JULY STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

ALABAMA

DEPARTMENT OF TRANSPORTATION

August 17, 2001

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

Prepared by:
TTL, Inc.
4154 Lomac Street

DEPARTMENT OF TRANSPORTATION

July Status Report

Coliseum Boulevard Plume Investigation

- July 5, 2001 – Mini-trolls installed in piezometer PD1 and monitoring well MW101S to monitor water levels in preparation for the aquifer test.

- July 9-11, 2001 - Performed soil conductivity tests to determine first distinct clay beneath the water table at proposed locations of pump test well and observation wells OW2, OW3, and OW4 along the west branch of the Kilby ditch east of Coliseum Boulevard. Collected shelby tube samples during augering of the boreholes for the pump test well and observation wells OW2, OW3, and OW4 for analyses for permeability, dry bulk density, moisture content, porosity, and organic matter. Constructed the pump test well and observation wells OW2, OW3, and OW4.

- July 12-14, 2001 - Developed pump test well and observation wells and prepared site for upcoming pump test.

- July 13, 2001 - The depths to water were measured in all monitoring wells and piezometers associated with the Coliseum Boulevard Plume Investigation. **TTL** personnel treated 1,355 gallons of wastewater that was generated and stored in drums at the ALDOT staging area. Discharge of the treated wastewater (stored in drums at the ALDOT staging area) is pending analytical results of samples collected of the treated water.

- July 16, 2001 - Set up hermit data logger and placed transducers in pump test well and observation wells. Performed step draw down test at pump test well.

- July 17-20, 2001 - Performed 72-hour pump test. Ground-water samples were collected from the pump test well at 30 minutes, 4 hours, 24 hours, 48 hours and 72 hours after initiation of the test. The samples were transported to **TTL's** laboratory and analyzed for volatile organic compounds (VOCs), alkalinity, chloride, nitrate, nitrite, sulfate, hardness, calcium, iron, magnesium, manganese, and sodium. The analytical results for the VOC analyses are attached.

- July 19, 24-27, 2001 - **TTL** personnel treated 18,122 gallons of wastewater recovered and stored in frac tanks during the 72-hour pump test. Analytical results of samples collected of the treated water are attached. Discharge of the wastewater is pending analytical results of samples of water that has been retreated (see attached memo).

- July 24, 2001 – Surface-water samples collected along the main and west branches of the Kilby ditch and tributaries of Three Mile Branch (see Figure 1). The samples were analyzed for VOCs (see Table 1).

- July 26, 2001 - The depths to water were measured in monitoring wells and piezometers along the main and the west branches of the Kilby ditch.

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4154 Lomac Street • Montgomery, AL 36106-2886 • Telephone 334-244-0766 • Telefax 334-244-6668

MEMORANDUM

To: Buddy Cox

From: Sheryle Reeves

Subject: Analytical Results of Treated Water

Date: August 14, 2001

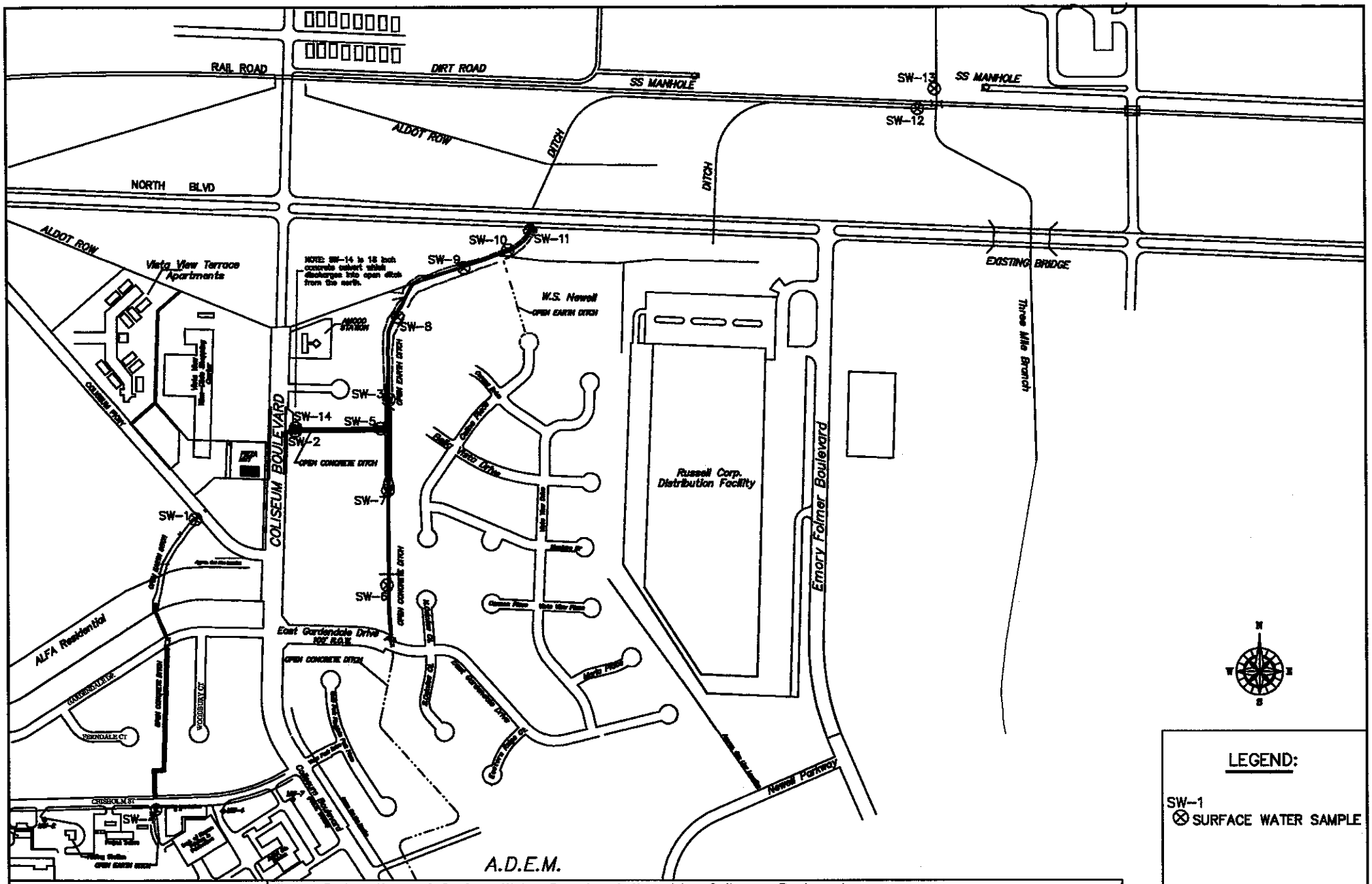
This memo is to explain the apparent anomalous analytical results obtained on some of the samples collected during treatment of the water generated during the pump test. During the treatment process, several water samples were collected. These represented untreated water, water after having passed through the first carbon filter, water having passed through the second carbon filter, and water after being placed back in the frac tank. Review of the analytical results indicated immediate and complete breakthrough on the first carbon filter (i.e., analytical results of samples collected after the first carbon filter were similar to the untreated water).

After examination of the treatment system, **TTL** has concluded that the sample port located on the first carbon filter did not provide for the collection of a water sample after having passed through the filter, but rather a sample of the water prior to passing through the filter. Therefore, the analytical results of samples indicating collection after the first carbon filter should be disregarded.

TTL has re-treated a portion of the water, and collected samples after the first carbon filter and after the second carbon filter. The results of these samples should demonstrate that the carbon filters have not exhibited breakthrough, and can be used to treat the remaining water. The small concentration of TCE in the treated water in the frac tank is from the water that cannot be completely removed from the frac tank because of the construction of the tank. The toluene, ethyl benzene, and xylenes are believed to be attributed to the fact that the frac tank had been painted before it was delivered to the site.

TTL will begin treating and discharging water directly to the sanitary sewer on August 15, 2001. Samples will be collected daily after the first and second carbon filters for documentation of treatment.

F:\2000\0700\024\watertreatment.doc



LEGEND:

SW-1
⊗ SURFACE WATER SAMPLE

SCALE: 1" = 700'

TTL, Inc.

PRACTICING IN THE GEOSCIENCES

Figure 3. Locations of Surface Water Samples 1 thru 14; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 010725

Note: Base map is a composite of an initial base map compiled by Goodwyn, Mills & Cawood Environmental Consultants, Inc. and a June 16, 2000 map by Larry E. Speake & Associates. The June 16, 2000 map of Larry Speake & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

Table 1. Results of analyses[1] of surface-water samples; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figures 1 and 2.]

	SAMPLE SITE													
	SW-1*	SW-2*	SW-3**	SW-4*	SW-5*	SW-6**	SW-7**	SW-8**	SW-9**	SW-10**	SW-11**	SW-12	SW-13	SW-14***
	Concentrations are expressed in micrograms/liter													
July 24, 2000 (No storm events several days prior to sampling)														
Trichloroethylene	NS	15	10.2	NS	----	----	----	----	----	----	----	----	----	----
cis, 1,2-Dichloroethene	NS	2.5	2.8	NS	----	----	----	----	----	----	----	----	----	----
Toluene	NS	13.4	<1.0	NS	----	----	----	----	----	----	----	----	----	----
Chloroform	NS	3.2	<1.0	NS	----	----	----	----	----	----	----	----	----	----
August 2, 2000 (Storm event during sampling)														
Trichloroethylene	<1.0	<1.0	<1.0	NS	----	----	----	----	----	----	----	----	----	----
August 11, 2000 (Storm event prior evening - August 10, 2000)														
Trichloroethylene	<1.0	<1.0	2.1	<1.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	----
Toluene	<1.0	1.1	<1.0	<1.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	----
September 18, 2000														
Trichloroethylene	NS	<1.0	2.1	NS	----	----	----	----	----	----	----	----	----	----
Bromodichloromethane	NS	6.2	1.8	NS	----	----	----	----	----	----	----	----	----	----
Dibromochloromethane	NS	1.5	<1.0	NS	----	----	----	----	----	----	----	----	----	----
Chloroform	NS	41.6	10.3	NS	----	----	----	----	----	----	----	----	----	----
November 9, 2000 (Storm event during sampling)														
Trichloroethylene	<1.0	<1.0	<1.0	<1.0	----	----	----	----	----	----	----	----	----	----
December 15, 2000														
Trichloroethylene	<1.0	<1.0	8.1	<1.0	----	----	----	----	----	----	----	----	----	----
Toluene	<1.0	2.5	<1.0	<1.0	----	----	----	----	----	----	----	----	----	----
January 31, 2001														
Trichloroethylene	<1.0	34.5	17.4	<1.0	----	----	----	----	----	----	----	----	----	----
Chloroform	<1.0	1.3	<1.0	<1.0	----	----	----	----	----	----	----	----	----	----
February 27, 2001														
Trichloroethylene	<1.0	100	21.1	<1.0	----	----	----	----	----	----	----	----	----	----
1,1 - Dichloroethene	<1.0	1.1	<1.0	<1.0	----	----	----	----	----	----	----	----	----	----
cis, 1,2-Dichloroethene	<1.0	1.5	1.4	<1.0	----	----	----	----	----	----	----	----	----	----
Chloroform	<1.0	1.2	<1.0	<1.0	----	----	----	----	----	----	----	----	----	----
March 30, 2001														
Trichloroethylene	<1.0	156	68.0	<1.0	157	<1.0	<1.0	51.9	33.8	19.7	18.3	<1.0	3.4	----
1,1 - Dichloroethene	<1.0	2.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	----
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	----
April 26, 2001														
Trichloroethylene	<1.0	156	66.6	NS	88.8	NS	NS	46.4	21.9	16.7	15.7	1.8	<1.0	----
1,1 - Dichloroethene	<1.0	2.0	<1.0	NS	1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	----
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	NS	<1.0	NS	NS	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	----
May 25, 2001														
Trichloroethylene	<1.0	140	24.3	<1.0	95.5	<1.0	<1.0	23.8	31.6	21.7	21.3	1.4	<1.0	----
1,1 - Dichloroethene	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	----
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	----
June 7, 2001														
Trichloroethylene	----	----	----	----	----	----	----	----	----	----	----	----	----	21.4
June 21, 2001														
Trichloroethylene	<1.0	118	39.6	<1.0	87.9	<1.0	<1.0	19.4	15.6	9.8	10.5	1.1	<1.0	14.8
1,1 - Dichloroethene	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0
July 24, 2001														
Trichloroethylene	<1.0	154	46.0	NS	68.2	NS	NS	25.4	15.1	5.9	6.3	<1.0	<1.0	12.0
1,1 - Dichloroethene	<1.0	1.5	<1.0	NS	<1.0	NS	NS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	NS	1.0	NS	NS	1.3	1.0	<1.0	<1.0	<1.0	<1.0	<1.0

* West Kilby ditch

** Main Kilby ditch

*** Sample collected from the 18" culvert which discharges into the West Branch of the Kilby Ditch, immediately east of Coliseum Boulevard.

NS = Not sampled (sample site was "dry").

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:	July 17, 2001
Date Analyzed:	July 19, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (BB)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Frac Tank Water
TTL Lab Number:	010718.37
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	1.1	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	10.8	J
M,P-Xylenes	214	
O-Xylene	196	
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 17, 2001
Date Analyzed:	July 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:	010718.38
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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Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, & Gale
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 7-17-01
Sampled By: DB
Sample Site: ALDOT Central Area
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.: RC °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 ____

Ask Ashley

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-17	3:00pm	ALDOT Frac Tank Water	Aqueous	X		4	HCl	VOC
↓	↓	Blank	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 Gail Baker 7-17-01 5:30 PM	1 [signature] 7-17-01 5:30 PM
2 [signature] 7-18-01 8:50 AM	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 07/18/01 8:50

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:	July 17, 2001
Date Analyzed:	July 19, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pump Test Well (30 min.)
TTL Lab Number:	010718.39
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	3.0	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	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	898	
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 17, 2001
Date Analyzed:	July 20, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pump Test Well (4 hrs.)
TTL Lab Number:	010718.40
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	3.5	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	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	866	
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:	July 17, 2001
Date Analyzed:	July 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:	010718.41
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

mcg071601WRK.xls

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: Tuse, AL 35401
Phone No. (205) 345-0816
Date: 7/17/01
Sampled By: Steve Grammas
Sample Site: Olin Blvd. Plume Trust; Montgomery AL
TTL Job No.: 0700-624 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 ____

Ask Ashley

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/17/01	9:40a	Pump Test Well (30 min sample)	Aq	✓		4	HCl, Ice	VOCs
						1	Ice	Nitrite, Nitrate, Chloride, Sulfate
						1	HNO_3	Fe, Mg, Ca, Na
						1	HNO_3	Hardness
						1	Ice	Alkalinity
7/17/01	1:10p	Pump Test Well (4-hr. sample)	Aq			4	HCl, Ice	VOCs
						1	Ice	Nitrite, Nitrate, Chloride, Sulfate
						1	HNO_3	Fe, Mg, Ca, Na
						1	HNO_3	Hardness
						1	Ice	Alkalinity
7/18/01		BLANK	Aq			2	Ice	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7/17/01; 4:23p
2 [signature] 7-18-01 8:50 AM
3

Received by (signed) Date/Time
1 [signature] 7/17/01 4:23 PM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 07/18/01 8:5

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. 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:	July 18, 2001
Date Analyzed:	July 23, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (JRS)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pump Test Well (24 hrs.)
TTL Lab Number:	010720.35
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	3.7	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	953	
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. 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:	July 18, 2001
Date Analyzed:	July 23, 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:	010720.36
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

mcg071601WRK.xls

TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Alabama Department of Transportation
Contact: S. Grammes
Mailing Address:
City, State, Zip:
Phone No.:
Date: 7/18/01
Sampled By: JRS
Sample Site: Coliseum Boulevard Plume Investigation
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.: 4° °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			
7/18	9:10	24 hour	Aqueous	X		4	HCL	VOCs
	9:10	24 hour				1	HNO_3	Nitrate/Nitrite/chloride/Sulfate-Hardness
	9:10	24 hour				1	HNO_3	Fe, Ca, Mg, Na, Mn
	9:10	24 hour				1	None	Alkalinity
	9:10	24 hour				1	None	Nitrat/Nitrite/chloride/Sulfate/[illegible]
7/18/01	—	Trip Blanks					HCL	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7/18/01 4:00 pm
2 [signature] 7/19/01 0700
3 [signature] 7/20/01 0800

Received by (signed) Date/Time
1 [signature] 7/18/01 4:00 p.m.
2 [signature] 7/20/01 0700
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 072001 9:00

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.

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:	July 19, 2001
Date Analyzed:	July 20, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (JRS/STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pump Test Well (48 hrs.)
TTL Lab Number:	010720.28
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	3.5	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	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	973	
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

mcg071601WRK.xls

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:	July 19, 2001
Date Analyzed:	July 20, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (JRS/STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Frac Tank @ Pump Site
TTL Lab Number:	010720.29
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	2.3	J
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	668	
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	6.8	J
M,P-Xylenes	29.9	
O-Xylene	21.6	
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. 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:	July 19, 2001
Date Analyzed:	July 20, 21 and August 1, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (JRS/STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Frac Tank @ ALDOT
TTL Lab Number:	010720.30
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	373	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	2.0	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	20.6	
M,P-Xylenes	91.2	
O-Xylene	50.4	
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. 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:	July 17, 2001
Date Analyzed:	July 21, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (JRS/STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Treated Water from Frac Tank @ ALDOT
TTL Lab Number:	010720.31
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. 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:	July 19, 2001
Date Analyzed:	July 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:	010720.32
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

mcg071601WRK.xls

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: 7/19/01
Sampled By: Jim Smith / Steve Grammas
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			
7/19/01	8:10am	Pump test well (4B-hour)	Aq	✓		4	HCl	VOCs
				✓		1	HNO_3	Nitrate, Nitrite, Chloride, Sulfate, Hardness
						1	HNO_3	Fe, Ca, Mn, Mg, Na
						1	Ice	Alkalinity
						1	Ice	Nitrate, Nitrite, Chloride, Sulfate, Hardness
7/19/01	11:50am	Frac tank @ Pump site	Aq	✓		3	HCl	VOCs
	2:15pm	Frac tank @ ALDOT	aq.	✓		3	HCl	VOCs
	4:20pm	Treated Water from Frac tank @ ALDOT	aq.	✓		3	HCl	VOCs
	—	Blanks	aq.	✓		4	HCl	VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature]	7/20/01 0700	1 [signature]	7/20/01 0700
2 [signature]	7/20/01 0900	2	
3		3	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 072001 9:00

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.

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:	July 20, 2001
Date Analyzed:	July 21, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (STG)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pump Test Well (72 hrs.)
TTL Lab Number:	010720.50
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	4.0	J
Methylene Chloride	1.0	U
Trans-1,2-Dichloroethene	1.0	U
1,1-Dichloroethane	1.0	U
Cis-1,2-Dichloroethene	1.0	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	964	
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. 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:	July 20, 2001
Date Analyzed:	July 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:	010720.51
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

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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: 7/20/01

Sampled By: Steve Grammas

Sample Site: Gulsemu Pebble Plant Inst.; 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			
7/20/01	9:10am	Pump Test Well (72 hr.)	Aq	✓		4	HCL	VOCs
				✓		1	HNO_3	Nitrate, Nitrite, Chloride Sulfate, hardness
				✓		1	HNO_3	Fe, Ca, Na, Mn, Mg
				✓		1	None ICE	Alkalinity
				✓		1	ICE	Nitrate, Nitrite, chloride sulfate, hardness
		Trip Blank				4		VOCs

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 Steve J. Grammas; 7/20/01; 2:35pm

2 ____

3 ____

Received by (signed) Date/Time

1 ____

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: ____

Received By Lab: ____

Date/Time 07/20/01 2:35

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.

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:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-1
TTL Lab Number:	010725.113
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. 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:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-2
TTL Lab Number:	010725.114
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	1.5	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	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	1.0	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. 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:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-3
TTL Lab Number:	010725.115
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	46.0	
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

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TTL, Inc. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-5
TTL Lab Number:	010725.116
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	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	68.2	
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-8
TTL Lab Number:	010725.117
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	25.4	
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-9
TTL Lab Number:	010725.118
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	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	15.1	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

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TTL, Inc. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-10
TTL Lab Number:	010725.119
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	5.9	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

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TTL, Inc. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-11
TTL Lab Number:	010725.120
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

072301.xls

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:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-12
TTL Lab Number:	010725.121
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. 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:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-13
TTL Lab Number:	010725.122
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (GM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	SW-14
TTL Lab Number:	010725.123
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	12.0	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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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:	July 24, 2001
Date Analyzed:	August 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:	010725.124
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	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 2

Client: Maynard, Cooper, & Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/24/01
Sampled By: GM
Sample Site: ALDOT Ditch
TTL Job No.: 0700024 **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			
7/24	1:50pm	SW - 1	aq.	✓		4	HCl	VOC
	2:00 pm	2						
	2:15 pm	3						
	2:20 pm	5						
	2:35 pm	8						
	2:40 pm	9						
	2:55 pm	10						
	3:00 pm	11						
	3:20 pm	12						
	3:15 pm	13						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 7-24-01 5PM
2 7/25/01 1115
3

Received by (signed) Date/Time
1 7-24-01 5pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/25/01 11:15

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.

TTL, INC.
Chain of Custody Form

Sheet 2 of 2

Client: Maynard, Cooper, + Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/24
Sampled By: BM
Sample Site: ALDOT Ditch
TTL Job No.: 070024 **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			
7/24	2:05 pm	SW-14	aq.	✓		4	HCl	VOC
↓	—	Blanks	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7-24-01 5pm
2 [signature] 7/25/01 1115
3

Received by (signed) Date/Time
1 [signature] 7-24-01 5pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072801 11:15

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.

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:	July 24, 2001
Date Analyzed:	August 3, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM/BB)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Pre-Treated Frac Tank
TTL Lab Number:	010725.125
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	317	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	2.3	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	5.3	J
M,P-Xylenes	3.5	J
O-Xylene	58.0	
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. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 2-3, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (KM/BB)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 1
TTL Lab Number:	010725.126
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	322	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	2.3	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	5.0	J
M,P-Xylenes	2.1	J
O-Xylene	56.9	
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. 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:	July 24, 2001
Date Analyzed:	August 3, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM/BB)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 2 (Finished)
TTL Lab Number:	010725.127
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.

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TTL, Inc. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 24, 2001
Date Analyzed:	August 3, 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:	010725.128
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.

V. Jesse Burns, Chemist

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TTL, INC.
Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, + Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery AL 36106
Phone No.: 334-244-0766
Date: 7/24/01
Sampled By: KM / BB
Sample Site: ALDOT
TTL Job No.: 0700024 **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			
7/24	3:00 pm	Pretreated Frac tank	aq.	✓		4	HCl	VOC
↓	3:05	Carbon Filter 1	↓	↓		3	↓	↓
	3:10	Carbon Filter 2 (Finished)				4		
↓	—	Blanks				↓		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7/25/01 0900
2 [signature] 7/25/01 1115
3

Received by (signed) Date/Time
1 [signature] 7/25/01 0900
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab: [signature]
Date/Time 072501 1115

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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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:	July 26, 2001
Date Analyzed:	August 3-4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 1
TTL Lab Number:	010727.113
TTL Job Number:	0700-024-06

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG
Chloromethane	1.8	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	270	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.0	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	43.4	
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. 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:	July 26, 2001
Date Analyzed:	August 3, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 2
TTL Lab Number:	010727.114
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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TTL, Inc. PRACTICING IN THE GEOSCIENCES

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Client:	Maynard, Cooper & Gale
Sample Date:	July 26, 2001
Date Analyzed:	August 3, 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:	010727.115
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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TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, + Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/26/01
Sampled By: KM
Sample Site: ALDOT
TTL Job No.: 0700024 **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: ____
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			
7/26	1:00 p.m.	Carbon Filter 1	aq.	✓		4	HCl	VOC
↓	1:05	Carbon Filter 2	↓	↓		↓	↓	↓
↓		Blanks	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 Kle Maney 7-27-01 9:00a.m.
2 Bob Baker 7-27-01 2:45p.m.
3

Received by (signed) Date/Time
1 Bob Baker 7-27-01 9:00a.m.
2
3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: Hand
Received By Lab: WRW
Date/Time 7-27 2:45

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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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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:	July 27, 2001
Date Analyzed:	August 6, 2001
Analyzed By:	TTL Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	TTL Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 1
TTL Lab Number:	010727.116
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	196	
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	J
O-Xylene	41.5	
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. 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:	July 27, 2001
Date Analyzed:	August 4, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 2 (Finished)
TTL Lab Number:	010727.117
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. 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:	July 27, 2001
Date Analyzed:	August 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:	010727.118
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, & Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/27/01
Sampled By: KM
Sample Site: ALDOT
TTL Job No.: 0700024 **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: ____
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			
7/27	9:10am	Carbon Filter 1	aq.	✓		4	HCl	VOC
↓	9:15	Carbon Filter 2 (finished)	↓	↓		↓	↓	↓
		Blanks						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 7-27-01 10:50a.m	1 Brad Baker 7-27-01 10:4 a.m.
2 Brad Baker 7-27-01 2:45p.m.	2
3	3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: Hand
Received By Lab: WRW
Date/Time 7-27 2:45

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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:	July 25, 2001
Date Analyzed:	August 3, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 1
TTL Lab Number:	010727.110
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	259	
1,2-Dichloropropane	1.0	U
Bromodichloromethane	1.0	U
Cis-1,3-Dichloropropene	1.0	U
Toluene	1.4	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	50.4	
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. 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:	July 25, 2001
Date Analyzed:	August 3, 2001
Analyzed By:	**TTL** Personnel (VJB)
Sample Type:	Aqueous
Sampled By:	**TTL** Personnel (KM)
Sample Site:	Coliseum Boulevard Plume Montgomery, Alabama
Sample ID:	Carbon Filter 2 (Finished)
TTL Lab Number:	010727.111
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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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:	July 25, 2001
Date Analyzed:	August 3, 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:	010727.112
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

072301.xls

TTL, INC.

Chain of Custody Form

Sheet 1 of 1

Client: Maynard, Cooper, + Gayle
Contact: Ashley Cousins
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/25/01
Sampled By: KM
Sample Site: ALDOT
TTL Job No.: 0700024 **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			
7/25	1:45pm	Carbon Filter 1	aq.	✓		4	HCl	VOC
↓	1:50	Carbon Filter 2 (finished)	↓	↓		↓	↓	↓
↓		Blanks	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 7-27-01 9:00 a.m.	1 Brad Baker 7-27-01 9:00 a.m.
2 Brad Baker 7-27-01 2:45 p.m.	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: WRW
Date/Time 7-27 2:45

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.