21/02 7:00pm	To Montgomery Lab
2 3/22/02 1:15PM	3/22/02 10:10AM
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab:
Date/Time 03/22/02 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Gramas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa AL 35401
Phone No.: (205) 345-0816
Date: 3/21/02
Sampled By: CK
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0200-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/21/02	2:20pm	Location 44 9'	Solid	X		4	None	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 3/21/02 7:00pm

2 3-22-02/10:20AM

3

Received by (signed) Date/Time

1 3-22-02/10:10AM

2

3

SHIPPING DETAILS

Air Bill #: 3002583793
Method of Shipment: Bus
Received By Lab:
Date/Time 032202 1020

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

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TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave.
City, State, Zip: Tuscaloosa Al. 35401
Phone No.: (205) 345-0816
Date: 3/22/02
Sampled By: CK
Sample Site: Col. Blvd Plume
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
3/22/02	11:05	Location 44 (40-44')	Aq	X		3	HCl	VOC
3/22/02	8:20am	Rinse (4' Rod)	Aq	X		3	HCl	VOC
		Blanks	Aq			3	HCl	VOC
3/22	11:00am	Location 44 (40-44')	|	|		1	HNO_3	Fe(II)
3/22	11:00am	Location 44 (40-44)	|	|		1	None	Nitrite, Nitrate, Chlorides, Sulfates, Alkalini

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/22/02 3:00pm
2 [signature] 3/25/02 9:50 AM
3

To Montgomery Lab

Received by (signed) Date/Time
1 [signature] 3/25/02 9:20 AM
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Dana Cross
Date/Time 3/26/02 6:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale

Contact: Steve Gramms

Mailing Address: 3516 Greensboro Ave

City, State, Zip: Tuscaloosa AL 35401

Phone No.: (205) 345-0816

Date: 3/26/02

Sampled By: CIS

Sample Site: Col. Blvd Plume

TTL Job No.: 0200-02f Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CIS
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/25	5:45pm	Rinse 4'Rod	Aq	X		3	HCl	VOC
3/26	8:05am	Rinse 4'Rod		X				
		Blanks						

CUSTODY TRANSFERS PRIOR TO SHIPPING

To Montgomery Lab

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 CIS 3/26/02 4:45pm	1 [signature] 3/28/02 9:45am
2 [signature] 3/28/02 9:45am	2
3	3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Hand

Received By Lab: Dana Cross

Date/Time 3/28/02 3:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard Cooper & Gale
Contact: Steve Grammas
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa Al 35401
Phone No.: (205) 345-0816
Date: 3/29/02
Sampled By: CK
Sample Site: Col. Blvd Plume
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CN
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3/29	11:15	Rinse 4' Rod	Ag	X		3	HCl	VOC
		Blanks	Ag			3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/29/02 12:15 pm
2 [signature] 4/1/02 9:25 AM
3

To [signature]
Received by (signed) Date/Time
1 [signature] 4/1/02 8:55 PM
2
3

SHIPPING DETAILS

Air Bill #: 3002744008
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 040202 1425

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 8 and 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 1
TTL Lab Number:	020507.105
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	379	
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	65.9	J
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	2590	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.8	J
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 2
TTL Lab Number:	020507.106
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	95.1	
Methylene Chloride	2.5	U
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	42.8	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	1720	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9 and 10, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 3
TTL Lab Number:	020507.107
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	33.4	J
Methylene Chloride	2.5	U
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	38.7	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	1220	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	3.5	J
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 5
TTL Lab Number:	020507.108
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	3.8	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	7.9	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	192	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	2.4	J
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 8 and 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 6
TTL Lab Number:	020507.109
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	845	
Methylene Chloride	10.0	U
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	69.9	J
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	10.0	U
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	4810	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 1 Port 7
TTL Lab Number:	020507.110
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	942	
Methylene Chloride	10.0	U
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	48.8	J
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	104	J
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	4940	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 10, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 1
TTL Lab Number:	020507.111
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	11.6	J
Methylene Chloride	2.5	U
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	29.7	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	787	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9 and 10, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 2
TTL Lab Number:	020507.112
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	10.0	U
Vinyl Chloride	10.0	U
Chloroethane	10.0	U
Trichlorofluoromethane	10.0	U
1,1-Dichloroethene	68.5	J
Methylene Chloride	10.0	U
Trans-1,2-Dichloroethene	10.0	U
1,1-Dichloroethane	10.0	U
Cis-1,2-Dichloroethene	10.0	U
Chloroform	18.3	J
1,1,1-Trichloroethane	10.0	U
Carbon Tetrachloride	10.0	U
Benzene	10.0	U
1,2-Dichloroethane	10.0	U
Trichloroethylene	4090	
1,2-Dichloropropane	10.0	U
Bromodichloromethane	10.0	U
Cis-1,3-Dichloropropene	10.0	U
Toluene	10.0	U
Trans-1,3-Dichloropropene	10.0	U
1,1,2-Trichloroethane	10.0	U
Tetrachloroethylene	10.0	U
Dibromochloromethane	10.0	U
Chlorobenzene	10.0	U
1,1,1,2-Tetrachloroethane	10.0	U
Ethylbenzene	10.0	U
M,P-Xylenes	10.0	U
O-Xylene	10.0	U
Bromoform	10.0	U
1,1,2,2-Tetrachloroethane	10.0	U
1,3-Dichlorobenzene	10.0	U
1,4-Dichlorobenzene	10.0	U
1,2-Dichlorobenzene	10.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9 and 10, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 3
TTL Lab Number:	020507.113
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	5.0	U
Vinyl Chloride	5.0	U
Chloroethane	5.0	U
Trichlorofluoromethane	5.0	U
1,1-Dichloroethene	72.8	J
Methylene Chloride	5.0	U
Trans-1,2-Dichloroethene	5.0	U
1,1-Dichloroethane	5.0	U
Cis-1,2-Dichloroethene	5.0	U
Chloroform	25.1	J
1,1,1-Trichloroethane	5.0	U
Carbon Tetrachloride	5.0	U
Benzene	5.0	U
1,2-Dichloroethane	5.0	U
Trichloroethylene	2770	
1,2-Dichloropropane	5.0	U
Bromodichloromethane	5.0	U
Cis-1,3-Dichloropropene	5.0	U
Toluene	5.0	U
Trans-1,3-Dichloropropene	5.0	U
1,1,2-Trichloroethane	5.0	U
Tetrachloroethylene	5.0	U
Dibromochloromethane	5.0	U
Chlorobenzene	5.0	U
1,1,1,2-Tetrachloroethane	5.0	U
Ethylbenzene	5.0	U
M,P-Xylenes	5.0	U
O-Xylene	5.0	U
Bromoform	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U
1,3-Dichlorobenzene	5.0	U
1,4-Dichlorobenzene	5.0	U
1,2-Dichlorobenzene	5.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 10, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 4
TTL Lab Number:	020507.114
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	2.5	U
Vinyl Chloride	2.5	U
Chloroethane	2.5	U
Trichlorofluoromethane	2.5	U
1,1-Dichloroethene	44.5	J
Methylene Chloride	4.4	J
Trans-1,2-Dichloroethene	2.5	U
1,1-Dichloroethane	2.5	U
Cis-1,2-Dichloroethene	2.5	U
Chloroform	31.4	J
1,1,1-Trichloroethane	2.5	U
Carbon Tetrachloride	2.5	U
Benzene	2.5	U
1,2-Dichloroethane	2.5	U
Trichloroethylene	1320	
1,2-Dichloropropane	2.5	U
Bromodichloromethane	2.5	U
Cis-1,3-Dichloropropene	2.5	U
Toluene	2.5	U
Trans-1,3-Dichloropropene	2.5	U
1,1,2-Trichloroethane	2.5	U
Tetrachloroethylene	2.5	U
Dibromochloromethane	2.5	U
Chlorobenzene	2.5	U
1,1,1,2-Tetrachloroethane	2.5	U
Ethylbenzene	2.5	U
M,P-Xylenes	2.5	U
O-Xylene	2.5	U
Bromoform	2.5	U
1,1,2,2-Tetrachloroethane	2.5	U
1,3-Dichlorobenzene	2.5	U
1,4-Dichlorobenzene	2.5	U
1,2-Dichlorobenzene	2.5	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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Client:	Maynard, Cooper & Gale
Sample Date:	May 6, 2002
Date Analyzed:	May 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020507.115
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Sheet 1 of 1

Chain of Custody Form

Client: MAYNARD, COOPER, GALE
Contact: STEVE GRAMMAS
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: 205-345-0816
Date: 5/6/02
Sampled By: D. Carroll, C. Klafcheck
Sample Site: Coliseum Blvd. Plume, Montgomery, AL
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: FC
8. Reporting Status: Routine; ASAP By ; Rush By 5/10/02

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
5/6/02	11:15a	CMT 1 PORT 1	Solid, Etc.	Grab	Comp			
	11:20a	CMT 1 PORT 2	AQ	✓		3	HCL/ICE	VOCs
	11:50a	CMT 1 PORT 3		✓				
	11:55a	CMT 1 PORT 5		✓				
	12:30p	CMT 1 PORT 6		✓				
	12:35p	CMT 1 PORT 7		✓				
	4:55p	CMT 2 PORT 1		✓				
	4:15p	CMT 2 PORT 2		✓				
	5:20p	CMT 2 PORT 3		✓				
	5:45p	CMT 2 PORT 4		✓				
		BLANKS		✓				

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 David Carroll 5/6/02 7:00p
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 300336 7147
Method of Shipment: BUS
Received By Lab:
Date/Time 050702 1550

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

PRIORITY
PREPAID

Pcs: 1 of 1

GPX

Schd: COP 0668

TUSCALOOSA, AL 35401

From:
T T L Inc
(205) 345-0816

TTL INC
3516 Greenboro Ave
Tuscaloosa, AL 35401
(205) 205-3450

TTL
Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: MAYNARD COOPER GALE
Contact: STEVE GRAMMAS
Mailing Address: 3516 Greensboro Ave
City, State, Zip: Tuscaloosa, AL 35401
Phone No.: 205-345-0816
Date: 5/16/02
Sampled By: D. Carroll, C. Klafcheck
Sample Site: Colisseum Blvd. Plume, Montgomery AL
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents:
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: ADI
7. Comments: FCV
8. Reporting Status: Routine; ASAP By ; Rush By 5/10/02

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
5/16/02	10:00a	CMT 1 PORT 1						
	11:20a	CMT 1 PORT 2	AQ	✓		3	HCL/TFE	VOCs
	1:50p	CMT 1 PORT 3		✓				
	11:55A	CMT 1 PORT 5		✓				
	2:30p	CMT 1 PORT 6		✓				
	12:25p	CMT 1 PORT 7		✓				
	4:55p	CMT 2 PORT 1		✓				
	1:15p	CMT 2 PORT 2		✓				
	5:20p	CMT 2 PORT 3		✓				
	5:45p	CMT 2 PORT 4		✓				
		BLANKS		✓				

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 David Carroll 5/16/02 7:00p
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 300336711 7
Method of Shipment: UPS
Received By Lab:
Date/Time 5/20/02 1552

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client:	Maynard, Cooper & Gale
Sample Date:	May 7, 2002
Date Analyzed:	May 10, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 5
TTL Lab Number:	020508.62
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	6.5	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	6.0	J
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	79.3	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.3	J
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Maynard, Cooper & Gale
Sample Date:	May 7, 2002
Date Analyzed:	May 10, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 6
TTL Lab Number:	020508.63
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	J
1,1-Dichloroethene	9.1	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	21.0	
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	11.3	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	2.7	J
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	May 7, 2002
Date Analyzed:	May 10, 2002
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (DC/CK)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	CMT 2 Port 7
TTL Lab Number:	020508.64
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	8.6	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	36.3	
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.3	J
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	3.1	J
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

TTL
Technology and Tradition

Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client:	Maynard, Cooper & Gale
Sample Date:	May 7, 2002
Date Analyzed:	May 9, 2002
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Lab Personnel
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Blank
TTL Lab Number:	020508.65
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.0	U
Vinyl Chloride	1.0	U
Chloroethane	1.0	U
Trichlorofluoromethane	1.0	U
1,1-Dichloroethene	1.0	U
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	U
Chloroform	1.0	U
1,1,1-Trichloroethane	1.0	U
Carbon Tetrachloride	1.0	U
Benzene	1.0	U
1,2-Dichloroethane	1.0	U
Trichloroethylene	1.0	U
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	U
Trans-1,3-Dichloropropene	1.0	U
1,1,2-Trichloroethane	1.0	U
Tetrachloroethylene	1.0	U
Dibromochloromethane	1.0	U
Chlorobenzene	1.0	U
1,1,1,2-Tetrachloroethane	1.0	U
Ethylbenzene	1.0	U
M,P-Xylenes	1.0	U
O-Xylene	1.0	U
Bromoform	1.0	U
1,1,2,2-Tetrachloroethane	1.0	U
1,3-Dichlorobenzene	1.0	U
1,4-Dichlorobenzene	1.0	U
1,2-Dichlorobenzene	1.0	U

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Sheet 1 of 1

Chain of Custody Form

Client: Maywood Cooper & Gale
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36109
Phone No.: (334) 244-0766
Date: 5/7/02
Sampled By: CK, DC
Sample Site: Coliseum Blvd. Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By AC ; Rush By 5/10/02

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
5/7/02	10:15am	CMT2 Port 5	AQ	X		3	HCl	VOC
↓	10:25am	CMT2 Port 6	↓	↓		↓	↓	↓
↓	12:10pm	CMT2 Port 7	↓	↓		↓	↓	↓
		Blanks	↓			↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 Christopher Clapp 5/7/02 2:00pm
2
3

Received by (signed) Date/Time

1
2
3

SHIPPING DETAILS

Air Bill #: 3003379335
Method of Shipment: Bus
Received By Lab:
Date/Time 050802 1030

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

PRIORITY
PREPAID

Pcs: 1 of 1

GPX

Schd: COP 0664
TUSCALOOSA, AL 35401

From:
T T L Inc
(205) 345-0816
TTL INC
3516 Greenboro Ave
Tuscaloosa, AL 35401
(205) 205-3450

TTL
Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: Maynard Cooper & Gale
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery Al 36109
Phone No.: (334) 244-0766
Date: 5/7/02
Sampled By: CK, DC
Sample Site: Coliseum Blvd. Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CK
3. Initial Contents Temp.: ICE °C Seal Applied Yes X No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By AC; Rush By 5/10/02

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
5/7/02	10:15am	CMT2 Part 5	AQ	X		3	HCl	VOC
↓	10:25am	CMT2 Part 6	↓	↓		↓	↓	↓
↓	12:10pm	CMT2 Part 7	↓	↓		↓	↓	↓
		Blanks	↓			↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Christopher Kuffle 5/7/02 2:00pm
2
3

Received by (signed) Date/Time
1
2
3

SHIPPING DETAILS

Air Bill #: 3003379335
Method of Shipment: Bus
Received By Lab: [signature]
Date/Time 050803 1030

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.