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May 1, 2001

Mr. Barney Chan
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MAY 04 2001

Subject: Report of Findings
Former Union Pacific Railroad Site
Western Edge of Fruitvale Avenue to Eastern Edge of 37th Avenue,
Oakland, CA
CDM Project No.: 8245-28614-WD21

Dear Mr. Chan:

On behalf of the San Francisco Bay Area Rapid Transit District (BART), Camp Dresser & McKee Inc. (CDM) is pleased to submit this Report of Findings that summarizes the results of soil and groundwater sampling at the former railroad right-of-way adjacent to the existing station for the Fruitvale Station Intermodal Project.

Please contact Michael Gray at (925) 933-2900 if you have any questions regarding this Report or this project.

Very truly yours,

CAMP DRESSER & McKEE INC.

Michael G. Gray, R.G., C.E.G.
Work Directive Manager

cc: Gary Jensen, BART
Janie Layton, BART
Bob Engle, BART

Attachment

Report of Findings for Screening Level Soil and Groundwater Sampling

BART Fruitvale Station Oakland, California

April 30, 2001

Prepared for:

San Francisco Bay Area Rapid Transit District
800 Madison Avenue
Oakland, CA 94607

Prepared by:

Camp Dresser & McKee Inc.
100 Pringle Avenue, Suite 300
Walnut Creek, California 94596

WD-21A
Agreement No. 7G8210
CDM Project No. 8245-28614-WD21A – Report 2

Report

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BART Fruitvale Station
Oakland, California

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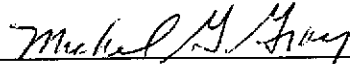
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Report

The information contained in this report has received appropriate technical review and approval. The conclusions presented represent professional judgements and are based upon the findings identified in the report. The interpretation of such data is based on professional experience and background. This acknowledgement is made in lieu of all warranties, either expressed or implied.

Reviewed and Approved by



Michael G. Gray

California Certified Engineering Geologist No. 6002



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Section 1

Introduction

Camp Dresser & McKee Inc. (CDM) prepared this letter report to summarize the results of the screening level soil and groundwater sampling performed within the former Union Pacific Railroad (UPRR) Corridor (site) adjacent to the San Francisco Bay Area Rapid Transit District (BART) Fruitvale Station (see Figure 1, Site Location Map). The site extends the width of the former UPRR corridor from Fruitvale Avenue to 37th Street, Oakland, California. All Tables and Figures are presented following Section 4, Summary and Conclusions.

1.1 Background

Planned improvement activities at the site include construction of a multi-story parking structure and an at-grade parking lot to accommodate patrons for the forthcoming transit village development. Within the site between Fruitvale Avenue and 37th Street, surficial soils will be excavated to a depth of approximately two feet and foundation piers will be placed between Fruitvale Avenue and 33rd Avenue.

BART intends to leave undisturbed contaminated soil in place and reuse some non-hazardous contaminated soil within the site. Engineering and institutional controls will then be put in place by BART to protect human health and the environment.

On January 19, 2000, ARS Inc. issued an *Amended Site Mitigation and Soil Removal Work Plan*. This document presented the results of its soil investigation performed between 33rd Avenue and 37th Avenue. The investigation included the excavation of 21 test pits and collection of composite soil samples from each pit. The results of the ARS Inc. study indicated that elevated concentration of lead and arsenic were detected at ARS pit locations 7, 12 and 17/18.

In March 2000, CDM advanced 24 Geoprobe borings between Fruitvale Avenue and 37th Street for collection and analysis of surficial soil samples. The purpose of this sampling was to characterize surficial soils within the area of proposed improvements for waste disposal purposes. Results of this investigation identified elevated levels of petroleum hydrocarbons, arsenic and lead. Based upon these results, selected samples were analyzed using the soluble threshold limit concentration (STLC) and toxicity characteristic leaching procedure (TCLP) for arsenic and lead. Results of these analyses indicated that certain areas were either impacted (Non-RCRA hazardous) or not impacted (non-hazardous). The results of CDM's investigation were presented in the report titled *Revised Final In-Situ Characterization Report*, dated May 30, 2000.

On July 17, 2000, CDM issued a *Workplan for Screening Level Soil and Groundwater Sampling* at the site. The purpose of the Workplan was to present the rationale and methodology for additional sampling and analysis of surficial soil and groundwater

within the UPRR Corridor between Fruitvale Avenue and 37th Street. The objective of the sampling is to supplement previous investigations on the former UPRR corridor to complete a screening level contaminant evaluation of soil and groundwater beneath the site. Specifically, the purpose of this evaluation is to (1) determine if there are any additional contaminants of concern on the site beyond those previously characterized by BART and (2) determine if contaminants on the surface of the site have impacted or threaten to impact the groundwater.

On September 11, 2000, the ACDEH issued a letter approving CDM's Workplan dated July 17, 2000, as long as specific provisions were met (ACDEH, 2000). ACDEH requested that soil and groundwater samples be collected adjacent to ARS pit locations 7, 12, and 17/18, and CDM boring location D1/D2. The ACDEH further requested that additional soil samples be collected from three randomly selected locations across the project site.

1.2 Purpose

The purpose of this report is to present the soil and groundwater analytical results of samples collected adjacent to: ARS pit locations 7, 12 and 17/18, CDM boring location D1/D2; and to present soil results from three randomly selected locations across the project site. The objective of the sampling was to supplement previous investigations on the former UPRR corridor to complete a screening level contaminant evaluation of soil and groundwater beneath the site.

Section 2

Sampling Methodology and Laboratory Analyses

This section describes the sampling approaches to further characterize surface soil and groundwater beneath the site.

2.1 Sampling Approach

In accordance with the ACDEH's letter dated September 11, 2000, sampling consisted of collection of discrete soil and grab groundwater samples adjacent to ARS pit locations 7, 12 and 17/18, and CDM boring location D1/D2; and collection of soil samples from three randomly selected locations across the project site. A total of 7 locations were identified for soil sample collection (S1 through S7) and a total of four locations were identified for groundwater sample collection (GW1 through GW4). Samples were collected using hollow stem auger (HSA) drill methods on September 27, 2000 and January 22, 2001.

2.2 Soil Sampling

On September 27, 2000, seven soil borings were advanced at the site using a HSA. Soil samples for laboratory analysis were collected at depths of 2, 3.5, 4, and 6 feet below ground surface (bgs). Figures 2a and 2b, Sample Location Map, illustrates the location of each boring. The soil samples were submitted to Chromalab, Inc, a state-certified laboratory for the following analyses:

Analytes	EPA Method
Volatile organic compounds (VOCs)	8260A
Semi-volatile organic compounds (SVOCs)	8270A
Total Extractable Petroleum Hydrocarbons (TEPH) as motor oil and diesel	8015M
TEPH as gas, benzene, toluene, ethylbenzene, and total xylenes (BTEX) and methyl tertbutyl ether (MTBE)	8020/8015M
California Action Metals (CAM) 17 metals	6010B/7471A

2.3 Grab Groundwater Sampling

On September 27, 2000, four soil borings were advanced at the site using a HSA for the collection of grab groundwater samples. Due to an underground obstruction, borehole S7/GW4 could not be drilled to groundwater. Grab groundwater sampling procedures are presented in Appendix C. Figures 2a and 2b illustrate the location of each grab groundwater sampling location. The groundwater samples collected on September 27, 2000, were submitted to Chromalab, Inc., a state-certified laboratory for the following analyses:

Analytes	EPA Method
VOCs	8260A
SVOCs	8270A
TEPH as motor oil and diesel	8015M
TEPH as gas, BTEX and MTBE	8020/8015M
CAM 17 metals	6010B/7471A

On January 22, 2001, three soil borings were advanced at the site using a HSA for the collection of grab groundwater samples. Groundwater samples collected on January 22, 2001, were filtered through a 0.45-micron filter and analyzed for CAM17 metals by EPA Methods 6010B and 7471A and for TDS by EPA Method 160.1.

The list of references is included as Appendix A, References. Copies of boring logs S1/GW1, S2/GW2, S3/GW3, and S7/GW4 are presented in Appendix B, Boring Logs. Soil sampling procedures are included in Appendix C, Sample Collection Methods. A copy of the boring permit is included in Appendix D, Permits.

Section 3

Field Sampling Results

This section presents the results of chemical analyses performed on soil and grab groundwater samples collected at the Site by CDM on September 27, 2000. To facilitate presentation of the data, the following sections are organized by media (soil and groundwater), and then by constituent type.

The certified analytical report and chain-of custody documentation is provided in Appendix E, Certified Analytical Report.

3.1 Soil Sample Analytical Results

The following subsections present the soil analytical results conducted on samples collected at the Site. Fourteen soil samples were collected from seven soil borings at depths of two, three and one-half, four, and six feet bgs. Each sample was analyzed for CAM 17 metals, TPHg, TPHd, TPHmo, BTEX, MTBE, VOCs, and SVOCs. Soil sample analytical results are presented in Table 1, Summary of Selected Soil Analytical Results.

3.1.1 Metals

Arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc were detected above detection limits in all soil samples. Mercury was detected in all samples except S7, 2-2.5. Beryllium was detected in all samples except S1, 3.5-4, S7, 2-2.5 and S7, 3.5-4. Antimony, cadmium, molybdenum, selenium, silver, and thallium were not detected above laboratory reporting limits.

3.1.2 Total Petroleum Hydrocarbons, BTEX, and MTBE

The analytical results indicate detections of toluene, TPHd and TPHmo in the soil. TPHg, benzene, ethylbenzene, xylenes, and MTBE were not detected above laboratory reporting limits.

3.1.3 Volatile Organic Compounds

The analytical results indicate acetone, methylene chloride and toluene in the soil were detected above laboratory reporting limits.

3.1.4 Semi-Volatile Organic Compounds

The analytical results indicate no detections of any SVOCs.

3.2 Grab Groundwater Sample Analytical Results

The following subsections present groundwater analytical results conducted on groundwater samples collected from the Site. Grab groundwater samples were collected from three borings S1/GW1, S2/GW2, and S3/GW3 on September 27, 2000 and January 22, 2001. Samples collected in September 2000 were analyzed for total

CAM 17 metals, TPHg, TPHd, MTBE, BTEX, VOCs, and SVOCs. Samples collected in January 2001 were analyzed for TDS and CAM 17 metals following laboratory filtration through a 0.45-micron filter. The groundwater analytical results are presented on Table 2, Summary of Selected Grab Groundwater Analytical Results

3.2.1 Metals

The unfiltered sample results from groundwater samples collected on September 27, 2000 indicate that arsenic, barium, chromium cobalt, copper, lead, nickel, vanadium, zinc, and mercury were detected in each sample. These results represent total metals concentrations attributed to suspended sediment in the grab groundwater samples. Of these metals, only barium, cobalt, nickel, and zinc were detected above detection limits in the filtered groundwater samples collected on January 22, 2001. These results represent dissolved metals concentrations in groundwater. TDS concentrations ranged from 280 to 680 mg/l.

Based on these results, groundwater at the site does not appear to be adversely impacted by metals.

3.2.2 Total Petroleum Hydrocarbons, BTEX, and MTBE

The results indicate that no petroleum hydrocarbons were detected from samples S1/GW1 and S2/GW2. Detection of TPHg, TPHd, MTBE and BTEX were reported in sample S3/GW3.

3.2.3 Volatile Organic Compounds

Analytical results indicate that no VOCs were detected in the groundwater at the Site. No VOC analytes were detected above laboratory reporting limits in any of the samples analyzed.

3.2.4 Semi-Volatile Organic Compounds

Analytical results indicate that no SVOCs were detected in the groundwater at the Site. No SVOC analytes were detected above laboratory reporting limits in any of the samples analyzed.

3.3 Quality Assurance and Quality Control

This section presents a discussion of quality assurance (QA) and quality control (QC) procedures.

3.3.1 Modifications From Governing Documents

Soil and groundwater sampling, analyses, and documentation were performed in general accordance with CDM's Workplan for Screening Level Soil and Groundwater Sampling, BART Fruitvale Station (CDM, 2000b). Modifications to CDM's workplan requested by ACDEH are presented below.

- As approved by the ACDEH, soil sampling locations were reduced from 12 to 7 and the number of soil samples were reduced from 15 to 14.
- Soil sample locations were changed from evenly-spaced locations across the site to having four soil sample locations target previous sample locations (ARS locations 7, 12, and 17/18 and CDM locations D1/D2), with 3 locations randomly selected
- Grab groundwater sample locations targeted previous soil sample locations and were not evenly spaced across the site. Locations were selected to address ACDEH areas of concern.

The following modifications to CDM's workplan resulted from conditions in the field:

- Underground obstruction(s) prevented the collection of grab groundwater sample S7/GW4
- As a result of damaged equipment, groundwater samples collected on September 27, 2000 were collected by lowering a bailer through the hollow stem augers in lieu of using a Hydropunch sampler. Groundwater samples collected on January 22, 2001 were collected using the same sampling technique to maintain consistency with the September 2000 sampling.

Section 4

Summary and Conclusions

Soil and groundwater sampling at the site indicate low levels of metals and other constituents likely related to past railroad operations at the site. Acetone, methylene chloride, toluene, TPHd, TPHmo, arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc were detected in the soil sample analytical results. Groundwater sample analytical results indicated detections of TPHg, TPHd, MTBE, and BTEX in only one of the three groundwater samples. The presence of these constituents in the single groundwater sample is likely attributed to an off-site source, as these contaminants were not measured at appreciable concentrations in soils deeper than approximately 5 feet bgs. Total metals analysis of the groundwater indicated arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium, zinc, and mercury were detected in all three groundwater samples collected on September 27, 2000. Filtered groundwater samples collected January 22, 2001, indicated detections of barium, cobalt, nickel, and zinc. In general, these sampling results indicate that no additional contaminants of concern have been identified during this sampling, and that the surface soil contamination identified during this investigation does not appear to have impacted the groundwater beneath the site.

Table 1
Summary of Selected Soil Analytical Results
BART Fruitvale Station

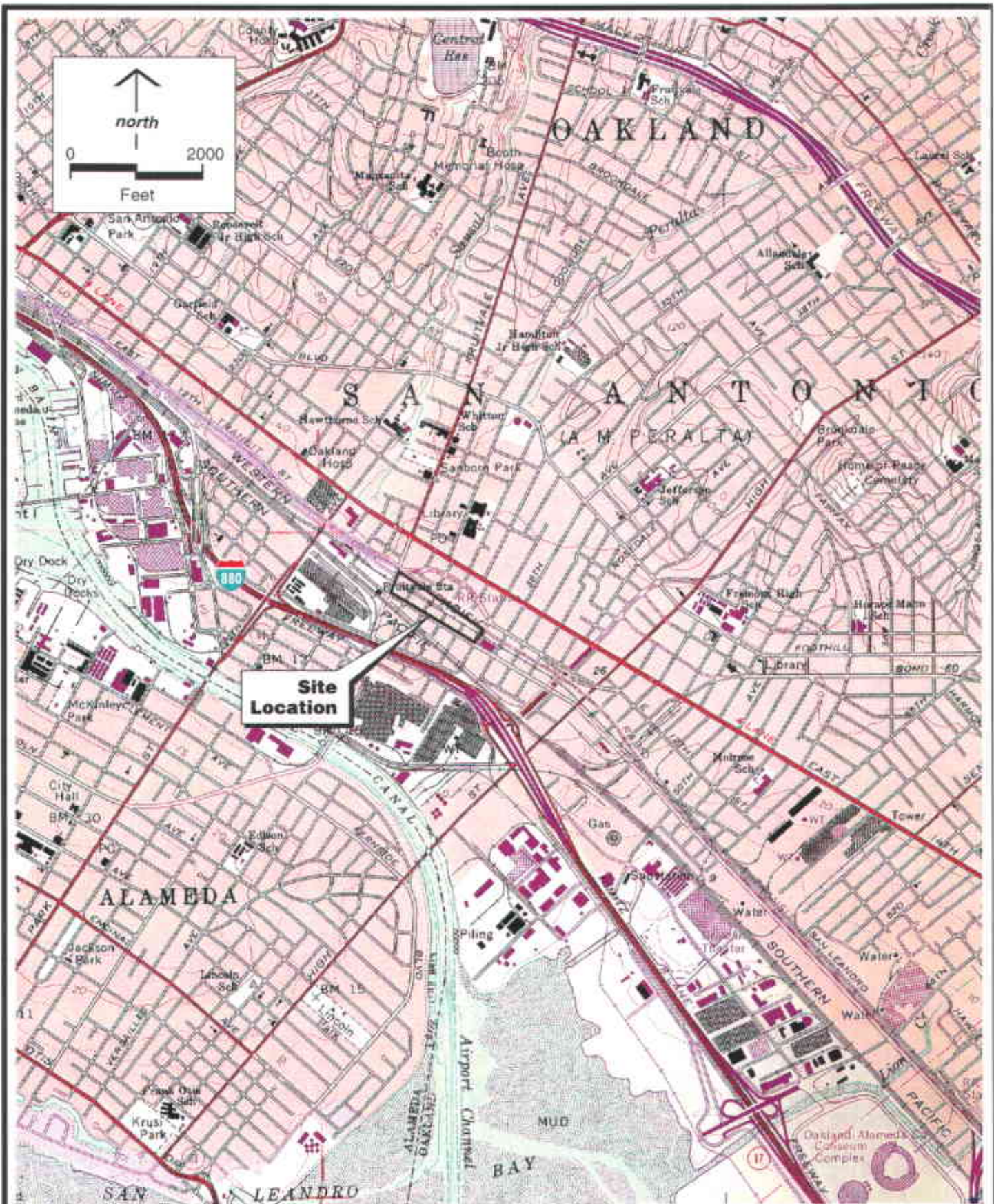
SAMPLE INFORMATION				TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS (EPA 8020/8015M)								CAM 17 METALS (EPA 6010B/7471A)														VOCs (EPA 8260A)								
				GASOLINE	BENZENE	TOLUENE	ETHYL BENZENE	XYLENE(S)	MTBE	DIESEL	MOTOR OIL	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	MERCURY	ACETONE	METHYLENE CHLORIDE	TOLUENE			
				DETECTION LIMIT (mg/kg)																							DETECTION LIMIT (ug/kg)							
EXPLORATION POINTS	SAMPLE ID	SAMPLE DEPTH (ft bgs)	SAMPLE DATE	1	0.005	0.005	0.005	0.005	0.005	1	50	2	1	1	0.5	0.5	1	1	1	1	1	1	1	2	1	1	1	1	1	0.050	50	5	5	
				RESULTS (mg/kg)																							RESULTS (ug/kg)							
S-1	S-1, 2-2.5	2-2.5	09/27/00	ND	ND	0.0063	ND	ND	ND	ND	ND	ND	6.2	150	0.65	ND	42	8.6	30	7.4	ND	58	ND	ND	ND	ND	33	45	0.067	ND	ND	ND	ND	
S-1	S-1, 3.5-4	3.5-4	09/27/00	ND	ND	ND	ND	ND	ND	1.6	ND	ND	6.7	85	ND	ND	37	3.1	60	7.4	ND	28	ND	ND	ND	ND	24	98	0.11	ND	ND	ND	ND	
S-2	S-2, 2-2.5	2-2.5	09/27/00	ND	ND	0.007	ND	ND	ND	240	490	ND	46	190	0.64	ND	51	10	55	53	ND	76	ND	ND	ND	35	140	0.26	68	ND	ND	ND	ND	
S-2	S-2, 4-4.5	4-4.5	09/27/00	ND	ND	ND	ND	ND	ND	29	77	ND	14	210	0.77	ND	55	12	49	29	ND	92	ND	ND	ND	37	84	0.13	66	ND	ND	ND	ND	
S-2	S-2, 6-6.5	6-6.5	09/27/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	5.1	110	0.67	ND	44	10	26	6.3	ND	75	ND	ND	ND	33	43	0.082	ND	ND	ND	ND	ND	
S-3	S-3, 2-2.5	2-2.5	09/27/00	ND	ND	0.014	ND	ND	ND	ND	ND	ND	4.5	160	0.59	ND	53	11	51	40	ND	88	ND	ND	ND	29	60	0.19	ND	ND	ND	ND	ND	
S-3	S-3, 3.5-4	3.5-4	09/27/00	ND	ND	0.0069	ND	ND	ND	ND	ND	ND	3.6	150	0.58	ND	51	9.7	43	8.2	ND	94	ND	ND	ND	31	41	0.15	ND	ND	ND	ND	ND	
S-4	S-4, 2-2.5	2-2.5	09/27/00	ND	ND	0.008	ND	ND	ND	12	62	ND	8.5	220	0.76	ND	42	18	38	11	ND	68	ND	ND	ND	37	43	0.05	ND	5.9	ND	ND	ND	
S-4	S-4, 3.5-4	3.5-4	09/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	170	0.58	ND	37	7.5	28	6.0	ND	50	ND	ND	ND	29	44	0.066	ND	ND	ND	ND	ND	
S-5	S-5, 2-2.5	2-2.5	09/27/00	ND	ND	ND	ND	ND	ND	1.3	ND	ND	5.5	210	0.84	ND	47	13	41	8.2	ND	91	ND	ND	ND	37	71	0.092	ND	ND	ND	ND	ND	ND
S-5	S-5, 3.5-4	3.5-4	09/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.4	190	0.81	ND	45	14	26	7.5	ND	92	ND	ND	ND	37	40	0.057	ND	ND	ND	ND	ND	ND
S-6	S-6, 2-2.5	2-2.5	09/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.6	190	0.65	ND	49	9.9	33	9.3	ND	88	ND	ND	ND	32	39	0.086	72	ND	ND	ND	ND	ND
S-7	S-7, 2-2.5	2-2.5	09/27/00	ND	ND	ND	ND	ND	ND	1.7	ND	ND	35	150	ND	ND	24	5.7	26	7.9	ND	28	ND	ND	ND	19	35	ND	ND	ND	ND	ND	ND	ND
S-7	S-7, 3.5-4	3.5-4	09/27/00	ND	ND	0.0081	ND	ND	ND	2.3	ND	ND	31	73	ND	ND	25	7.9	43	32	ND	36	ND	ND	ND	29	68	0.056	ND	ND	ND	ND	ND	ND

Notes:
All samples were non-detect for SVOCs by EPA Method 8270A
This table presents only those constituents of VOCs by EPA method 8260A for which detectable concentrations were reported
ND = Not Detected
N/L = Not Listed
ug/L - Micrograms per Liter
mg/kg = Milligrams Per Kilogram
CAM = California Action Metals
ft = Feet
bgs = Below Ground Surface

Table 2
Summary of Selected Grab Groundwater Analytical Results
BART Fruitvale Station

			TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS (EPA 8020/8015M)								TOTAL CAM 17 METALS (ICP) (EPA 6010B/7471)															TDS (EPA 160.1)			
			GASOLINE	BENZENE	TOLUENE	ETHYL BENZENE	XYLENE(S)	MTBE	DIESEL	MOTOR OIL	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	MERCURY	TOTAL DISSOLVED SOLIDS	
			DETECTION LIMIT (µg/L)								DETECTION LIMIT (mg/L)																		
			50	0.5	0.5	0.5	0.5	5	50	500	0.005	0.005	0.005	0.005	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.00017	10
EXPLORATION POINT	SAMPLE ID	SAMPLE DATE	SAMPLE RESULTS (µg/L)								SAMPLE RESULTS (mg/L)															SAMPLE RESULTS (mg/L)			
GW-1	GW-1*	09/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014	0.84	ND	ND	0.13	0.034	0.058	0.014	ND	0.27	ND	ND	ND	ND	0.092	0.11	0.0012	NA
GW-1	GW-1**	01/22/01	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013	ND	380
S2/GW-2	GW-2*	09/27/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039	2.0	ND	ND	0.34	0.15	0.16	0.040	ND	0.90	ND	ND	ND	ND	0.23	0.33	0.0011	NA
S2/GW-2	GW-2**	01/22/01	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	0.0094	ND	ND	ND	ND	ND	0.013	ND	280
GW-3	GW-3*	09/27/00	380	6.0	1.1	1.7	3.5	110	96	ND	ND	0.011	1.7	ND	ND	0.073	0.11	0.11	0.029	ND	0.56	ND	ND	ND	0.16	0.17	0.00059	NA	
GW-3	GW-3**	01/22/01	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	0.41	ND	ND	ND	0.014	ND	ND	ND	0.038	ND	ND	ND	ND	ND	ND	ND	630

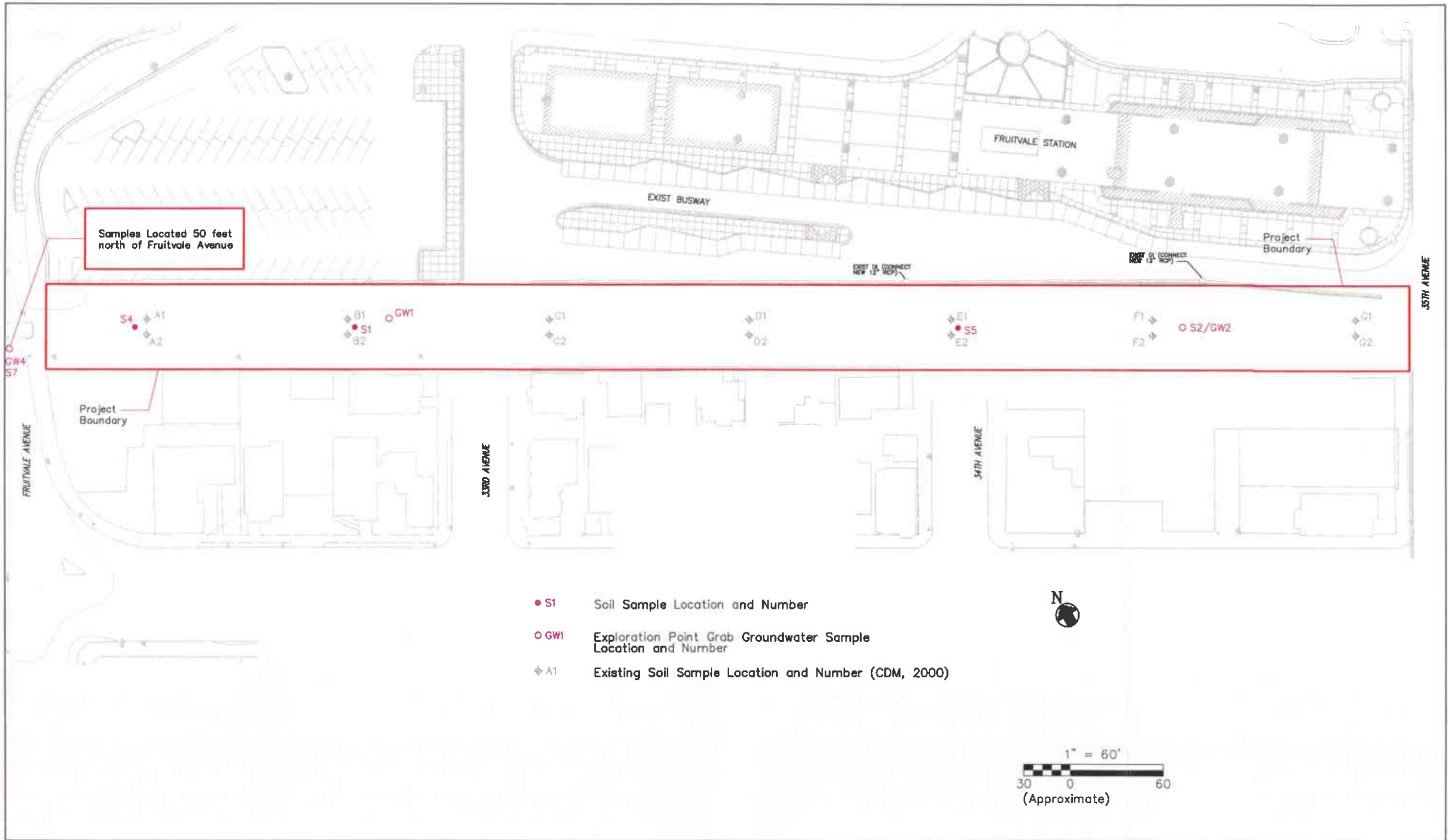
Notes:
 Samples GW-1, GW-2, GW-3 were non-detect for SVOCs by EPA Method 8270A
 Samples GW-1, GW-2, GW-3 were non-detect for VOCs by EPA Method 8260A
 * = Samples collected on 9/27/00 were not filtered prior to metals analysis.
 ** = Samples collected on 1/22/01 were filtered prior to metals analysis.
 N/L = Not Listed
 NA = Not Analyzed
 ND = Not Detected
 mg/L = Milligrams per Liter
 ug/L = Micrograms per Liter



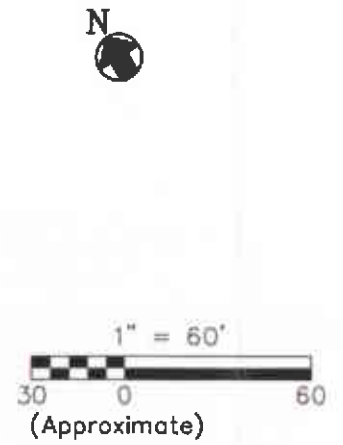
Source: USGS 7.5' Quad Map, Oakland East, Calif. (1990)

Site Location Map
Report of Findings
BART Fruitvale Station
Oakland, CA

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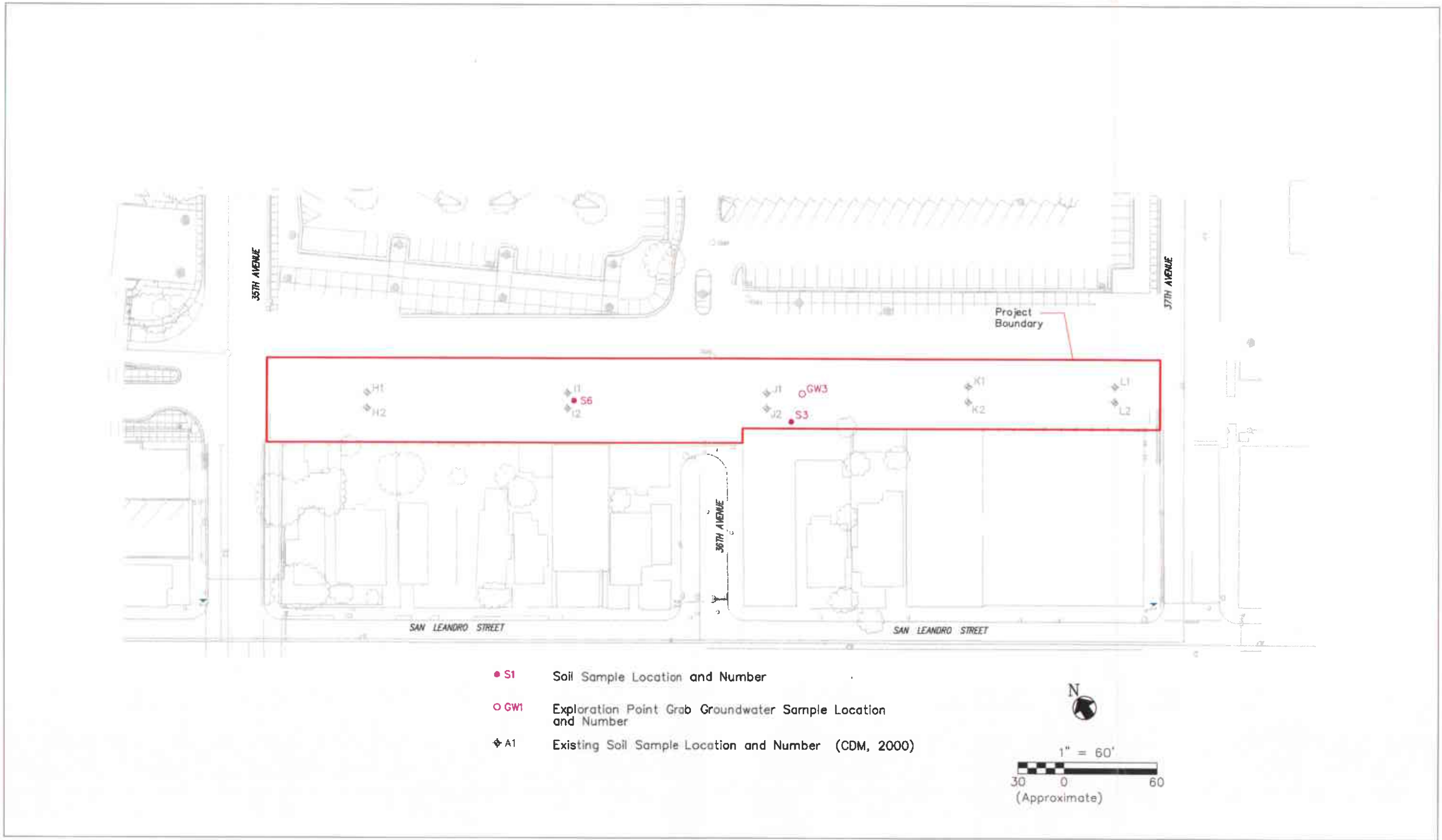


- S1 Soil Sample Location and Number
- GW1 Exploration Point Grab Groundwater Sample Location and Number
- ◆ A1 Existing Soil Sample Location and Number (CDM, 2000)

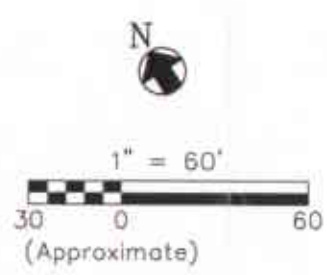


Sample Location Map
 Report of Findings
 Fruitvale Avenue to 35th Avenue
 BART Fruitvale Station
 Oakland, CA

Figure 2a



- S1 Soil Sample Location and Number
- GW1 Exploration Point Grab Groundwater Sample Location and Number
- ◆ A1 Existing Soil Sample Location and Number (CDM, 2000)



Sample Location Map
Report of Findings
35th Avenue to 37th Avenue
BART Fruitvale Station
Oakland, CA

Appendix A
References

References

ACDEH, 2000. *Work Plan for Former Union Pacific Railroad Site at BART Fruitvale Station, Oakland CA 94601*. Alameda County Health Care Services Agency, Environmental Health Services., September 11, 2000.

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USEPA, 1999. *Region IX Preliminary Remediation Goals (PRGs) 1999*. From Stanford J. Smucker, Ph.D, Regional Toxicologist (H-9-3), Technical Support Team.

Appendix B
Boring Logs



100 Pringle Ave, Suite 300
Walnut Creek, CA 94596

BOREHOLE LOG

S1/GW1

Client: Bay Area Rapid Transit District

Project Name: Intermodal Project

Project Location: Fruitvale Station

Project Number: 8245-28614-WD21

Drilling Contractor: HEW Drilling

Surface Elevation (ft.):

Drilling Method/Rig: HSA/CME 75

Total Depth (ft.): 25.5

Drillers:

Depth to Initial Water Level (ft. BGS): 23

Drilling Date: Start: 9/27/00 **End:** 9/27/00

Abandonment Method: Bentonite Cement

Borehole Coordinates:

Field Screening Instrument: PID

N E

Logged By: CTC (Alisto Engineering)

Sample Type	Sample Number	Sample Recovery (Inches)	Elev. Depth (ft.)	Field Instrument Reading (ppm)	Blows per 6 inches	Graphic Log	Stratum Designation	Material Description
			0				GP	GRAVEL, loose, dry.
MC	S-1,2-2.5	18/18	1	0/0	7		GP	
			2				CL	CLAY, black, moderately plastic, medium stiff, moist.
MC	S-1,3.5-4	18/18	3	0/0			CL	SANDY CLAY, light brown, medium stiff to stiff, moist, occasional gravel to 1/2".
MC	S-1,5-5.5	18/18	4	0/0			CL	CLAY, light brown, moderately plastic, stiff, moist, occasional mottled reddish-brown and black organics.
			5					
			6					
			7					
			8					
MC	S-1,10-10.5	18/18	9	0/0	12		CL	SANDY CLAY, brown, medium stiff, moist, occasional gravel to 1/8".
			10					
			11					
			12					
			13					
MC	S-1,15-15.5	18/18	14	0/0	13	CL	SANDY CLAY, brown, medium stiff, moist, occasional reddish-brown and black organics.	
			15					
			16					
			17					
			18					
MC	S-1,20-20.5	18/18	19	0/0	16	CL	SANDY CLAY, brown, soft to medium stiff, moist, occasional reddish-brown and black organics.	
			20					
			21					
			22					
			23					
MC	S-1,25-25.5	18/18	24	0/0	18	GC	CLAYEY GRAVEL, light brown, medium dense, moist, occasional reddish-brown and black organics.	
			25		27			
			26					
			27					
			28					
			29					

BL BARTFY02.GPJ CDM MA.GDT 11/28/00

EXPLANATION OF ABBREVIATIONS

- DRILLING METHODS:**
 HSA - Hollow Stem Auger
 SSA - Solid Stem Auger
 HA - Hand Auger
 AR - Air Rotary
 DTR - Dual Tube Rotary
 FR - Foam Rotary
 MR - Mud Rotary
 RC - Reverse Circulation
 CT - Cable Tool
 JET - Jetting
 D - Driving
 DTC - Drill Through Casing

- SAMPLING TYPES:**
 AS - Auger/Grab Sample
 CS - California Sampler
 BX - 1.5" Rock Core
 NX - 2.1" Rock Core
 GP - Geoprobe
 HP - Hydro Punch
 SS - Soil Spoon
 ST - Shelby Tube
 WS - Wash Sample
OTHER:
 AGS - Above Ground Surface

REMARKS

Total depth 25.5 feet.
 Groundwater encountered at 23 feet (BGS).
 Borehole backfilled with bentonite cement.

Reviewed by: M. Gray

Date:



100 Pringle Ave, Suite 300
Walnut Creek, CA 94596

BOREHOLE LOG

S3/GW3

Client: Bay Area Rapid Transit District
Project Location: Fruitvale Station

Project Name: Intermodal Project
Project Number: 8245-28614-WD21

Drilling Contractor: HEW Drilling
Drilling Method/Rig: HSA/CME 75
Drillers:

Surface Elevation (ft.):
Total Depth (ft.): 25.5
Depth to Initial Water Level (ft. BGS): 14
Abandonment Method: Bentonite Cement

Drilling Date: Start: 9/27/00 **End:** 9/27/00

Field Screening Instrument: PID

Borehole Coordinates:

Logged By: CTC (Alisto Engineering)

N E

Sample Type	Sample Number	Sample Recovery (Inches)	Elev. Depth (ft.)	Field Instrument Reading (ppm)	Blows per 6 Inches	Graphic Log	Stratum Designation	Material Description	
			0				GP		
MC	S-3,2-2.5	18/18	1	0.2/0	1		CL	SANDY GRAVEL, gravel to 2".	
			2				CL	CLAY, dark brown, moderately plastic, medium stiff, moist, occasional coarse grain sand.	
MC	S-3,3.5-4	18/18	3	0/0				CL	CLAY, dark brown to black, moderately plastic, medium stiff, moist, occasional coarse grained sand.
MC	S-3,5-5.5	18/18	4	0/0					
			5						
			6						
			7						
			8						
MC	S-3,10-10.5	18/18	9	0/0	1		CL	SANDY CLAY, light brown, medium stiff, moist, abundant carbon granules.	
			10						
			11						
			12						
			13						
MC	S-3,15-15.5	18/18	14	0/0	1		SC	CLAYEY SAND, orangish-brown, loose, damp, occasional fine to coarse grained sand, some blue, gray, and reddish-brown mottling.	
			15						
			16						
			17						
			18						
MC	S-3,20-20.5	18/18	19	8.9/0	4		SC	CLAYEY SAND, orange-brown, medium dense, damp, some blue, gray, and reddish-brown mottling.	
			20		15				
			21						
			22						
			23						
MC	S-3,25-25.5	18/18	24	0/0	5		GC	CLAYEY GRAVEL, light brown, dense, wet, angular gravel to 1".	
			25		21				
			26						
			27						
			28						
			29						

BL BARTV02.GPJ CDM MA.GDT 11/28/00

EXPLANATION OF ABBREVIATIONS

DRILLING METHODS:
 HSA - Hollow Stem Auger
 SSA - Solid Stem Auger
 HA - Hand Auger
 AR - Air Rotary
 DTR - Dual Tube Rotary
 FR - Foam Rotary
 MR - Mud Rotary
 RC - Reverse Circulation
 CT - Cable Tool
 JET - Jetting
 D - Driving
 DTC - Drill Through Casing

SAMPLING TYPES:
 AS - Auger/Grab Sample
 CS - California Sampler
 BX - 1.5" Rock Core
 NX - 2.1" Rock Core
 GP - Geoprobe
 HP - Hydro Punch
 SS - Split Spoon
 ST - Shelby Tube
 WS - Wash Sample
OTHER:
 AGS - Above Ground Surface

REMARKS

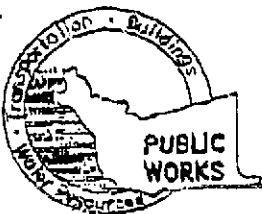
Total depth 25.5 feet.
 Groundwater encountered at 14 feet (BGS), during drilling.
 Borehole backfilled with bentonite cement.

Reviewed by: M. Gray

Date:

Appendix C
Sample Collection Methods

Appendix D
Permits



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
390 ELMHURST ST. HAYWARD CA. 94544-1393
PHONE (510) 670-5554 MARLON MAGALLANES/FRANK CODD (510) 670-5783
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT UPRR Corridor
between Fruitvale Avenue and
37th Street

PERMIT NUMBER W00-415
WELL NUMBER _____
APN _____

CLIENT Name Bay Area Rapid Transit District
Address 805 Madison Ave Phone _____
CITY Oakland Zip 94607

APPLICANT Name Camp Dresser & McKee Inc.
Address 100 Pringle Ave. #900 Phone 425-933-4174
City Walnut Creek Zip 94596

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection General
Water Supply Contamination
Monitoring Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other Investigation

DRILLING METHOD:
Mud Rotary Air Rotary Auger HSA
Cable Other _____

DRILLER'S NAME NEW DRILLING
DRILLER'S LICENSE NO. 604987

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum Depth 150 ft.
Casing Diameter _____ in. Owner's Well Number _____
Surface Seal Depth _____ ft.

GEOTECHNICAL PROJECTS
Number of Borings 4 Maximum Depth 15-30 ft.
Hole Diameter 6 in.

ESTIMATED STARTING DATE 7/6/00
ESTIMATED COMPLETION DATE 7/20/00

PERMIT CONDITIONS Circled Permit Requirements Apply

- (A) GENERAL
 1. A permit application should be submitted to us to arrive at the ACPWA office five days prior to proposed starting date.
 2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
 3. Permit is void if project not begun within 90 days of approval date.

- B. WATER SUPPLY WELLS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

- (D) GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-(three feet) replaced in kind or with compacted cuttings.

E. CATHODIC
Fill hole anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED Frank Codd DATE 7/3/00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Michael G. Gray DATE 6/30/00

PLEASE PRINT NAME Michael G. Gray Rev. 6-5-00

Appendix E
Certified Analytical Laboratory Reports
with Chain of Custody Documentation

Camp Dresser & McKee
100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn.: Mr. Mike Gray

Project: 10-369-13
Soil & Groundwater Sampling

Dear Mike,

Attached is our report for your samples received on Thursday September 28, 2000
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after November 12, 2000
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: gcook@chromalab.com

Sincerely,



Gary Cook

Volatile Organic Compounds by 8260A

Camp Dresser & McKee	<input checked="" type="checkbox"/> 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	09/27/2000 13:54	1
GW-2	Water	09/27/2000 08:21	2
GW-3	Water	09/27/2000 10:59	3

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/05/2000 12:33
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	10/05/2000 12:33	
Benzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Bromoform	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Bromomethane	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Chlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Chloroethane	ND	1.0	ug/L	1.00	10/05/2000 12:33	
2-Butanone(MEK)	ND	50	ug/L	1.00	10/05/2000 12:33	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Chloroform	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Chloromethane	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	10/05/2000 12:33	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Dibromomethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Ethylbenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
2-Hexanone	ND	50	ug/L	1.00	10/05/2000 12:33	
Methylene chloride	ND	5.0	ug/L	1.00	10/05/2000 12:33	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	10/05/2000 12:33	
Naphthalene	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Styrene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/05/2000 12:33
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Toluene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Trichloroethene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Vinyl acetate	ND	5.0	ug/L	1.00	10/05/2000 12:33	
Vinyl chloride	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Total xylenes	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Carbon disulfide	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Isopropylbenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Bromobenzene	ND	0.50	ug/L	1.00	10/05/2000 12:33	
Bromochloromethane	ND	1.0	ug/L	1.00	10/05/2000 12:33	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	10/05/2000 12:33	
Surrogate(s)						
4-Bromofluorobenzene	96.5	86-115	%	1.00	10/05/2000 12:33	
1,2-Dichloroethane-d4	88.7	76-114	%	1.00	10/05/2000 12:33	
Toluene-d8	88.4	88-110	%	1.00	10/05/2000 12:33	

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/05/2000 13:12
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	10/05/2000 13:12	
Benzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Bromoform	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Bromomethane	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Chlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Chloroethane	ND	1.0	ug/L	1.00	10/05/2000 13:12	
2-Butanone(MEK)	ND	50	ug/L	1.00	10/05/2000 13:12	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Chloroform	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Chloromethane	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	10/05/2000 13:12	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Dibromomethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Ethylbenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
2-Hexanone	ND	50	ug/L	1.00	10/05/2000 13:12	
Methylene chloride	ND	5.0	ug/L	1.00	10/05/2000 13:12	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	10/05/2000 13:12	
Naphthalene	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Styrene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/05/2000 13:12
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Toluene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Trichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Vinyl acetate	ND	5.0	ug/L	1.00	10/05/2000 13:12	
Vinyl chloride	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Total xylenes	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Carbon disulfide	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Isopropylbenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Bromobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:12	
Bromochloromethane	ND	1.0	ug/L	1.00	10/05/2000 13:12	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	10/05/2000 13:12	
Surrogate(s)						
4-Bromofluorobenzene	91.2	86-115	%	1.00	10/05/2000 13:12	
1,2-Dichloroethane-d4	87.4	76-114	%	1.00	10/05/2000 13:12	
Toluene-d8	84.8	88-110	%	1.00	10/05/2000 13:12	*S*,sl

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/05/2000 13:51
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/L	1.00	10/05/2000 13:51	
Benzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Bromoform	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Bromomethane	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Chlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Chloroethane	ND	1.0	ug/L	1.00	10/05/2000 13:51	
2-Butanone(MEK)	ND	50	ug/L	1.00	10/05/2000 13:51	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Chloroform	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Chloromethane	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	1.00	10/05/2000 13:51	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Dibromomethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Ethylbenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
2-Hexanone	ND	50	ug/L	1.00	10/05/2000 13:51	
Methylene chloride	ND	5.0	ug/L	1.00	10/05/2000 13:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	10/05/2000 13:51	
Naphthalene	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Styrene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/05/2000 13:51
Matrix: Water	QC-Batch: 2000/10/05-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Toluene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Trichloroethene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Vinyl acetate	ND	5.0	ug/L	1.00	10/05/2000 13:51	
Vinyl chloride	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Total xylenes	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Carbon disulfide	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Isopropylbenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Bromobenzene	ND	0.50	ug/L	1.00	10/05/2000 13:51	
Bromochloromethane	ND	1.0	ug/L	1.00	10/05/2000 13:51	
Trichlorofluoromethane	ND	2.0	ug/L	1.00	10/05/2000 13:51	
Surrogate(s)						
4-Bromofluorobenzene	89.8	86-115	%	1.00	10/05/2000 13:51	
1,2-Dichloroethane-d4	89.0	76-114	%	1.00	10/05/2000 13:51	
Toluene-d8	94.2	88-110	%	1.00	10/05/2000 13:51	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Batch QC Report Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2000/10/05-01.07
MB: 2000/10/05-01.07-005		Date Extracted: 10/05/2000 11:44

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/L	10/05/2000 11:44	
Benzene	ND	0.5	ug/L	10/05/2000 11:44	
Bromodichloromethane	ND	0.5	ug/L	10/05/2000 11:44	
Bromoform	ND	0.5	ug/L	10/05/2000 11:44	
Bromomethane	ND	1.0	ug/L	10/05/2000 11:44	
Carbon tetrachloride	ND	0.5	ug/L	10/05/2000 11:44	
Chlorobenzene	ND	0.5	ug/L	10/05/2000 11:44	
Chloroethane	ND	1.0	ug/L	10/05/2000 11:44	
2-Butanone(MEK)	ND	50	ug/L	10/05/2000 11:44	
2-Chloroethylvinyl ether	ND	0.5	ug/L	10/05/2000 11:44	
Chloroform	ND	0.5	ug/L	10/05/2000 11:44	
Chloromethane	ND	1.0	ug/L	10/05/2000 11:44	
Dibromochloromethane	ND	0.5	ug/L	10/05/2000 11:44	
1,2-Dichlorobenzene	ND	0.5	ug/L	10/05/2000 11:44	
1,3-Dichlorobenzene	ND	0.5	ug/L	10/05/2000 11:44	
1,4-Dichlorobenzene	ND	0.5	ug/L	10/05/2000 11:44	
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	10/05/2000 11:44	
1,2-Dibromoethane	ND	0.5	ug/L	10/05/2000 11:44	
Dibromomethane	ND	0.5	ug/L	10/05/2000 11:44	
Dichlorodifluoromethane	ND	0.5	ug/L	10/05/2000 11:44	
1,1-Dichloroethane	ND	0.5	ug/L	10/05/2000 11:44	
1,2-Dichloroethane	ND	0.5	ug/L	10/05/2000 11:44	
1,1-Dichloroethene	ND	0.5	ug/L	10/05/2000 11:44	
cis-1,2-Dichloroethene	ND	0.5	ug/L	10/05/2000 11:44	
trans-1,2-Dichloroethene	ND	0.5	ug/L	10/05/2000 11:44	
1,2-Dichloropropane	ND	0.5	ug/L	10/05/2000 11:44	
cis-1,3-Dichloropropene	ND	0.5	ug/L	10/05/2000 11:44	
trans-1,3-Dichloropropene	ND	0.5	ug/L	10/05/2000 11:44	
Ethylbenzene	ND	0.5	ug/L	10/05/2000 11:44	
2-Hexanone	ND	50	ug/L	10/05/2000 11:44	
Methylene chloride	ND	5.0	ug/L	10/05/2000 11:44	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	10/05/2000 11:44	
Naphthalene	ND	1.0	ug/L	10/05/2000 11:44	
Styrene	ND	0.5	ug/L	10/05/2000 11:44	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	10/05/2000 11:44	
Tetrachloroethene	ND	0.5	ug/L	10/05/2000 11:44	
Toluene	ND	0.5	ug/L	10/05/2000 11:44	
1,1,1-Trichloroethane	ND	0.5	ug/L	10/05/2000 11:44	
1,1,2-Trichloroethane	ND	0.5	ug/L	10/05/2000 11:44	
Trichloroethene	ND	0.5	ug/L	10/05/2000 11:44	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	10/05/2000 11:44	
Vinyl acetate	ND	5.0	ug/L	10/05/2000 11:44	
Vinyl chloride	ND	0.5	ug/L	10/05/2000 11:44	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Method Blank	Water	QC Batch # 2000/10/05-01.07
MB: 2000/10/05-01.07-005		Date Extracted: 10/05/2000 11:44

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.5	ug/L	10/05/2000 11:44	
Carbon disulfide	ND	1.0	ug/L	10/05/2000 11:44	
Isopropylbenzene	ND	0.5	ug/L	10/05/2000 11:44	
Bromobenzene	ND	0.5	ug/L	10/05/2000 11:44	
Bromochloromethane	ND	1.0	ug/L	10/05/2000 11:44	
Trichlorofluoromethane	ND	2.0	ug/L	10/05/2000 11:44	
Surrogate(s)					
4-Bromofluorobenzene	94.5	86-115	ug/L	10/05/2000 11:44	
1,2-Dichloroethane-d4	88.4	76-114	ug/L	10/05/2000 11:44	
Toluene-d8	98.5	88-110	ug/L	10/05/2000 11:44	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8260A

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2000/10/05-01.07	
LCS:	2000/10/05-01.07-003	Extracted:	10/05/2000 10:26	Analyzed	10/05/2000 10:26
LCSD:	2000/10/05-01.07-004	Extracted:	10/05/2000 11:05	Analyzed	10/05/2000 11:05

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	47.2	48.6	50.0	50.0	94.4	97.2	2.9	69-129	20		
Chlorobenzene	45.7	45.6	50.0	50.0	91.4	91.2	0.2	61-121	20		
1,1-Dichloroethene	39.2	37.3	50.0	50.0	78.4	74.6	5.0	65-125	20		
Toluene	45.6	47.1	50.0	50.0	91.2	94.2	3.2	70-130	20		
Trichloroethene	42.6	43.5	50.0	50.0	85.2	87.0	2.1	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	469	463	500	500	93.8	92.6		86-115			
1,2-Dichloroethane-d4	443	444	500	500	88.6	88.8		76-114			
Toluene-d8	480	498	500	500	96.0	99.6		88-110			

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To: **Camp Dresser & McKee**
Attn: Mike Gray

Test Method: 8260A
Prep Method: 5030

Legend & Notes

Volatile Organic Compounds by 8260A

Analyte Flags

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

Semi-volatile Organic Compounds by 8270A

Camp Dresser & McKee	☒ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	09/27/2000 13:54	1
GW-2	Water	09/27/2000 08:21	2
GW-3	Water	09/27/2000 10:59	3

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2-Chlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Benzyl alcohol	ND	5.0	ug/L	1.00	10/03/2000 18:10	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	10/03/2000 18:10	
4-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Hexachloroethane	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Nitrobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Isophorone	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2-Nitrophenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	10/03/2000 18:10	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Naphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
4-Chloroaniline	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	10/03/2000 18:10	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Hexachlorocyclopentadiene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:10	
Dimethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Acenaphthylene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
3-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:10	
Acenaphthene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,4-Dinitrophenol	ND	10	ug/L	1.00	10/03/2000 18:10	
4-Nitrophenol	ND	10	ug/L	1.00	10/03/2000 18:10	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Diethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Fluorene	ND	5.0	ug/L	1.00	10/03/2000 18:10	
4-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:10	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	10/03/2000 18:10	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	10/03/2000 18:10	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Hexachlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Pentachlorophenol	ND	10	ug/L	1.00	10/03/2000 18:10	
Phenanthrene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Chrysene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:10	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	10/03/2000 18:10	
Benzoic acid	ND	10	ug/L	1.00	10/03/2000 18:10	
Surrogate(s)						
Nitrobenzene-d5	71.3	35-114	%	1.00	10/03/2000 18:10	
2-Fluorobiphenyl	71.1	43-116	%	1.00	10/03/2000 18:10	
p-Terphenyl-d14	78.6	33-141	%	1.00	10/03/2000 18:10	
2-Fluorophenol	44.8	25-100	%	1.00	10/03/2000 18:10	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	26.8	10-110	%	1.00	10/03/2000 18:10	
2,4,6-Tribromophenol	100.2	10-123	%	1.00	10/03/2000 18:10	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2-Chlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Benzyl alcohol	ND	5.0	ug/L	1.00	10/03/2000 18:46	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	10/03/2000 18:46	
4-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Hexachloroethane	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Nitrobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Isophorone	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2-Nitrophenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	10/03/2000 18:46	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Naphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
4-Chloroaniline	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	10/03/2000 18:46	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Hexachlorocyclopentadiene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:46	
Dimethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Acenaphthylene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
3-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:46	
Acenaphthene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,4-Dinitrophenol	ND	10	ug/L	1.00	10/03/2000 18:46	
4-Nitrophenol	ND	10	ug/L	1.00	10/03/2000 18:46	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Diethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Fluorene	ND	5.0	ug/L	1.00	10/03/2000 18:46	
4-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 18:46	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	10/03/2000 18:46	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	10/03/2000 18:46	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Hexachlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Pentachlorophenol	ND	10	ug/L	1.00	10/03/2000 18:46	
Phenanthrene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Chrysene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 18:46	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	10/03/2000 18:46	
Benzoic acid	ND	10	ug/L	1.00	10/03/2000 18:46	
Surrogate(s)						
Nitrobenzene-d5	68.2	35-114	%	1.00	10/03/2000 18:46	
2-Fluorobiphenyl	71.6	43-116	%	1.00	10/03/2000 18:46	
p-Terphenyl-d14	78.4	33-141	%	1.00	10/03/2000 18:46	
2-Fluorophenol	43.9	25-100	%	1.00	10/03/2000 18:46	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	26.5	10-110	%	1.00	10/03/2000 18:46	
2,4,6-Tribromophenol	91.2	10-123	%	1.00	10/03/2000 18:46	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2-Chlorophenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
1,3-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
1,4-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Benzyl alcohol	ND	5.0	ug/L	1.00	10/03/2000 19:22	
1,2-Dichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	1.00	10/03/2000 19:22	
4-Methylphenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Hexachloroethane	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Nitrobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Isophorone	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2-Nitrophenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,4-Dimethylphenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	1.00	10/03/2000 19:22	
2,4-Dichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Naphthalene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
4-Chloroaniline	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Hexachlorobutadiene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
4-Chloro-3-methylphenol	ND	5.0	ug/L	1.00	10/03/2000 19:22	
2-Methylnaphthalene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Hexachlorocyclopentadiene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,4,6-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,4,5-Trichlorophenol	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2-Chloronaphthalene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 19:22	
Dimethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Acenaphthylene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
3-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 19:22	
Acenaphthene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,4-Dinitrophenol	ND	10	ug/L	1.00	10/03/2000 19:22	
4-Nitrophenol	ND	10	ug/L	1.00	10/03/2000 19:22	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,4-Dinitrotoluene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
2,6-Dinitrotoluene	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Diethyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Fluorene	ND	5.0	ug/L	1.00	10/03/2000 19:22	
4-Nitroaniline	ND	10	ug/L	1.00	10/03/2000 19:22	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	1.00	10/03/2000 19:22	
N-Nitrosodiphenylamine	ND	2.0	ug/L	1.00	10/03/2000 19:22	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Hexachlorobenzene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Pentachlorophenol	ND	10	ug/L	1.00	10/03/2000 19:22	
Phenanthrene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Anthracene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Di-n-butyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Pyrene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Butyl benzyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
3,3-Dichlorobenzidine	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Benzo(a)anthracene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Chrysene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Di-n-octyl phthalate	ND	5.0	ug/L	1.00	10/03/2000 19:22	
Benzo(b)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Benzo(k)fluoranthene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Benzo(a)pyrene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Benzo(g,h,i)perylene	ND	2.0	ug/L	1.00	10/03/2000 19:22	
Benzoic acid	ND	10	ug/L	1.00	10/03/2000 19:22	
Surrogate(s)						
Nitrobenzene-d5	63.2	35-114	%	1.00	10/03/2000 19:22	
2-Fluorobiphenyl	73.7	43-116	%	1.00	10/03/2000 19:22	
p-Terphenyl-d14	85.6	33-141	%	1.00	10/03/2000 19:22	
2-Fluorophenol	45.7	25-100	%	1.00	10/03/2000 19:22	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3510/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/02/2000 13:55
Matrix: Water	QC-Batch: 2000/10/02-02.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	27.0	10-110	%	1.00	10/03/2000 19:22	
2,4,6-Tribromophenol	92.6	10-123	%	1.00	10/03/2000 19:22	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3510/8270A

Batch QC Report
Semi-volatile Organic Compounds by 8270A

Method Blank	Water	QC Batch # 2000/10/02-02.11
MB: 2000/10/02-02.11-001		Date Extracted: 10/02/2000 13:55

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	2.0	ug/L	10/03/2000 14:32	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	10/03/2000 14:32	
2-Chlorophenol	ND	2.0	ug/L	10/03/2000 14:32	
1,3-Dichlorobenzene	ND	2.0	ug/L	10/03/2000 14:32	
1,4-Dichlorobenzene	ND	2.0	ug/L	10/03/2000 14:32	
Benzyl alcohol	ND	5.0	ug/L	10/03/2000 14:32	
1,2-Dichlorobenzene	ND	2.0	ug/L	10/03/2000 14:32	
2-Methylphenol	ND	2.0	ug/L	10/03/2000 14:32	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	10/03/2000 14:32	
4-Methylphenol	ND	2.0	ug/L	10/03/2000 14:32	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	10/03/2000 14:32	
Hexachloroethane	ND	2.0	ug/L	10/03/2000 14:32	
Nitrobenzene	ND	2.0	ug/L	10/03/2000 14:32	
Isophorone	ND	2.0	ug/L	10/03/2000 14:32	
2-Nitrophenol	ND	2.0	ug/L	10/03/2000 14:32	
2,4-Dimethylphenol	ND	2.0	ug/L	10/03/2000 14:32	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	10/03/2000 14:32	
2,4-Dichlorophenol	ND	2.0	ug/L	10/03/2000 14:32	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	10/03/2000 14:32	
Naphthalene	ND	2.0	ug/L	10/03/2000 14:32	
4-Chloroaniline	ND	2.0	ug/L	10/03/2000 14:32	
Hexachlorobutadiene	ND	2.0	ug/L	10/03/2000 14:32	
4-Chloro-3-methylphenol	ND	5.0	ug/L	10/03/2000 14:32	
2-Methylnaphthalene	ND	2.0	ug/L	10/03/2000 14:32	
Hexachlorocyclopentadiene	ND	2.0	ug/L	10/03/2000 14:32	
2,4,6-Trichlorophenol	ND	2.0	ug/L	10/03/2000 14:32	
2,4,5-Trichlorophenol	ND	2.0	ug/L	10/03/2000 14:32	
2-Chloronaphthalene	ND	2.0	ug/L	10/03/2000 14:32	
2-Nitroaniline	ND	10	ug/L	10/03/2000 14:32	
Dimethyl phthalate	ND	5.0	ug/L	10/03/2000 14:32	
Acenaphthylene	ND	2.0	ug/L	10/03/2000 14:32	
3-Nitroaniline	ND	10	ug/L	10/03/2000 14:32	
Acenaphthene	ND	2.0	ug/L	10/03/2000 14:32	
2,4-Dinitrophenol	ND	10	ug/L	10/03/2000 14:32	
4-Nitrophenol	ND	10	ug/L	10/03/2000 14:32	
Dibenzofuran	ND	2.0	ug/L	10/03/2000 14:32	
2,4-Dinitrotoluene	ND	2.0	ug/L	10/03/2000 14:32	
2,6-Dinitrotoluene	ND	5.0	ug/L	10/03/2000 14:32	
Diethyl phthalate	ND	5.0	ug/L	10/03/2000 14:32	
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	10/03/2000 14:32	
Fluorene	ND	5.0	ug/L	10/03/2000 14:32	
4-Nitroaniline	ND	10	ug/L	10/03/2000 14:32	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	10/03/2000 14:32	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3510/8270A

Batch QC Report Semi-volatile Organic Compounds by 8270A

Method Blank	Water	QC Batch # 2000/10/02-02.11
MB: 2000/10/02-02.11-001		Date Extracted: 10/02/2000 13:55

Compound	Result	Rep.Limit	Units	Analyzed	Flag
N-Nitrosodiphenylamine	ND	2.0	ug/L	10/03/2000 14:32	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	10/03/2000 14:32	
Hexachlorobenzene	ND	2.0	ug/L	10/03/2000 14:32	
Pentachlorophenol	ND	10	ug/L	10/03/2000 14:32	
Phenanthrene	ND	2.0	ug/L	10/03/2000 14:32	
Anthracene	ND	2.0	ug/L	10/03/2000 14:32	
Di-n-butyl phthalate	ND	5.0	ug/L	10/03/2000 14:32	
Fluoranthene	ND	2.0	ug/L	10/03/2000 14:32	
Pyrene	ND	2.0	ug/L	10/03/2000 14:32	
Butyl benzyl phthalate	ND	5.0	ug/L	10/03/2000 14:32	
3,3-Dichlorobenzidine	ND	5.0	ug/L	10/03/2000 14:32	
Benzo(a)anthracene	ND	2.0	ug/L	10/03/2000 14:32	
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	10/03/2000 14:32	
Chrysene	ND	2.0	ug/L	10/03/2000 14:32	
Di-n-octyl phthalate	ND	5.0	ug/L	10/03/2000 14:32	
Benzo(b)fluoranthene	ND	2.0	ug/L	10/03/2000 14:32	
Benzo(k)fluoranthene	ND	2.0	ug/L	10/03/2000 14:32	
Benzo(a)pyrene	ND	2.0	ug/L	10/03/2000 14:32	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	10/03/2000 14:32	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	10/03/2000 14:32	
Benzo(g,h,i)perylene	ND	2.0	ug/L	10/03/2000 14:32	
Benzoic acid	ND	10	ug/L	10/03/2000 14:32	
Surrogate(s)					
Nitrobenzene-d5	72.0	35-114	%	10/03/2000 14:32	
2-Fluorobiphenyl	72.8	43-116	%	10/03/2000 14:32	
p-Terphenyl-d14	68.8	33-141	%	10/03/2000 14:32	
2-Fluorophenol	46.4	25-100	%	10/03/2000 14:32	
Phenol-d6	27.8	10-110	%	10/03/2000 14:32	
2,4,6-Tribromophenol	95.8	10-123	%	10/03/2000 14:32	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8270A

Attn: Mike Gray

Prep Method: 3510/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2000/10/02-02.11	
LCS:	2000/10/02-02.11-002	Extracted:	10/02/2000 13:55	Analyzed	10/03/2000 15:08
LCSD:	2000/10/02-02.11-003	Extracted:	10/02/2000 13:55	Analyzed	10/03/2000 15:44

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	15.5	19.0	60.0	60.0	25.8	31.7	20.5	12-89	35		
2-Chlorophenol	42.1	46.2	60.0	60.0	70.2	77.0	9.2	23-134	25		
1,4-Dichlorobenzene	19.2	23.1	30.0	30.0	64.0	77.0	18.4	36-97	30		
N-Nitroso-di-n-propylamin	19.2	20.3	30.0	30.0	64.0	67.7	5.6	10-130	34		
1,2,4-Trichlorobenzene	20.8	23.7	30.0	30.0	69.3	79.0	13.1	44-142	35		
4-Chloro-3-methylphenol	48.2	54.0	60.0	60.0	80.3	90.0	11.4	22-147	31		
Acenaphthene	23.6	26.2	30.0	30.0	78.7	87.3	10.4	56-118	30		
4-Nitrophenol	23.3	28.0	60.0	60.0	38.8	46.7	18.5	1-51	35		
2,4-Dinitrotoluene	24.1	24.0	30.0	30.0	80.3	80.0	0.4	39-139	35		
Pentachlorophenol	49.8	47.9	60.0	60.0	83.0	79.8	3.9	45-125	35		
Pyrene	21.5	23.7	30.0	30.0	71.7	79.0	9.7	52-115	35		
Surrogate(s)											
Nitrobenzene-d5	17.4	19.2	25	25	69.6	76.8		35-114			
2-Fluorobiphenyl	19.6	21.2	25	25	78.4	84.8		43-116			
p-Terphenyl-d14	18.2	21.8	25	25	72.8	87.2		33-141			
2-Fluorophenol	19.7	23.7	50	50	39.4	47.4		25-100			
Phenol-d6	13.3	16.7	50	50	26.6	33.4		10-110			
2,4,6-Tribromophenol	48.8	54.9	50	50	97.6	109.8		10-123			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

CAM 17 Metals

Camp Dresser & McKee

☒ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	09/27/2000 13:54	1
GW-2	Water	09/27/2000 08:21	2
GW-3	Water	09/27/2000 10:59	3

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 6010B
7470A

Attn.: Mike Gray

Prep Method: 3010A
7470A

CAM 17 Metals

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 10/02/2000 12:30
Matrix: Water	QC-Batch: 2000/10/02-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Arsenic	0.014	0.0050	mg/L	1.00	10/04/2000 14:11	
Barium	0.84	0.0050	mg/L	1.00	10/04/2000 14:11	
Beryllium	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Cadmium	ND	0.0020	mg/L	1.00	10/04/2000 14:11	
Chromium	0.13	0.0050	mg/L	1.00	10/04/2000 14:11	
Cobalt	0.034	0.0050	mg/L	1.00	10/04/2000 14:11	
Copper	0.058	0.0050	mg/L	1.00	10/04/2000 14:11	
Lead	0.014	0.0050	mg/L	1.00	10/04/2000 14:11	
Molybdenum	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Nickel	0.27	0.0050	mg/L	1.00	10/04/2000 14:11	
Selenium	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Silver	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Thallium	ND	0.0050	mg/L	1.00	10/04/2000 14:11	
Vanadium	0.092	0.0050	mg/L	1.00	10/04/2000 14:11	
Zinc	0.11	0.010	mg/L	1.00	10/04/2000 14:11	
Mercury	0.0012	0.00020	mg/L	1.00	10/13/2000 10:51	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 6010B
7470A

Attn.: Mike Gray

Prep Method: 3010A
7470A

CAM 17 Metals

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 10/02/2000 12:30
Matrix: Water	QC-Batch: 2000/10/02-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Arsenic	0.039	0.0050	mg/L	1.00	10/04/2000 14:15	
Barium	2.0	0.0050	mg/L	1.00	10/04/2000 14:15	
Beryllium	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Cadmium	ND	0.0020	mg/L	1.00	10/04/2000 14:15	
Chromium	0.34	0.0050	mg/L	1.00	10/04/2000 14:15	
Cobalt	0.15	0.0050	mg/L	1.00	10/04/2000 14:15	
Copper	0.16	0.0050	mg/L	1.00	10/04/2000 14:15	
Lead	0.040	0.0050	mg/L	1.00	10/04/2000 14:15	
Molybdenum	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Nickel	0.90	0.0050	mg/L	1.00	10/04/2000 14:15	
Selenium	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Silver	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Thallium	ND	0.0050	mg/L	1.00	10/04/2000 14:15	
Vanadium	0.23	0.0050	mg/L	1.00	10/04/2000 14:15	
Zinc	0.33	0.010	mg/L	1.00	10/04/2000 14:15	
Mercury	0.0011	0.00020	mg/L	1.00	10/13/2000 10:52	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 6010B
7470A

Attn.: Mike Gray

Prep Method: 3010A
7470A

CAM 17 Metals

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/02/2000 12:30
Matrix: Water	QC-Batch: 2000/10/02-01.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Arsenic	0.011	0.0050	mg/L	1.00	10/04/2000 14:35	
Barium	1.7	0.0050	mg/L	1.00	10/04/2000 14:35	
Beryllium	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Cadmium	ND	0.0020	mg/L	1.00	10/04/2000 14:35	
Chromium	0.073	0.0050	mg/L	1.00	10/04/2000 14:35	
Cobalt	0.11	0.0050	mg/L	1.00	10/04/2000 14:35	
Copper	0.11	0.0050	mg/L	1.00	10/04/2000 14:35	
Lead	0.029	0.0050	mg/L	1.00	10/04/2000 14:35	
Molybdenum	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Nickel	0.56	0.0050	mg/L	1.00	10/04/2000 14:35	
Selenium	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Silver	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Thallium	ND	0.0050	mg/L	1.00	10/04/2000 14:35	
Vanadium	0.16	0.0050	mg/L	1.00	10/04/2000 14:35	
Zinc	0.17	0.010	mg/L	1.00	10/04/2000 14:35	
Mercury	0.00059	0.00020	mg/L	1.00	10/13/2000 10:54	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 7470A
6010B

Attn.: Mike Gray

Prep Method: 3010A
7470A

Batch QC Report CAM 17 Metals

Method Blank	Water	QC Batch # 2000/10/02-01.15
MB: 2000/10/02-01.15-011		Date Extracted: 10/02/2000 12:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	0.0050	mg/L	10/03/2000 09:36	
Arsenic	ND	0.0050	mg/L	10/03/2000 09:36	
Barium	ND	0.0050	mg/L	10/03/2000 09:36	
Beryllium	ND	0.0050	mg/L	10/03/2000 09:36	
Cadmium	ND	0.0020	mg/L	10/03/2000 09:36	
Chromium	ND	0.0050	mg/L	10/03/2000 09:36	
Cobalt	ND	0.0050	mg/L	10/03/2000 09:36	
Copper	0.0102	0.0050	mg/L	10/03/2000 09:36	
Lead	ND	0.0050	mg/L	10/03/2000 09:36	
Molybdenum	ND	0.0050	mg/L	10/03/2000 09:36	
Nickel	ND	0.0050	mg/L	10/03/2000 09:36	
Selenium	ND	0.0050	mg/L	10/03/2000 09:36	
Silver	ND	0.0050	mg/L	10/03/2000 09:36	
Thallium	ND	0.0050	mg/L	10/03/2000 09:36	
Vanadium	ND	0.0050	mg/L	10/03/2000 09:36	
Zinc	ND	0.010	mg/L	10/03/2000 09:36	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 7470A
6010B

Attn: Mike Gray

Prep Method: 3010A
7470A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2000/10/02-01.15
LCS: 2000/10/02-01.15-012	Extracted: 10/02/2000 12:30	Analyzed 10/03/2000 09:40
LCSD: 2000/10/02-01.15-013	Extracted: 10/02/2000 12:30	Analyzed 10/03/2000 09:44

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	0.510	0.532	0.500	0.500	102.0	106.4	4.2	80-120	20		
Arsenic	0.555	0.570	0.500	0.500	111.0	114.0	2.7	80-120	20		
Barium	0.529	0.549	0.500	0.500	105.8	109.8	3.7	80-120	20		
Beryllium	0.525	0.546	0.500	0.500	105.0	109.2	3.9	80-120	20		
Cadmium	0.515	0.532	0.500	0.500	103.0	106.4	3.2	80-120	20		
Chromium	0.519	0.538	0.500	0.500	103.8	107.6	3.6	80-120	20		
Cobalt	0.513	0.531	0.500	0.500	102.6	106.2	3.4	80-120	20		
Copper	0.522	0.531	0.500	0.500	104.4	106.2	1.7	80-120	20		
Lead	0.505	0.525	0.500	0.500	101.0	105.0	3.9	80-120	20		
Molybdenum	0.509	0.531	0.500	0.500	101.8	106.2	4.2	80-120	20		
Nickel	0.525	0.546	0.500	0.500	105.0	109.2	3.9	80-120	20		
Selenium	0.511	0.529	0.500	0.500	102.2	105.8	3.5	80-120	20		
Silver	0.520	0.535	0.500	0.500	104.0	107.0	2.8	80-120	20		
Thallium	0.503	0.526	0.500	0.500	100.6	105.2	4.5	80-120	20		
Vanadium	0.517	0.533	0.500	0.500	103.4	106.6	3.0	80-120	20		
Zinc	0.504	0.516	0.500	0.500	100.8	103.2	2.4	80-120	20		

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 7470A
6010B

Attn: Mike Gray

Prep Method: 3010A
7470A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2000/10/02-01.15	
LCS:	2000/10/02-01.15-023	Extracted:	10/02/2000 12:30	Analyzed	10/04/2000 13:42
LCSD:	2000/10/02-01.15-024	Extracted:	10/02/2000 12:30	Analyzed	10/04/2000 13:46

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	0.472	0.491	0.500	0.500	94.4	98.2	3.9	80-120	20		
Arsenic	0.483	0.507	0.500	0.500	96.6	101.4	4.8	80-120	20		
Barium	0.491	0.512	0.500	0.500	98.2	102.4	4.2	80-120	20		
Beryllium	0.459	0.492	0.500	0.500	91.8	98.4	6.9	80-120	20		
Cadmium	0.478	0.497	0.500	0.500	95.6	99.4	3.9	80-120	20		
Chromium	0.482	0.501	0.500	0.500	96.4	100.2	3.9	80-120	20		
Cobalt	0.481	0.502	0.500	0.500	96.2	100.4	4.3	80-120	20		
Copper	0.471	0.490	0.500	0.500	94.2	98.0	4.0	80-120	20		
Lead	0.475	0.497	0.500	0.500	95.0	99.4	4.5	80-120	20		
Molybdenum	0.479	0.502	0.500	0.500	95.8	100.4	4.7	80-120	20		
Nickel	0.484	0.504	0.500	0.500	96.8	100.8	4.0	80-120	20		
Selenium	0.470	0.493	0.500	0.500	94.0	98.6	4.8	80-120	20		
Silver	0.474	0.493	0.500	0.500	94.8	98.6	3.9	80-120	20		
Thallium	0.475	0.506	0.500	0.500	95.0	101.2	6.3	80-120	20		
Vanadium	0.476	0.495	0.500	0.500	95.2	99.0	3.9	80-120	20		
Zinc	0.472	0.488	0.500	0.500	94.4	97.6	3.3	80-120	20		

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 7470A
6010B

Attn: Mike Gray

Prep Method: 3010A
7470A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2000/10/13-04.16
LCS: 2000/10/13-04.16-012	Extracted: 10/13/2000 08:13	Analyzed 10/13/2000 10:35
LCSD: 2000/10/13-04.16-013	Extracted: 10/13/2000 08:13	Analyzed 10/13/2000 10:36

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.0230	0.0230	0.0200	0.0200	115.0	115.0	0.0	85-115	20		

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

Gas/BTEX and MTBE

Camp Dresser & McKee

✉ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	09/27/2000 13:54	1
GW-2	Water	09/27/2000 08:21	2
GW-3	Water	09/27/2000 10:59	3

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 10/03/2000 17:26
Matrix: Water	QC-Batch: 2000/10/03-01.02

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	380	50	ug/L	1.00	10/03/2000 17:26	
Benzene	6.0	0.50	ug/L	1.00	10/03/2000 17:26	
Toluene	1.1	0.50	ug/L	1.00	10/03/2000 17:26	
Ethyl benzene	1.7	0.50	ug/L	1.00	10/03/2000 17:26	
Xylene(s)	3.5	0.50	ug/L	1.00	10/03/2000 17:26	
MTBE	110	5.0	ug/L	1.00	10/03/2000 17:26	
Surrogate(s)						
Trifluorotoluene	98.9	58-124	%	1.00	10/03/2000 17:26	
4-Bromofluorobenzene-FID	85.8	50-150	%	1.00	10/03/2000 17:26	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8015M

8020

Attn.: Mike Gray

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

Method Blank

Water

QC Batch # 2000/10/03-01.02

MB: 2000/10/03-01.02-001

Date Extracted: 10/03/2000 06:48

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	50	ug/L	10/03/2000 06:48	
Benzene	ND	0.5	ug/L	10/03/2000 06:48	
Toluene	ND	0.5	ug/L	10/03/2000 06:48	
Ethyl benzene	ND	0.5	ug/L	10/03/2000 06:48	
Xylene(s)	ND	0.5	ug/L	10/03/2000 06:48	
MTBE	ND	5.0	ug/L	10/03/2000 06:48	
Surrogate(s)					
Trifluorotoluene	70.8	58-124	%	10/03/2000 06:48	
4-Bromofluorobenzene-FID	75.4	50-150	%	10/03/2000 06:48	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8015M
8020

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2000/10/03-01.02
LCS: 2000/10/03-01.02-002	Extracted: 10/03/2000 07:19	Analyzed 10/03/2000 07:19
LCSD: 2000/10/03-01.02-003	Extracted: 10/03/2000 07:50	Analyzed 10/03/2000 07:50

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		[%]	Recovery	RPD	LCS
Gasoline	458	469	500	500	91.6	93.8	2.4	75-125	20		
Benzene	98.4	94.3	100.0	100.0	98.4	94.3	4.3	77-123	20		
Toluene	94.9	90.7	100.0	100.0	94.9	90.7	4.5	78-122	20		
Ethyl benzene	92.4	87.6	100.0	100.0	92.4	87.6	5.3	70-130	20		
Xylene(s)	263	252	300	300	87.7	84.0	4.3	75-125	20		
Surrogate(s)											
Trifluorotoluene	412	383	500	500	82.4	76.6		58-124			
4-Bromofluorobenzene-FI	439	437	500	500	87.8	87.4		50-150			

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

Total Extractable Petroleum Hydrocarbons (TEPH)

Camp Dresser & McKee	☒ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	09/27/2000 13:54	1
GW-2	Water	09/27/2000 08:21	2
GW-3	Water	09/27/2000 10:59	3

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: GW-1	Lab Sample ID: 2000-09-0567-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 13:54	Extracted: 09/29/2000 12:32
Matrix: Water	QC-Batch: 2000/09/29-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	10/02/2000 15:36	
Motor Oil	ND	500	ug/L	1.00	10/02/2000 15:36	
Surrogate(s) o-Terphenyl	70.0	60-130	%	1.00	10/02/2000 15:36	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: GW-2	Lab Sample ID: 2000-09-0567-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 08:21	Extracted: 09/29/2000 12:32
Matrix: Water	QC-Batch: 2000/09/29-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	10/02/2000 18:13	
Motor Oil	ND	500	ug/L	1.00	10/02/2000 18:13	
Surrogate(s) o-Terphenyl	87.5	60-130	%	1.00	10/02/2000 18:13	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: GW-3	Lab Sample ID: 2000-09-0567-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000 10:59	Extracted: 09/29/2000 12:32
Matrix: Water	QC-Batch: 2000/09/29-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	96	50	ug/L	1.00	10/02/2000 18:51	ndp
Motor Oil	ND	500	ug/L	1.00	10/02/2000 18:51	
<i>Surrogate(s)</i> o-Terphenyl	77.0	60-130	%	1.00	10/02/2000 18:51	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3510/8015M

Batch QC Report
Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Water	QC Batch # 2000/09/29-03.10
MB: 2000/09/29-03.10-001		Date Extracted: 09/29/2000 12:32

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	09/29/2000 18:02	
Motor Oil	ND	500	ug/L	09/29/2000 18:02	
Surrogate(s) o-Terphenyl	92.0	60-130	%	09/29/2000 18:02	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0567

To: Camp Dresser & McKee
Attn: Mike Gray

Test Method: 8015M
Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2000/09/29-03.10
LCS: 2000/09/29-03.10-002	Extracted: 09/29/2000 12:32	Analyzed 09/29/2000 18:36
LCSD: 2000/09/29-03.10-003	Extracted: 09/29/2000 12:32	Analyzed 09/29/2000 19:10

Compound	Conc. [ug/L]		Exp. Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	929	985	1250	1250	74.3	78.8	5.9	60-130	25		
Surrogate(s) o-Terphenyl	19.6	19.9	20.0	20.0	98.0	99.5		60-130			

To: **Camp Dresser & McKee**

Attn: Mike Gray

Test Method: 8015M

Prep Method: 3510/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

Camp Dresser & McKee
100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn.: Mr. Mike Gray

Project: 10-369-13
Soil & Groundwater Sampling

Dear Mike,

Attached is our report for your samples received on Thursday September 28, 2000
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after November 12, 2000
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: gcook@chromalab.com

Sincerely,



Gary Cook

Gas/BTEX and MTBE

Camp Dresser & McKee

✉ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-3,2-2.5	Soil	09/27/2000	2
S-3,3.5-4	Soil	09/27/2000	3
S-4,2-2.5	Soil	09/27/2000	9
S-4,3.5-4	Soil	09/27/2000	10
S-5,2-2.5	Soil	09/27/2000	11

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 22:59
Matrix: Soil	QC-Batch: 2000/10/03-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 22:59	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 22:59	
Toluene	0.014	0.0050	mg/Kg	1.00	10/03/2000 22:59	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 22:59	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 22:59	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 22:59	
<i>Surrogate(s)</i>						
Trifluorotoluene	57.9	53-125	%	1.00	10/03/2000 22:59	
Trifluorotoluene-FID	53.7	53-125	%	1.00	10/03/2000 22:59	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 18:46
Matrix: Soil	QC-Batch: 2000/10/03-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/04/2000 18:46	
Benzene	ND	0.0050	mg/Kg	1.00	10/04/2000 18:46	
Toluene	0.0069	0.0050	mg/Kg	1.00	10/04/2000 18:46	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/04/2000 18:46	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/04/2000 18:46	
MTBE	ND	0.0050	mg/Kg	1.00	10/04/2000 18:46	
<i>Surrogate(s)</i>						
Trifluorotoluene	56.5	53-125	%	1.00	10/04/2000 18:46	
Trifluorotoluene-FID	55.7	53-125	%	1.00	10/04/2000 18:46	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 04:39
Matrix: Soil	QC-Batch: 2000/10/02-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 04:39	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 04:39	
Toluene	0.0080	0.0050	mg/Kg	1.00	10/03/2000 04:39	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 04:39	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 04:39	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 04:39	
<i>Surrogate(s)</i>						
Trifluorotoluene	60.0	53-125	%	1.00	10/03/2000 04:39	
Trifluorotoluene-FID	57.2	53-125	%	1.00	10/03/2000 04:39	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 02:58
Matrix: Soil	QC-Batch: 2000/10/02-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 02:58	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 02:58	
Toluene	ND	0.0050	mg/Kg	1.00	10/03/2000 02:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 02:58	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 02:58	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 02:58	
<i>Surrogate(s)</i>						
Trifluorotoluene	72.4	53-125	%	1.00	10/03/2000 02:58	
4-Bromofluorobenzene-FID	61.3	58-124	%	1.00	10/03/2000 02:58	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 03:32
Matrix: Soil	QC-Batch: 2000/10/02-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 03:32	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 03:32	
Toluene	ND	0.0050	mg/Kg	1.00	10/03/2000 03:32	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 03:32	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 03:32	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 03:32	
<i>Surrogate(s)</i>						
Trifluorotoluene	59.3	53-125	%	1.00	10/03/2000 03:32	
Trifluorotoluene-FID	57.7	53-125	%	1.00	10/03/2000 03:32	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M
8020

Attn.: Mike Gray

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

Method Blank

Soil

QC Batch # 2000/10/02-01.03

MB: 2000/10/02-01.03-001

Date Extracted: 10/02/2000 12:02

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	10/02/2000 12:02	
Benzene	ND	0.0050	mg/Kg	10/02/2000 12:02	
Toluene	ND	0.0050	mg/Kg	10/02/2000 12:02	
Ethyl benzene	ND	0.0050	mg/Kg	10/02/2000 12:02	
Xylene(s)	ND	0.0050	mg/Kg	10/02/2000 12:02	
MTBE	ND	0.0050	mg/Kg	10/02/2000 12:02	
<i>Surrogate(s)</i>					
Trifluorotoluene	90.0	53-125	%	10/02/2000 12:02	
4-Bromofluorobenzene-FID	83.4	58-124	%	10/02/2000 12:02	

To: Camp Dresser & McKee

Test Method: 8015M
8020

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 2000/10/02-01.03

LCS: 2000/10/02-01.03-002

Extracted: 10/02/2000 07:10

Analyzed 10/02/2000 07:10

LCSD: 2000/10/02-01.03-003

Extracted: 10/02/2000 07:44

Analyzed 10/02/2000 07:44

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]			RPD		Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	RPD [%]	Recovery	RPD	LCS	LCSD		
Gasoline	0.500	0.428	0.500	0.500	100.0	85.6	15.5	75-125	35				
Benzene	0.0988	0.0960	0.1000	0.1000	98.8	96.0	2.9	77-123	35				
Toluene	0.0950	0.0940	0.1000	0.1000	95.0	94.0	1.1	78-122	35				
Ethyl benzene	0.0930	0.104	0.1000	0.1000	93.0	104.0	11.2	70-130	35				
Xylene(s)	0.274	0.273	0.300	0.300	91.3	91.0	0.3	75-125	35				
<i>Surrogate(s)</i>													
Trifluorotoluene	445	434	500	500	89.0	86.8		53-125					
4-Bromofluorobenzene-FI	403	397	500	500	80.6	79.4		58-124					

Semi-volatile Organic Compounds by 8270A

Camp Dresser & McKee

✉ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-3,2-2.5	Soil	09/27/2000	2
S-3,3.5-4	Soil	09/27/2000	3
S-4,2-2.5	Soil	09/27/2000	9
S-4,3.5-4	Soil	09/27/2000	10
S-5,2-2.5	Soil	09/27/2000	11

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Hex achloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Hex achlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 02:13	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:13	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 02:13	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 02:13	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 02:13	
Surrogate(s)						
Nitrobenzene-d5	59.0	23-120	%	1.00	10/04/2000 02:13	
2-Fluorobiphenyl	67.1	30-115	%	1.00	10/04/2000 02:13	
p-Terphenyl-d14	79.0	18-137	%	1.00	10/04/2000 02:13	
2-Fluorophenol	69.4	25-121	%	1.00	10/04/2000 02:13	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	68.9	24-113	%	1.00	10/04/2000 02:13	
2,4,6-Tribromophenol	67.2	19-122	%	1.00	10/04/2000 02:13	

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Hex achloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Hex achlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Hex achlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 02:58	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
bis(2-Ethylhex yl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 02:58	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 02:58	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 02:58	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 02:58	
Surrogate(s)						
Nitrobenzene-d5	63.9	23-120	%	1.00	10/04/2000 02:58	
2-Fluorobiphenyl	69.2	30-115	%	1.00	10/04/2000 02:58	
p-Terphenyl-d14	89.9	18-137	%	1.00	10/04/2000 02:58	
2-Fluorophenol	71.8	25-121	%	1.00	10/04/2000 02:58	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	69.1	24-113	%	1.00	10/04/2000 02:58	
2,4,6-Tribromophenol	59.0	19-122	%	1.00	10/04/2000 02:58	

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Hex achloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Hex achlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 16:22	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 16:22	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 16:22	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 16:22	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 16:22	
<i>Surrogate(s)</i>						
Nitrobenzene-d5	63.8	23-120	%	1.00	10/04/2000 16:22	
2-Fluorobiphenyl	74.1	30-115	%	1.00	10/04/2000 16:22	
p-Terphenyl-d14	79.0	18-137	%	1.00	10/04/2000 16:22	
2-Fluorophenol	71.5	25-121	%	1.00	10/04/2000 16:22	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	69.8	24-113	%	1.00	10/04/2000 16:22	
2,4,6-Tribromophenol	65.1	19-122	%	1.00	10/04/2000 16:22	

To: **Camp Dresser & McKee**
 Attn.: Mike Gray

Test Method: 8270A
 Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Hex achloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Hex achlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Hex achlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 17:07	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
bis(2-Ethylhex yl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:07	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 17:07	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 17:07	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 17:07	
Surrogate(s)						
Nitrobenzene-d5	64.6	23-120	%	1.00	10/04/2000 17:07	
2-Fluorobiphenyl	71.9	30-115	%	1.00	10/04/2000 17:07	
p-Terphenyl-d14	72.5	18-137	%	1.00	10/04/2000 17:07	
2-Fluorophenol	71.0	25-121	%	1.00	10/04/2000 17:07	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	71.1	24-113	%	1.00	10/04/2000 17:07	
2,4,6-Tribromophenol	66.0	19-122	%	1.00	10/04/2000 17:07	

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Hex achloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Hex achlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Hex achlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 17:52	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
bis(2-Ethylhex yl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 17:52	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 17:52	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 17:52	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 17:52	
Surrogate(s)						
Nitrobenzene-d5	57.5	23-120	%	1.00	10/04/2000 17:52	
2-Fluorobiphenyl	64.8	30-115	%	1.00	10/04/2000 17:52	
p-Terphenyl-d14	67.1	18-137	%	1.00	10/04/2000 17:52	
2-Fluorophenol	63.0	25-121	%	1.00	10/04/2000 17:52	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	63.0	24-113	%	1.00	10/04/2000 17:52	
2,4,6-Tribromophenol	59.1	19-122	%	1.00	10/04/2000 17:52	

To: Camp Dresser & McKee
 Attn.: Mike Gray

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report
 Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2000/10/03-01.11
MB: 2000/10/03-01.11-001		Date Extracted: 10/03/2000 07:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Chlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Benzyl alcohol	ND	0.20	mg/Kg	10/03/2000 21:11	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Methylphenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Methylphenol	ND	0.20	mg/Kg	10/03/2000 21:11	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	10/03/2000 21:11	
Hex achloroethane	ND	0.10	mg/Kg	10/03/2000 21:11	
Nitrobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Isophorone	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Nitrophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dimethylphenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Naphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Chloroaniline	ND	0.20	mg/Kg	10/03/2000 21:11	
Hex achlorobutadiene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	10/03/2000 21:11	
2-Methylnaphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
Hex achlorocyclopentadiene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Chloronaphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Nitroaniline	ND	0.50	mg/Kg	10/03/2000 21:11	
Dimethyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Acenaphthylene	ND	0.10	mg/Kg	10/03/2000 21:11	
3-Nitroaniline	ND	0.10	mg/Kg	10/03/2000 21:11	
Acenaphthene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dinitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
4-Nitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
Dibenzofuran	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	10/03/2000 21:11	
Diethyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	10/03/2000 21:11	
Fluorene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Nitroaniline	ND	0.50	mg/Kg	10/03/2000 21:11	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	

Environmental Services (SDB)

To: Camp Dresser & McKee
 Attn.: Mike Gray

Test Method: 8270A
 Prep Method: 3550/8270A

Batch QC Report
 Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2000/10/03-01.11
MB: 2000/10/03-01.11-001		Date Extracted: 10/03/2000 07:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	10/03/2000 21:11	
Hex achlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Pentachlorophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
Phenanthrene	ND	0.10	mg/Kg	10/03/2000 21:11	
Anthracene	ND	0.10	mg/Kg	10/03/2000 21:11	
Di-n-butyl phthalate	ND	2.0	mg/Kg	10/03/2000 21:11	
Fluoranthene	ND	0.10	mg/Kg	10/03/2000 21:11	
Pyrene	ND	0.10	mg/Kg	10/03/2000 21:11	
Butyl benzyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(a)anthracene	ND	0.10	mg/Kg	10/03/2000 21:11	
bis(2-Ethylhex yl) phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Chrysene	ND	0.10	mg/Kg	10/03/2000 21:11	
Di-n-octyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	10/03/2000 21:11	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(a)pyrene	ND	0.02	mg/Kg	10/03/2000 21:11	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	10/03/2000 21:11	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzoic acid	ND	0.50	mg/Kg	10/03/2000 21:11	
Surrogate(s)					
Nitrobenzene-d5	56.8	23-120	%	10/03/2000 21:11	
2-Fluorobiphenyl	65.2	30-115	%	10/03/2000 21:11	
p-Terphenyl-d14	80.4	18-137	%	10/03/2000 21:11	
2-Fluorophenol	68.6	25-121	%	10/03/2000 21:11	
Phenol-d6	66.2	24-113	%	10/03/2000 21:11	
2,4,6-Tribromophenol	84.4	19-122	%	10/03/2000 21:11	

To: Camp Dresser & McKee

Test Method: 8270A

Attn: Mike Gray

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/03-01.11	
LCS:	2000/10/03-01.11-002	Extracted:	10/03/2000 07:19	Analyzed	10/03/2000 21:48
LCSD:	2000/10/03-01.11-003	Extracted:	10/03/2000 07:19	Analyzed	10/03/2000 22:24

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	1.33	1.37	2.00	2.00	66.5	68.5	3.0	20-90	35		
2-Chlorophenol	1.30	1.19	2.00	2.00	65.0	59.5	8.8	27-123	35		
1,4-Dichlorobenzene	0.660	0.620	1.000	1.000	66.0	62.0	6.3	28-104	30		
N-Nitroso-di-n-propylamin	0.610	0.590	1.000	1.000	61.0	59.0	3.3	25-114	39		
1,2,4-Trichlorobenzene	0.660	0.620	1.000	1.000	66.0	62.0	6.3	38-107	35		
4-Chloro-3-methylphenol	1.48	1.40	2.00	2.00	74.0	70.0	5.6	26-103	33		
Acenaphthene	0.650	0.710	1.000	1.000	65.0	71.0	8.8	49-102	30		
4-Nitrophenol	1.74	1.62	2.00	2.00	87.0	81.0	7.1	17-109	35		
2,4-Dinitrotoluene	0.780	0.760	1.000	1.000	78.0	76.0	2.6	28-89	38		
Pentachlorophenol	1.42	1.46	2.00	2.00	71.0	73.0	2.8	11-114	35		
Pyrene	0.650	0.650	1.000	1.000	65.0	65.0	0.0	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	13.0	13.5	25	25	52.0	54.0		23-120			
2-Fluorobiphenyl	15.2	16.8	25	25	60.8	67.2		30-115			
p-Terphenyl-d14	22.2	18.8	25	25	88.8	75.2		18-137			
2-Fluorophenol	28.1	29.7	50	50	56.2	59.4		25-121			
Phenol-d6	34.5	37.3	50	50	69.0	74.6		24-113			
2,4,6-Tribromophenol	45.9	48.8	50	50	91.8	97.6		19-122			

Total Extractable Petroleum Hydrocarbons (TEPH)

Camp Dresser & McKee	<input checked="" type="checkbox"/> 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-3,2-2.5	Soil	09/27/2000	2
S-3,3.5-4	Soil	09/27/2000	3
S-4,2-2.5	Soil	09/27/2000	9
S-4,3.5-4	Soil	09/27/2000	10
S-5,2-2.5	Soil	09/27/2000	11

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 07:30	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 07:30	
<i>Surrogate(s)</i> o-Terphenyl	90.0	60-130	%	1.00	10/05/2000 07:30	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 08:04	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 08:04	
<i>Surrogate(s)</i> o-Terphenyl	85.7	60-130	%	1.00	10/05/2000 08:04	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	12	1.0	mg/Kg	1.00	10/05/2000 08:39	ndp
Motor Oil	62	50	mg/Kg	1.00	10/05/2000 08:39	
<i>Surrogate(s)</i> o-Terphenyl	104.4	60-130	%	1.00	10/05/2000 08:39	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 09:47	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 09:47	
<i>Surrogate(s)</i> o-Terphenyl	97.1	60-130	%	1.00	10/05/2000 09:47	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.3	1.0	mg/Kg	1.00	10/05/2000 10:22	ndp
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 10:22	
<i>Surrogate(s)</i> o-Terphenyl	80.4	60-130	%	1.00	10/05/2000 10:22	

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report
Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Soil	QC Batch # 2000/10/02-03.10
MB: 2000/10/02-03.10-001		Date Extracted: 10/02/2000 16:23

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	10/05/2000 10:06	
Motor Oil	ND	50	mg/Kg	10/05/2000 10:06	
<i>Surrogate(s)</i> o-Terphenyl	78.5	60-130	%	10/05/2000 10:06	

Environmental Services (SDB)

To: Camp Dresser & McKee

Test Method: 8015M

Attn: Mike Gray

Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/02-03.10
LCS: 2000/10/02-03.10-002	Extracted: 10/02/2000 16:23	Analyzed 10/05/2000 10:44
LCSD: 2000/10/02-03.10-003	Extracted: 10/02/2000 16:23	Analyzed 10/05/2000 11:23

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	30.7	29.4	41.7	41.7	73.6	70.5	4.3	60-130	25		
<i>Surrogate(s)</i> o-Terphenyl	15.9	15.7	20.0	20.0	79.5	78.5		60-130			

To: Camp Dresser & McKee

Attn: Mike Gray

Test Method: 8015M

Prep Method: 3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CAM 17 Metals

Camp Dresser & McKee



100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-3,2-2.5	Soil	09/27/2000	2
S-3,3.5-4	Soil	09/27/2000	3
S-4,2-2.5	Soil	09/27/2000	9
S-4,3.5-4	Soil	09/27/2000	10
S-5,2-2.5	Soil	09/27/2000	11

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-3,2-2.5	Lab Sample ID: 2000-09-0571-002
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/06/2000 14:00
Matrix: Soil	QC-Batch: 2000/10/06-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 19:36	
Arsenic	4.5	1.0	mg/Kg	1.00	10/06/2000 19:36	
Barium	160	1.0	mg/Kg	1.00	10/06/2000 19:36	
Beryllium	0.59	0.50	mg/Kg	1.00	10/06/2000 19:36	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 19:36	
Chromium	53	1.0	mg/Kg	1.00	10/06/2000 19:36	
Cobalt	11	1.0	mg/Kg	1.00	10/06/2000 19:36	
Copper	51	1.0	mg/Kg	1.00	10/06/2000 19:36	
Lead	40	1.0	mg/Kg	1.00	10/06/2000 19:36	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 19:36	
Nickel	88	1.0	mg/Kg	1.00	10/06/2000 19:36	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 19:36	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 19:36	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 19:36	
Vanadium	29	1.0	mg/Kg	1.00	10/06/2000 19:36	
Zinc	60	1.0	mg/Kg	1.00	10/06/2000 19:36	
Mercury	0.19	0.050	mg/Kg	1.00	10/10/2000 13:34	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/06/2000 14:00
Matrix: Soil	QC-Batch: 2000/10/06-04.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 19:40	
Arsenic	3.6	1.0	mg/Kg	1.00	10/06/2000 19:40	
Barium	150	1.0	mg/Kg	1.00	10/06/2000 19:40	
Beryllium	0.58	0.50	mg/Kg	1.00	10/06/2000 19:40	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 19:40	
Chromium	51	1.0	mg/Kg	1.00	10/06/2000 19:40	
Cobalt	9.7	1.0	mg/Kg	1.00	10/06/2000 19:40	
Copper	43	1.0	mg/Kg	1.00	10/06/2000 19:40	
Lead	8.2	1.0	mg/Kg	1.00	10/06/2000 19:40	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 19:40	
Nickel	94	1.0	mg/Kg	1.00	10/06/2000 19:40	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 19:40	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 19:40	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 19:40	
Vanadium	31	1.0	mg/Kg	1.00	10/06/2000 19:40	
Zinc	41	1.0	mg/Kg	1.00	10/06/2000 19:40	
Mercury	0.15	0.050	mg/Kg	1.00	10/10/2000 13:35	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 15:24	
Arsenic	8.5	1.0	mg/Kg	1.00	10/06/2000 15:24	
Barium	220	1.0	mg/Kg	1.00	10/06/2000 15:24	
Beryllium	0.76	0.50	mg/Kg	1.00	10/06/2000 15:24	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 15:24	
Chromium	42	1.0	mg/Kg	1.00	10/06/2000 15:24	
Cobalt	18	1.0	mg/Kg	1.00	10/06/2000 15:24	
Copper	38	1.0	mg/Kg	1.00	10/06/2000 15:24	
Lead	11	1.0	mg/Kg	1.00	10/06/2000 15:24	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 15:24	
Nickel	68	1.0	mg/Kg	1.00	10/06/2000 15:24	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 15:24	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 15:24	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 15:24	
Vanadium	37	1.0	mg/Kg	1.00	10/06/2000 15:24	
Zinc	43	1.0	mg/Kg	1.00	10/06/2000 15:24	
Mercury	0.050	0.050	mg/Kg	1.00	10/06/2000 16:53	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 14:28	
Arsenic	5.5	1.0	mg/Kg	1.00	10/06/2000 14:28	
Barium	170	1.0	mg/Kg	1.00	10/06/2000 14:28	
Beryllium	0.58	0.50	mg/Kg	1.00	10/06/2000 14:28	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 14:28	
Chromium	37	1.0	mg/Kg	1.00	10/06/2000 14:28	
Cobalt	7.5	1.0	mg/Kg	1.00	10/06/2000 14:28	
Copper	28	1.0	mg/Kg	1.00	10/06/2000 14:28	
Lead	6.0	1.0	mg/Kg	1.00	10/06/2000 14:28	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 14:28	
Nickel	50	1.0	mg/Kg	1.00	10/06/2000 14:28	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 14:28	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 14:28	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 14:28	
Vanadium	29	1.0	mg/Kg	1.00	10/06/2000 14:28	
Zinc	44	1.0	mg/Kg	1.00	10/06/2000 14:28	
Mercury	0.066	0.050	mg/Kg	1.00	10/06/2000 16:52	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 14:32	
Arsenic	5.5	1.0	mg/Kg	1.00	10/06/2000 14:32	
Barium	210	1.0	mg/Kg	1.00	10/06/2000 14:32	
Beryllium	0.84	0.50	mg/Kg	1.00	10/06/2000 14:32	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 14:32	
Chromium	47	1.0	mg/Kg	1.00	10/06/2000 14:32	
Cobalt	13	1.0	mg/Kg	1.00	10/06/2000 14:32	
Copper	41	1.0	mg/Kg	1.00	10/06/2000 14:32	
Lead	8.2	1.0	mg/Kg	1.00	10/06/2000 14:32	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 14:32	
Nickel	91	1.0	mg/Kg	1.00	10/06/2000 14:32	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 14:32	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 14:32	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 14:32	
Vanadium	37	1.0	mg/Kg	1.00	10/06/2000 14:32	
Zinc	71	1.0	mg/Kg	1.00	10/06/2000 14:32	
Mercury	0.092	0.050	mg/Kg	1.00	10/06/2000 16:55	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/06-01.16
MB: 2000/10/06-01.16-131		Date Extracted: 10/06/2000 11:09

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	10/06/2000 16:37	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report CAM 17 Metals

Method Blank

Soil

QC Batch # 2000/10/05-03.15

MB: 2000/10/05-03.15-047

Date Extracted: 10/05/2000 18:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	10/06/2000 13:33	
Arsenic	ND	1.0	mg/Kg	10/06/2000 13:33	
Barium	ND	1.0	mg/Kg	10/06/2000 13:33	
Beryllium	ND	0.50	mg/Kg	10/06/2000 13:33	
Cadmium	ND	0.50	mg/Kg	10/06/2000 13:33	
Chromium	ND	1.0	mg/Kg	10/06/2000 13:33	
Cobalt	ND	1.0	mg/Kg	10/06/2000 13:33	
Copper	ND	1.0	mg/Kg	10/06/2000 13:33	
Lead	ND	1.0	mg/Kg	10/06/2000 13:33	
Molybdenum	ND	1.0	mg/Kg	10/06/2000 13:33	
Nickel	ND	1.0	mg/Kg	10/06/2000 13:33	
Selenium	ND	2.0	mg/Kg	10/06/2000 13:33	
Silver	ND	1.0	mg/Kg	10/06/2000 13:33	
Thallium	ND	1.0	mg/Kg	10/06/2000 13:33	
Vanadium	ND	1.0	mg/Kg	10/06/2000 13:33	
Zinc	ND	1.0	mg/Kg	10/06/2000 13:33	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/06-04.15
MB: 2000/10/06-04.15-013		Date Extracted: 10/06/2000 14:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	10/06/2000 19:12	
Arsenic	ND	1.0	mg/Kg	10/06/2000 19:12	
Barium	ND	1.0	mg/Kg	10/06/2000 19:12	
Beryllium	ND	0.50	mg/Kg	10/06/2000 19:12	
Cadmium	ND	0.50	mg/Kg	10/06/2000 19:12	
Chromium	ND	1.0	mg/Kg	10/06/2000 19:12	
Cobalt	ND	1.0	mg/Kg	10/06/2000 19:12	
Copper	ND	1.0	mg/Kg	10/06/2000 19:12	
Lead	ND	1.0	mg/Kg	10/06/2000 19:12	
Molybdenum	ND	1.0	mg/Kg	10/06/2000 19:12	
Nickel	ND	1.0	mg/Kg	10/06/2000 19:12	
Selenium	ND	2.0	mg/Kg	10/06/2000 19:12	
Silver	ND	1.0	mg/Kg	10/06/2000 19:12	
Thallium	ND	1.0	mg/Kg	10/06/2000 19:12	
Vanadium	ND	1.0	mg/Kg	10/06/2000 19:12	
Zinc	ND	1.0	mg/Kg	10/06/2000 19:12	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A
Prep Method: 3050B
7471A

Attn.: Mike Gray

Batch QC Report CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/06-05.16
MB: 2000/10/06-05.16-049		Date Extracted: 10/06/2000 19:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	10/10/2000 13:28	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/06-01.16
LCS: 2000/10/06-01.16-132	Extracted: 10/06/2000 11:09	Analyzed 10/06/2000 16:39
LCSD: 2000/10/06-01.16-133	Extracted: 10/06/2000 11:09	Analyzed 10/06/2000 16:40

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.482	0.463	0.500	0.500	96.4	92.6	4.0	85-115	20		

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 2000/10/05-03.15

LCS: 2000/10/05-03.15-048

Extracted: 10/05/2000 18:19

Analyzed 10/06/2000 13:37

LCSD: 2000/10/05-03.15-049

Extracted: 10/05/2000 18:19

Analyzed 10/06/2000 13:40

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	98.8	101	100.0	100.0	98.8	101.0	2.2	80-120	20		
Arsenic	106	107	100.0	100.0	106.0	107.0	0.9	80-120	20		
Barium	100	102	100.0	100.0	100.0	102.0	2.0	80-120	20		
Beryllium	101	101	100.0	100.0	101.0	101.0	0.0	80-120	20		
Cadmium	98.1	99.7	100.0	100.0	98.1	99.7	1.6	80-120	20		
Chromium	99.1	101	100.0	100.0	99.1	101.0	1.9	80-120	20		
Cobalt	99.0	100	100.0	100.0	99.0	100.0	1.0	80-120	20		
Copper	99.3	101	100.0	100.0	99.3	101.0	1.7	80-120	20		
Lead	98.2	99.7	100.0	100.0	98.2	99.7	1.5	80-120	20		
Molybdenum	99.9	102	100.0	100.0	99.9	102.0	2.1	80-120	20		
Nickel	98.8	100	100.0	100.0	98.8	100.0	1.2	80-120	20		
Selenium	99.3	101	100.0	100.0	99.3	101.0	1.7	80-120	20		
Silver	99.7	101	100.0	100.0	99.7	101.0	1.3	80-120	20		
Thallium	101	102	100.0	100.0	101.0	102.0	1.0	80-120	20		
Vanadium	99.6	101	100.0	100.0	99.6	101.0	1.4	80-120	20		
Zinc	97.0	98.5	100.0	100.0	97.0	98.5	1.5	80-120	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/06-04.15	
LCS:	2000/10/06-04.15-014	Extracted:	10/06/2000 14:00	Analyzed	10/06/2000 19:16
LCSD:	2000/10/06-04.15-017	Extracted:	10/06/2000 14:00	Analyzed	10/06/2000 19:32

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	105	101	100.0	100.0	105.0	101.0	3.9	80-120	20		
Arsenic	110	108	100.0	100.0	110.0	108.0	1.8	80-120	20		
Barium	101	100	100.0	100.0	101.0	100.0	1.0	80-120	20		
Beryllium	103	101	100.0	100.0	103.0	101.0	2.0	80-120	20		
Cadmium	101	100	100.0	100.0	101.0	100.0	1.0	80-120	20		
Chromium	102	101	100.0	100.0	102.0	101.0	1.0	80-120	20		
Cobalt	102	101	100.0	100.0	102.0	101.0	1.0	80-120	20		
Copper	105	104	100.0	100.0	105.0	104.0	1.0	80-120	20		
Lead	103	99.9	100.0	100.0	103.0	99.9	3.1	80-120	20		
Molybdenum	103	102	100.0	100.0	103.0	102.0	1.0	80-120	20		
Nickel	101	99.6	100.0	100.0	101.0	99.6	1.4	80-120	20		
Selenium	104	101	100.0	100.0	104.0	101.0	2.9	80-120	20		
Silver	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Thallium	103	99.9	100.0	100.0	103.0	99.9	3.1	80-120	20		
Vanadium	104	103	100.0	100.0	104.0	103.0	1.0	80-120	20		
Zinc	103	102	100.0	100.0	103.0	102.0	1.0	80-120	20		

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/06-05.16
LCS: 2000/10/06-05.16-050	Extracted: 10/06/2000 19:19	Analyzed 10/10/2000 13:29
LCSD: 2000/10/06-05.16-051	Extracted: 10/06/2000 19:19	Analyzed 10/10/2000 13:30

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.469	0.474	0.500	0.500	93.8	94.8	1.1	85-115	20		

Volatile Organic Compounds by 8260A

Camp Dresser & McKee	☒ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax : (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-3,2-2.5	Soil	09/27/2000	2
S-3,3,5-4	Soil	09/27/2000	3
S-4,2-2.5	Soil	09/27/2000	9
S-4,3,5-4	Soil	09/27/2000	10
S-5,2-2.5	Soil	09/27/2000	11

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 14:52
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 14:52	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 14:52	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 14:52	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 14:52	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 14:52	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
2-Hex anone	ND	50	ug/Kg	1.00	10/05/2000 14:52	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 14:52	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-3,3.5-4	Lab Sample ID: 2000-09-0571-003
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 14:52
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 14:52	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 14:52	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 14:52	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 14:52	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	103.9	74-121	%	1.00	10/05/2000 14:52	
1,2-Dichloroethane-d4	99.0	70-121	%	1.00	10/05/2000 14:52	
Toluene-d8	92.5	81-117	%	1.00	10/05/2000 14:52	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 18:01
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/04/2000 18:01	
Benzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Bromoform	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Bromomethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Chloroethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/04/2000 18:01	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/04/2000 18:01	
Chloroform	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Chloromethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/04/2000 18:01	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Dibromomethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/04/2000 18:01	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
2-Hex anone	ND	50	ug/Kg	1.00	10/04/2000 18:01	
Methylene chloride	5.9	5.0	ug/Kg	1.00	10/04/2000 18:01	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/04/2000 18:01	
Naphthalene	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Styrene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-4,2-2.5	Lab Sample ID: 2000-09-0571-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 18:01
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Toluene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Vinyl acetate	ND	50	ug/Kg	1.00	10/04/2000 18:01	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Total xylenes	ND	10	ug/Kg	1.00	10/04/2000 18:01	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
Bromochloromethane	ND	20	ug/Kg	1.00	10/04/2000 18:01	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:01	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	103.0	74-121	%	1.00	10/04/2000 18:01	
1,2-Dichloroethane-d4	96.6	70-121	%	1.00	10/04/2000 18:01	
Toluene-d8	94.5	81-117	%	1.00	10/04/2000 18:01	

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 18:44
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/04/2000 18:44	
Benzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Bromoform	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Bromomethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Chloroethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/04/2000 18:44	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/04/2000 18:44	
Chloroform	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Chloromethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/04/2000 18:44	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Dibromomethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/04/2000 18:44	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
2-Hex anone	ND	50	ug/Kg	1.00	10/04/2000 18:44	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/04/2000 18:44	
Naphthalene	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Styrene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-4,3.5-4	Lab Sample ID: 2000-09-0571-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 18:44
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Toluene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Vinyl acetate	ND	50	ug/Kg	1.00	10/04/2000 18:44	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Total xylenes	ND	10	ug/Kg	1.00	10/04/2000 18:44	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
Bromochloromethane	ND	20	ug/Kg	1.00	10/04/2000 18:44	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/04/2000 18:44	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	99.1	74-121	%	1.00	10/04/2000 18:44	
1,2-Dichloroethane-d4	97.2	70-121	%	1.00	10/04/2000 18:44	
Toluene-d8	95.0	81-117	%	1.00	10/04/2000 18:44	

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 19:25
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/04/2000 19:25	
Benzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Bromoform	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Bromomethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Chloroethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/04/2000 19:25	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/04/2000 19:25	
Chloroform	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Chloromethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/04/2000 19:25	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Dibromomethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/04/2000 19:25	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
2-Hex anone	ND	50	ug/Kg	1.00	10/04/2000 19:25	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/04/2000 19:25	
Naphthalene	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Styrene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Batch QC Report Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/04-01.06
MB: 2000/10/04-01.06-005		Date Extracted: 10/04/2000 11:35

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
Carbon disulfide	ND	5.0	ug/Kg	10/04/2000 11:35	
Isopropylbenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
Bromobenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
Bromochloromethane	ND	20	ug/Kg	10/04/2000 11:35	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/04/2000 11:35	
<i>Surrogate(s)</i>					
4-Bromofluorobenzene	99.1	74-121	ug/Kg	10/04/2000 11:35	
1,2-Dichloroethane-d4	95.2	70-121	ug/Kg	10/04/2000 11:35	
Toluene-d8	94.9	81-117	ug/Kg	10/04/2000 11:35	

Environmental Services (SDB)

 To: Camp Dresser & McKee
 Attn.: Mike Gray

 Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/05-01.06
MB: 2000/10/05-01.06-005		Date Extracted: 10/05/2000 13:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	10/05/2000 13:30	
Benzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromodichloromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromoform	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromomethane	ND	10.0	ug/Kg	10/05/2000 13:30	
Carbon tetrachloride	ND	5.0	ug/Kg	10/05/2000 13:30	
Chlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Chloroethane	ND	10	ug/Kg	10/05/2000 13:30	
Chloroethane	ND	10	ug/Kg	10/05/2000 13:30	
2-Butanone(MEK)	ND	50	ug/Kg	10/05/2000 13:30	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/05/2000 13:30	
Chloroform	ND	5.0	ug/Kg	10/05/2000 13:30	
Dibromochloromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/05/2000 13:30	
1,2-Dibromoethane	ND	10	ug/Kg	10/05/2000 13:30	
Dibromomethane	ND	10	ug/Kg	10/05/2000 13:30	
Dichlorodifluoromethane	ND	10	ug/Kg	10/05/2000 13:30	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/05/2000 13:30	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/05/2000 13:30	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/05/2000 13:30	
Ethylbenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
2-Hex anone	ND	50	ug/Kg	10/05/2000 13:30	
Methylene chloride	ND	5.0	ug/Kg	10/05/2000 13:30	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/05/2000 13:30	
Naphthalene	ND	10	ug/Kg	10/05/2000 13:30	
Styrene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Tetrachloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
Toluene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Trichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Vinyl acetate	ND	50	ug/Kg	10/05/2000 13:30	
Vinyl chloride	ND	5.0	ug/Kg	10/05/2000 13:30	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-5,2-2.5	Lab Sample ID: 2000-09-0571-011
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/04/2000 19:25
Matrix: Soil	QC-Batch: 2000/10/04-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Toluene	5.8	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Vinyl acetate	ND	50	ug/Kg	1.00	10/04/2000 19:25	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Total xylenes	ND	10	ug/Kg	1.00	10/04/2000 19:25	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
Bromochloromethane	ND	20	ug/Kg	1.00	10/04/2000 19:25	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/04/2000 19:25	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	106.1	74-121	%	1.00	10/04/2000 19:25	
1,2-Dichloroethane-d4	100.6	70-121	%	1.00	10/04/2000 19:25	
Toluene-d8	92.6	81-117	%	1.00	10/04/2000 19:25	

Environmental Services (SDB)

To: Camp Dresser & McKee
 Attn.: Mike Gray

Test Method: 8260A
 Prep Method: 5030

Batch QC Report
 Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/04-01.06
MB: 2000/10/04-01.06-005		Date Extracted: 10/04/2000 11:35

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	10/04/2000 11:35	
Benzene	ND	5.0	ug/Kg	10/04/2000 11:35	
Bromodichloromethane	ND	5.0	ug/Kg	10/04/2000 11:35	
Bromoform	ND	5.0	ug/Kg	10/04/2000 11:35	
Bromomethane	ND	10.0	ug/Kg	10/04/2000 11:35	
Carbon tetrachloride	ND	5.0	ug/Kg	10/04/2000 11:35	
Chlorobenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
Chloroethane	ND	10	ug/Kg	10/04/2000 11:35	
Chloroethane	ND	10	ug/Kg	10/04/2000 11:35	
2-Butanone(MEK)	ND	50	ug/Kg	10/04/2000 11:35	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/04/2000 11:35	
Chloroform	ND	5.0	ug/Kg	10/04/2000 11:35	
Dibromochloromethane	ND	5.0	ug/Kg	10/04/2000 11:35	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/04/2000 11:35	
1,2-Dibromoethane	ND	10	ug/Kg	10/04/2000 11:35	
Dibromomethane	ND	10	ug/Kg	10/04/2000 11:35	
Dichlorodifluoromethane	ND	10	ug/Kg	10/04/2000 11:35	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/04/2000 11:35	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/04/2000 11:35	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/04/2000 11:35	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/04/2000 11:35	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/04/2000 11:35	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/04/2000 11:35	
Ethylbenzene	ND	5.0	ug/Kg	10/04/2000 11:35	
2-Hex anone	ND	50	ug/Kg	10/04/2000 11:35	
Methylene chloride	ND	5.0	ug/Kg	10/04/2000 11:35	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/04/2000 11:35	
Naphthalene	ND	10	ug/Kg	10/04/2000 11:35	
Styrene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
Tetrachloroethene	ND	5.0	ug/Kg	10/04/2000 11:35	
Toluene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
Trichloroethene	ND	5.0	ug/Kg	10/04/2000 11:35	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/04/2000 11:35	
Vinyl acetate	ND	50	ug/Kg	10/04/2000 11:35	
Vinyl chloride	ND	5.0	ug/Kg	10/04/2000 11:35	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0571

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Batch QC Report Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/05-01.06
MB: 2000/10/05-01.06-005		Date Extracted: 10/05/2000 13:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Carbon disulfide	ND	5.0	ug/Kg	10/05/2000 13:30	
Isopropylbenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromochloromethane	ND	20	ug/Kg	10/05/2000 13:30	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
<i>Surrogate(s)</i>					
4-Bromofluorobenzene	96.2	74-121	ug/Kg	10/05/2000 13:30	
1,2-Dichloroethane-d4	79.8	70-121	ug/Kg	10/05/2000 13:30	
Toluene-d8	95.5	81-117	ug/Kg	10/05/2000 13:30	

To: Camp Dresser & McKee

Test Method: 8240A
8260A

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/04-01.06	
LCS:	2000/10/04-01.06-006	Extracted:	10/04/2000 12:14	Analyzed	10/04/2000 12:14
LCSD:	2000/10/04-01.06-004	Extracted:	10/04/2000 10:55	Analyzed	10/04/2000 10:55

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	89.1	91.1	100	100.0	89.1	91.1	2.2	69-129	20		
Chlorobenzene	90.5	88.3	100	100.0	90.5	88.3	2.5	61-121	20		
1,1-Dichloroethene	88.1	87.8	100	100.0	88.1	87.8	0.3	65-125	20		
Toluene	89.6	90.6	100	100.0	89.6	90.6	1.1	70-130	20		
Trichloroethene	81.8	81.1	100	100.0	81.8	81.1	0.9	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	456	480	500	500	91.2	96.0		74-121			
1,2-Dichloroethane-d4	441	462	500	500	88.2	92.4		70-121			
Toluene-d8	448	90.6	500	100.0	89.6	90.6		81-117			

To: Camp Dresser & McKee

Test Method: 8240A
8260A

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)

Soil

QC Batch # 2000/10/05-01.06

LCS: 2000/10/05-01.06-003

Extracted: 10/05/2000 12:09

Analyzed 10/05/2000 12:09

LCSD: 2000/10/05-01.06-004

Extracted: 10/05/2000 12:50



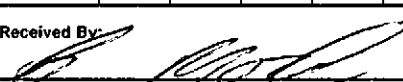

Analyzed 10/05/2000 12:50

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	95.9	99.3	100.0	100.0	95.9	99.3	3.5	69-129	20		
Chlorobenzene	96.5	97.6	100.0	100.0	96.5	97.6	1.1	61-121	20		
1,1-Dichloroethene	97.6	99.2	100.0	100.0	97.6	99.2	1.6	65-125	20		
Toluene	95.9	97.4	100.0	100.0	95.9	97.4	1.6	70-130	20		
Trichloroethene	86.7	88.2	100.0	100.0	86.7	88.2	1.7	74-134	20		
<i>Surrogate(s)</i>											
4-Bromofluorobenzene	491	475	500	500	98.2	95.0		74-121			
1,2-Dichloroethane-d4	481	452	500	500	96.2	90.4		70-121			
Toluene-d8	467	465	500	500	93.4	93.0		81-117			

2000-09-0568

ALISTO ENGINEERING GROUP CHAIN OF CUSTODY

54789

Project Information:				Report To:				Samples Submitted To:													
Project No: 10-369-13 Project Title: Soil and Groundwater Sampling Location: BART Fruitvale Station Oakland, California				Consultant: Camp Dresser & McKee Address: 100 Pringle Ave, Suite 300 Walnut Creek, CA 94596 Contact: Mike Gray Phone: (925) 296-8049 Fax: (925) 933-4174				Laboratory: Chromalab, Inc. Address: 1220 Quarry Lane Pleasanton, CA 94566-4756 Contact: Gary Cook Phone: (925) 484-1919 Fax: (925) 484-1096													
Sampler Name: Chris Cottingham, Alisto Engineering Group (print) Sampler's Signature: 				Bill To: Consultant: Camp Dresser & McKee Address: 100 Pringle Ave, Suite 300 Walnut Creek, CA 94596				Date Results Required: Date Report Required:													
TURN AROUND TIME				ANALYSIS								COMMENTS									
RUSH	24 Hour	48 Hour	5 Day	Standard	TPH-G/BTEX/ MTBE (EPA 8015/8020)	TPH-MO (EPA 8015)	TPH-D (EPA 8015)	CAM 17 metals	VOCs (EPA 8260)	SVOCs (EPA 8270)	Title 22 Metals (EPA 6010B/7471)										
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																	
Sample ID.	Date	# Containers	Matrix																	Container / Preservative	
S-1, 3.5-4	9/27/00	1	Soil	X	X	X	X	X	X	X	X										
GW-1, 5-5.5																					HOLD
GW-1, 10-10.5																					
GW-1, 15-15.5																					
GW-1, 20-20.5																					
S-1, 2-2.5				X	X	X	X	X	X	X	X										
GW-1, 25-25.5																					
S-1, 2-2.5				X	X	X	X	X	X	X	X										
S-2, 4-4.5				↓	↓	↓	↓	↓	↓	↓	↓										
S-2, 6-6.5				↓	↓	↓	↓	↓	↓	↓	↓										
GW-2, 11-11.5																					HOLD
Relinquished By: 	Date: 9/28/00	Time: 11:57	Received By: 				Date: 9/28/00	Time: 11:57	SPECIAL INSTRUCTIONS:												
Relinquished By: 	Date: 9/28/00	Time: 1:00	Received By: Denise Harrington				Date: 9/28/00	Time: @ 1801	Email results to bnagle@alisto.com and to Mike Gray at CDM.												
Relinquished By:	Date:	Time:	Received By:				Date:	Time:	5.2°C												

10/2

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

Date: October 11, 2000

Camp Dresser & McKee
100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn.: Mr. Mike Gray

Project: 10-369-13
Soil & Groundwater Sampling

Dear Mike,

Attached is our report for your samples received on Thursday September 28, 2000
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after November 12, 2000
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: gcook@chromalab.com

Sincerely,



Gary Cook

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CA DHS ELAP#1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

Volatile Organic Compounds by 8260A

Camp Dresser & McKee

☒ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-1, 3.5-4	Soil	09/27/2000	1
S-1, 2-2.5	Soil	09/27/2000	6
S-2, 2-2.5	Soil	09/27/2000	8
S-2, 4-4.5	Soil	09/27/2000	9
S-2, 6-6.5	Soil	09/27/2000	10
S-5,3.5-4	Soil	09/27/2000	12
S-6,2-2.5	Soil	09/27/2000	13
S-7,2-2.5	Soil	09/27/2000	14
S-7,3.5-4	Soil	09/27/2000	15

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:53
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 16:53	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 16:53	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 16:53	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 16:53	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 16:53	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 16:53	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 16:53	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:53
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 16:53	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 16:53	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 16:53	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 16:53	
Surrogate(s)						
4-Bromofluorobenzene	95.3	74-121	%	1.00	10/05/2000 16:53	
1,2-Dichloroethane-d4	89.0	70-121	%	1.00	10/05/2000 16:53	
Toluene-d8	93.6	81-117	%	1.00	10/05/2000 16:53	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 17:34
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 17:34	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	

1220 Quarry Lane * Pleasanton, CA 94566-4756

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 17:34
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 17:34	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 17:34	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 17:34
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 17:34	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 17:34	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 17:34	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 17:34	
Surrogate(s)						
4-Bromofluorobenzene	95.8	74-121	%	1.00	10/05/2000 17:34	
1,2-Dichloroethane-d4	100.3	70-121	%	1.00	10/05/2000 17:34	
Toluene-d8	94.3	81-117	%	1.00	10/05/2000 17:34	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	68	50	ug/Kg	1.00	10/05/2000 18:15	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 18:15	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 18:15	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 18:15	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 18:15	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 18:15	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 18:15	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 18:15	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 18:15	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 18:15	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:15	
Surrogate(s)						
4-Bromofluorobenzene	99.4	74-121	%	1.00	10/05/2000 18:15	
1,2-Dichloroethane-d4	98.3	70-121	%	1.00	10/05/2000 18:15	
Toluene-d8	91.9	81-117	%	1.00	10/05/2000 18:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:55
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	66	50	ug/Kg	1.00	10/05/2000 18:55	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 18:55	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 18:55	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 18:55	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 18:55	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 18:55	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 18:55	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:55
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 18:55	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 18:55	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 18:55	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 18:55	
Surrogate(s)						
4-Bromofluorobenzene	101.8	74-121	%	1.00	10/05/2000 18:55	
1,2-Dichloroethane-d4	91.9	70-121	%	1.00	10/05/2000 18:55	
Toluene-d8	94.2	81-117	%	1.00	10/05/2000 18:55	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 19:35
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 19:35	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 19:35	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 19:35	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 19:35	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 19:35	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 19:35	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 19:35	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 19:35
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 19:35	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 19:35	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 19:35	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 19:35	
Surrogate(s)						
4-Bromofluorobenzene	102.2	74-121	%	1.00	10/05/2000 19:35	
1,2-Dichloroethane-d4	91.3	70-121	%	1.00	10/05/2000 19:35	
Toluene-d8	94.5	81-117	%	1.00	10/05/2000 19:35	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-5,3.5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 20:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 20:15	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 20:15	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 20:15	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 20:15	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 20:15	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 20:15	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 20:15	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-5,3,5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 20:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Toluene	8.1	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 20:15	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 20:15	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 20:15	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:15	
Surrogate(s)						
4-Bromofluorobenzene	105.4	74-121	%	1.00	10/05/2000 20:15	
1,2-Dichloroethane-d4	99.5	70-121	%	1.00	10/05/2000 20:15	
Toluene-d8	93.5	81-117	%	1.00	10/05/2000 20:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 20:55
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	72	50	ug/Kg	1.00	10/05/2000 20:55	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 20:55	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 20:55	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 20:55	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 20:55	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 20:55	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 20:55	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 20:55
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 20:55	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 20:55	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 20:55	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 20:55	
Surrogate(s)						
4-Bromofluorobenzene	99.9	74-121	%	1.00	10/05/2000 20:55	
1,2-Dichloroethane-d4	99.2	70-121	%	1.00	10/05/2000 20:55	
Toluene-d8	94.2	81-117	%	1.00	10/05/2000 20:55	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 21:35
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 21:35	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 21:35	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 21:35	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 21:35	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 21:35	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 21:35	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 21:35	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 21:35
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 21:35	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 21:35	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 21:35	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 21:35	
Surrogate(s)						
4-Bromofluorobenzene	97.5	74-121	%	1.00	10/05/2000 21:35	
1,2-Dichloroethane-d4	97.8	70-121	%	1.00	10/05/2000 21:35	
Toluene-d8	96.5	81-117	%	1.00	10/05/2000 21:35	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 22:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	50	ug/Kg	1.00	10/05/2000 22:15	
Benzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Bromoform	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Bromomethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Chlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Chloroethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	10/05/2000 22:15	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	10/05/2000 22:15	
Chloroform	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Chloromethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	10/05/2000 22:15	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Dibromomethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	10/05/2000 22:15	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Ethylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
2-Hexanone	ND	50	ug/Kg	1.00	10/05/2000 22:15	
Methylene chloride	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	10/05/2000 22:15	
Naphthalene	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Styrene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8260A

Attn.: Mike Gray

Prep Method: 5030

Volatile Organic Compounds by 8260A

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 22:15
Matrix: Soil	QC-Batch: 2000/10/05-01.06

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Tetrachloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Toluene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Trichloroethene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Vinyl acetate	ND	50	ug/Kg	1.00	10/05/2000 22:15	
Vinyl chloride	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Total xylenes	ND	10	ug/Kg	1.00	10/05/2000 22:15	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Carbon disulfide	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Bromobenzene	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Bromochloromethane	ND	20	ug/Kg	1.00	10/05/2000 22:15	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	10/05/2000 22:15	
Surrogate(s)						
4-Bromofluorobenzene	100.7	74-121	%	1.00	10/05/2000 22:15	
1,2-Dichloroethane-d4	94.3	70-121	%	1.00	10/05/2000 22:15	
Toluene-d8	94.3	81-117	%	1.00	10/05/2000 22:15	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Batch QC Report Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/05-01.06
MB: 2000/10/05-01.06-005		Date Extracted: 10/05/2000 13:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	50	ug/Kg	10/05/2000 13:30	
Benzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromodichloromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromoform	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromomethane	ND	10.0	ug/Kg	10/05/2000 13:30	
Carbon tetrachloride	ND	5.0	ug/Kg	10/05/2000 13:30	
Chlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Chloroethane	ND	10	ug/Kg	10/05/2000 13:30	
Chloroethane	ND	10	ug/Kg	10/05/2000 13:30	
2-Butanone(MEK)	ND	50	ug/Kg	10/05/2000 13:30	
2-Chloroethylvinyl ether	ND	50	ug/Kg	10/05/2000 13:30	
Chloroform	ND	5.0	ug/Kg	10/05/2000 13:30	
Dibromochloromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	10/05/2000 13:30	
1,2-Dibromoethane	ND	10	ug/Kg	10/05/2000 13:30	
Dibromomethane	ND	10	ug/Kg	10/05/2000 13:30	
Dichlorodifluoromethane	ND	10	ug/Kg	10/05/2000 13:30	
1,1-Dichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/05/2000 13:30	
1,2-Dichloropropane	ND	5.0	ug/Kg	10/05/2000 13:30	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	10/05/2000 13:30	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	10/05/2000 13:30	
Ethylbenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
2-Hexanone	ND	50	ug/Kg	10/05/2000 13:30	
Methylene chloride	ND	5.0	ug/Kg	10/05/2000 13:30	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	10/05/2000 13:30	
Naphthalene	ND	10	ug/Kg	10/05/2000 13:30	
Styrene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Tetrachloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
Toluene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Trichloroethene	ND	5.0	ug/Kg	10/05/2000 13:30	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Vinyl acetate	ND	50	ug/Kg	10/05/2000 13:30	
Vinyl chloride	ND	5.0	ug/Kg	10/05/2000 13:30	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8260A
Prep Method: 5030

Batch QC Report
Volatile Organic Compounds by 8260A

Method Blank	Soil	QC Batch # 2000/10/05-01.06
MB: 2000/10/05-01.06-005		Date Extracted: 10/05/2000 13:30

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Carbon disulfide	ND	5.0	ug/Kg	10/05/2000 13:30	
Isopropylbenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromobenzene	ND	5.0	ug/Kg	10/05/2000 13:30	
Bromochloromethane	ND	20	ug/Kg	10/05/2000 13:30	
Trichlorofluoromethane	ND	5.0	ug/Kg	10/05/2000 13:30	
Surrogate(s)					
4-Bromofluorobenzene	96.2	74-121	ug/Kg	10/05/2000 13:30	
1,2-Dichloroethane-d4	79.8	70-121	ug/Kg	10/05/2000 13:30	
Toluene-d8	95.5	81-117	ug/Kg	10/05/2000 13:30	

To: Camp Dresser & McKee

Test Method: 8260A

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Volatile Organic Compounds by 8260A

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/05-01.06
LCS: 2000/10/05-01.06-003	Extracted: 10/05/2000 12:09	Analyzed 10/05/2000 12:09
LCSD: 2000/10/05-01.06-004	Extracted: 10/05/2000 12:50	Analyzed 10/05/2000 12:50

Compound	Conc. [ug/Kg]		Exp.Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	95.9	99.3	100.0	100.0	95.9	99.3	3.5	69-129	20		
Chlorobenzene	96.5	97.6	100.0	100.0	96.5	97.6	1.1	61-121	20		
1,1-Dichloroethene	97.6	99.2	100.0	100.0	97.6	99.2	1.6	65-125	20		
Toluene	95.9	97.4	100.0	100.0	95.9	97.4	1.6	70-130	20		
Trichloroethene	86.7	88.2	100.0	100.0	86.7	88.2	1.7	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	491	475	500	500	98.2	95.0		74-121			
1,2-Dichloroethane-d4	481	452	500	500	96.2	90.4		70-121			
Toluene-d8	467	465	500	500	93.4	93.0		81-117			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

Semi-volatile Organic Compounds by 8270A

Camp Dresser & McKee

☒ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-1, 3.5-4	Soil	09/27/2000	1
S-1, 2-2.5	Soil	09/27/2000	6
S-2, 2-2.5	Soil	09/27/2000	8
S-2, 4-4.5	Soil	09/27/2000	9
S-2, 6-6.5	Soil	09/27/2000	10
S-5,3.5-4	Soil	09/27/2000	12
S-6,2-2.5	Soil	09/27/2000	13
S-7,2-2.5	Soil	09/27/2000	14
S-7,3.5-4	Soil	09/27/2000	15

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 19:26	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 19:26	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 19:26	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 19:26	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 19:26	
Surrogate(s)						
Nitrobenzene-d5	54.5	23-120	%	1.00	10/03/2000 19:26	
2-Fluorobiphenyl	61.6	30-115	%	1.00	10/03/2000 19:26	
p-Terphenyl-d14	68.6	18-137	%	1.00	10/03/2000 19:26	
2-Fluorophenol	62.4	25-121	%	1.00	10/03/2000 19:26	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Phenol-d6	61.2	24-113	%	1.00	10/03/2000 19:26	
2,4,6-Tribromophenol	47.3	19-122	%	1.00	10/03/2000 19:26	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 20:12	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:12	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 20:12	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 20:12	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 20:12	
Surrogate(s)						
Nitrobenzene-d5	56.9	23-120	%	1.00	10/03/2000 20:12	
2-Fluorobiphenyl	60.7	30-115	%	1.00	10/03/2000 20:12	
p-Terphenyl-d14	74.1	18-137	%	1.00	10/03/2000 20:12	
2-Fluorophenol	58.4	25-121	%	1.00	10/03/2000 20:12	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Phenol-d6	61.4	24-113	%	1.00	10/03/2000 20:12	
2,4,6-Tribromophenol	48.9	19-122	%	1.00	10/03/2000 20:12	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 20:57	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 20:57	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 20:57	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 20:57	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 20:57	
Surrogate(s)						
Nitrobenzene-d5	48.1	23-120	%	1.00	10/03/2000 20:57	
2-Fluorobiphenyl	57.0	30-115	%	1.00	10/03/2000 20:57	
p-Terphenyl-d14	68.8	18-137	%	1.00	10/03/2000 20:57	
2-Fluorophenol	56.7	25-121	%	1.00	10/03/2000 20:57	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Phenol-d6	57.7	24-113	%	1.00	10/03/2000 20:57	
2,4,6-Tribromophenol	69.9	19-122	%	1.00	10/03/2000 20:57	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 21:42	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 21:42	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 21:42	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 21:42	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 21:42	
Surrogate(s)						
Nitrobenzene-d5	57.0	23-120	%	1.00	10/03/2000 21:42	
2-Fluorobiphenyl	64.3	30-115	%	1.00	10/03/2000 21:42	
p-Terphenyl-d14	91.4	18-137	%	1.00	10/03/2000 21:42	
2-Fluorophenol	67.0	25-121	%	1.00	10/03/2000 21:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	67.8	24-113	%	1.00	10/03/2000 21:42	
2,4,6-Tribromophenol	61.8	19-122	%	1.00	10/03/2000 21:42	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 22:28	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 22:28	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 22:28	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 22:28	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 22:28	
Surrogate(s)						
Nitrobenzene-d5	62.2	23-120	%	1.00	10/03/2000 22:28	
2-Fluorobiphenyl	68.8	30-115	%	1.00	10/03/2000 22:28	
p-Terphenyl-d14	84.3	18-137	%	1.00	10/03/2000 22:28	
2-Fluorophenol	69.6	25-121	%	1.00	10/03/2000 22:28	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Phenol-d6	69.3	24-113	%	1.00	10/03/2000 22:28	
2,4,6-Tribromophenol	60.7	19-122	%	1.00	10/03/2000 22:28	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,3,5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,3,5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 23:13	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:13	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 23:13	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 23:13	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 23:13	
Surrogate(s)						
Nitrobenzene-d5	59.6	23-120	%	1.00	10/03/2000 23:13	
2-Fluorobiphenyl	66.9	30-115	%	1.00	10/03/2000 23:13	
p-Terphenyl-d14	84.3	18-137	%	1.00	10/03/2000 23:13	
2-Fluorophenol	70.8	25-121	%	1.00	10/03/2000 23:13	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-5,3.5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	67.8	24-113	%	1.00	10/03/2000 23:13	
2,4,6-Tribromophenol	62.1	19-122	%	1.00	10/03/2000 23:13	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Isophorone	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Naphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Fluorene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/03/2000 23:58	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Pyrene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Chrysene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/03/2000 23:58	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/03/2000 23:58	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/03/2000 23:58	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/03/2000 23:58	
Surrogate(s)						
Nitrobenzene-d5	61.5	23-120	%	1.00	10/03/2000 23:58	
2-Fluorobiphenyl	68.0	30-115	%	1.00	10/03/2000 23:58	
p-Terphenyl-d14	81.5	18-137	%	1.00	10/03/2000 23:58	
2-Fluorophenol	69.2	25-121	%	1.00	10/03/2000 23:58	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	66.3	24-113	%	1.00	10/03/2000 23:58	
2,4,6-Tribromophenol	62.3	19-122	%	1.00	10/03/2000 23:58	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 00:43	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 00:43	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 00:43	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 00:43	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 00:43	
Surrogate(s)						
Nitrobenzene-d5	57.6	23-120	%	1.00	10/04/2000 00:43	
2-Fluorobiphenyl	65.2	30-115	%	1.00	10/04/2000 00:43	
p-Terphenyl-d14	80.1	18-137	%	1.00	10/04/2000 00:43	
2-Fluorophenol	64.1	25-121	%	1.00	10/04/2000 00:43	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
<i>Surrogate(s)</i>						
Phenol-d6	66.2	24-113	%	1.00	10/04/2000 00:43	
2,4,6-Tribromophenol	59.1	19-122	%	1.00	10/04/2000 00:43	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,3,5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2-Chlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Benzyl alcohol	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2-Methylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
4-Methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Hexachloroethane	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Nitrobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Isophorone	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2-Nitrophenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4-Dimethylphenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4-Dichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Naphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
4-Chloroaniline	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Hexachlorobutadiene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
2-Methylnaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2-Chloronaphthalene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Dimethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Acenaphthylene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
3-Nitroaniline	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Acenaphthene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4-Dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
4-Nitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,3,5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dibenzofuran	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Diethyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Fluorene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
4-Nitroaniline	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Hexachlorobenzene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Pentachlorophenol	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Phenanthrene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Di-n-butyl phthalate	ND	2.0	mg/Kg	1.00	10/04/2000 03:42	
Fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Pyrene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Butyl benzyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Benzo(a)anthracene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Chrysene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Di-n-octyl phthalate	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	1.00	10/04/2000 03:42	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Benzo(a)pyrene	ND	0.020	mg/Kg	1.00	10/04/2000 03:42	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	1.00	10/04/2000 03:42	
Benzoic acid	ND	0.50	mg/Kg	1.00	10/04/2000 03:42	
Surrogate(s)						
Nitrobenzene-d5	61.3	23-120	%	1.00	10/04/2000 03:42	
2-Fluorobiphenyl	69.3	30-115	%	1.00	10/04/2000 03:42	
p-Terphenyl-d14	81.5	18-137	%	1.00	10/04/2000 03:42	
2-Fluorophenol	69.4	25-121	%	1.00	10/04/2000 03:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Semi-volatile Organic Compounds by 8270A

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 07:19
Matrix: Soil	QC-Batch: 2000/10/03-01.11

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Surrogate(s)						
Phenol-d6	69.2	24-113	%	1.00	10/04/2000 03:42	
2,4,6-Tribromophenol	71.8	19-122	%	1.00	10/04/2000 03:42	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8270A
Prep Method: 3550/8270A

Batch QC Report
Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2000/10/03-01.11
MB: 2000/10/03-01.11-001		Date Extracted: 10/03/2000 07:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Phenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroethyl)ether	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Chlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
1,3-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
1,4-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Benzyl alcohol	ND	0.20	mg/Kg	10/03/2000 21:11	
1,2-Dichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Methylphenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroisopropyl) ether	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Methylphenol	ND	0.20	mg/Kg	10/03/2000 21:11	
N-Nitroso-di-n-propylamine	ND	0.10	mg/Kg	10/03/2000 21:11	
Hexachloroethane	ND	0.10	mg/Kg	10/03/2000 21:11	
Nitrobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Isophorone	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Nitrophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dimethylphenol	ND	0.10	mg/Kg	10/03/2000 21:11	
Bis(2-chloroethoxy) methane	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
1,2,4-Trichlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Naphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Chloroaniline	ND	0.20	mg/Kg	10/03/2000 21:11	
Hexachlorobutadiene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Chloro-3-methylphenol	ND	0.20	mg/Kg	10/03/2000 21:11	
2-Methylnaphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
Hexachlorocyclopentadiene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4,6-Trichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4,5-Trichlorophenol	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Chloronaphthalene	ND	0.10	mg/Kg	10/03/2000 21:11	
2-Nitroaniline	ND	0.50	mg/Kg	10/03/2000 21:11	
Dimethyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Acenaphthylene	ND	0.10	mg/Kg	10/03/2000 21:11	
3-Nitroaniline	ND	0.10	mg/Kg	10/03/2000 21:11	
Acenaphthene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dinitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
4-Nitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
Dibenzofuran	ND	0.10	mg/Kg	10/03/2000 21:11	
2,4-Dinitrotoluene	ND	0.10	mg/Kg	10/03/2000 21:11	
2,6-Dinitrotoluene	ND	0.20	mg/Kg	10/03/2000 21:11	
Diethyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
4-Chlorophenyl phenyl ether	ND	0.10	mg/Kg	10/03/2000 21:11	
Fluorene	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Nitroaniline	ND	0.50	mg/Kg	10/03/2000 21:11	
2-Methyl-4,6-dinitrophenol	ND	0.50	mg/Kg	10/03/2000 21:11	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Method Blank	Soil	QC Batch # 2000/10/03-01.11
MB: 2000/10/03-01.11-001		Date Extracted: 10/03/2000 07:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
N-Nitrosodiphenylamine	ND	0.10	mg/Kg	10/03/2000 21:11	
4-Bromophenyl phenyl ether	ND	0.10	mg/Kg	10/03/2000 21:11	
Hexachlorobenzene	ND	0.10	mg/Kg	10/03/2000 21:11	
Pentachlorophenol	ND	0.50	mg/Kg	10/03/2000 21:11	
Phenanthrene	ND	0.10	mg/Kg	10/03/2000 21:11	
Anthracene	ND	0.10	mg/Kg	10/03/2000 21:11	
Di-n-butyl phthalate	ND	2.0	mg/Kg	10/03/2000 21:11	
Fluoranthene	ND	0.10	mg/Kg	10/03/2000 21:11	
Pyrene	ND	0.10	mg/Kg	10/03/2000 21:11	
Butyl benzyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
3,3-Dichlorobenzidine	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(a)anthracene	ND	0.10	mg/Kg	10/03/2000 21:11	
bis(2-Ethylhexyl) phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Chrysene	ND	0.10	mg/Kg	10/03/2000 21:11	
Di-n-octyl phthalate	ND	0.50	mg/Kg	10/03/2000 21:11	
Benzo(b)fluoranthene	ND	0.10	mg/Kg	10/03/2000 21:11	
Benzo(k)fluoranthene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(a)pyrene	ND	0.02	mg/Kg	10/03/2000 21:11	
Indeno(1,2,3-c,d)pyrene	ND	0.20	mg/Kg	10/03/2000 21:11	
Dibenzo(a,h)anthracene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzo(g,h,i)perylene	ND	0.20	mg/Kg	10/03/2000 21:11	
Benzoic acid	ND	0.50	mg/Kg	10/03/2000 21:11	
Surrogate(s)					
Nitrobenzene-d5	56.8	23-120	%	10/03/2000 21:11	
2-Fluorobiphenyl	65.2	30-115	%	10/03/2000 21:11	
p-Terphenyl-d14	80.4	18-137	%	10/03/2000 21:11	
2-Fluorophenol	68.6	25-121	%	10/03/2000 21:11	
Phenol-d6	66.2	24-113	%	10/03/2000 21:11	
2,4,6-Tribromophenol	84.4	19-122	%	10/03/2000 21:11	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8270A

Attn: Mike Gray

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/03-01.11	
LCS:	2000/10/03-01.11-002	Extracted:	10/03/2000 07:19	Analyzed	10/03/2000 21:48
LCSD:	2000/10/03-01.11-003	Extracted:	10/03/2000 07:19	Analyzed	10/03/2000 22:24

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Phenol	1.33	1.37	2.00	2.00	66.5	68.5	3.0	20-90	35		
2-Chlorophenol	1.30	1.19	2.00	2.00	65.0	59.5	8.8	27-123	35		
1,4-Dichlorobenzene	0.660	0.620	1.000	1.000	66.0	62.0	6.3	28-104	30		
N-Nitroso-di-n-propylamin	0.610	0.590	1.000	1.000	61.0	59.0	3.3	25-114	39		
1,2,4-Trichlorobenzene	0.660	0.620	1.000	1.000	66.0	62.0	6.3	38-107	35		
4-Chloro-3-methylphenol	1.48	1.40	2.00	2.00	74.0	70.0	5.6	26-103	33		
Acenaphthene	0.650	0.710	1.000	1.000	65.0	71.0	8.8	49-102	30		
4-Nitrophenol	1.74	1.62	2.00	2.00	87.0	81.0	7.1	17-109	35		
2,4-Dinitrotoluene	0.780	0.760	1.000	1.000	78.0	76.0	2.6	28-89	38		
Pentachlorophenol	1.42	1.46	2.00	2.00	71.0	73.0	2.8	11-114	35		
Pyrene	0.650	0.650	1.000	1.000	65.0	65.0	0.0	25-117	35		
Surrogate(s)											
Nitrobenzene-d5	13.0	13.5	25	25	52.0	54.0		23-120			
2-Fluorobiphenyl	15.2	16.8	25	25	60.8	67.2		30-115			
p-Terphenyl-d14	22.2	18.8	25	25	88.8	75.2		18-137			
2-Fluorophenol	28.1	29.7	50	50	56.2	59.4		25-121			
Phenol-d6	34.5	37.3	50	50	69.0	74.6		24-113			
2,4,6-Tribromophenol	45.9	48.8	50	50	91.8	97.6		19-122			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8270A

Attn.: Mike Gray

Prep Method: 3550/8270A

Batch QC Report

Semi-volatile Organic Compounds by 8270A

Matrix Spike (MS / MSD)

Soil

QC Batch # 2000/10/03-01.11

Sample ID: **S-1, 3.5-4**

Lab Sample ID: 2000-09-0568-001

MS: 2000/10/03-01.11-004 Extracted: 10/03/2000 07:19 Analyzed: 10/03/2000 23:01 Dilution: 1.0

MSD: 2000/10/03-01.11-005 Extracted: 10/03/2000 07:19 Analyzed: 10/03/2000 23:37 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Phenol	1.32	1.53	ND	1.99	1.99	66.3	76.9	14.8	20-90	35		
2-Chlorophenol	1.37	1.48	ND	1.99	1.99	68.8	74.4	7.8	27-123	35		
1,4-Dichlorobenzene	0.670	0.760	ND	0.997	0.997	67.2	76.2	12.6	28-104	30		
N-Nitroso-di-n-propylami	0.580	0.680	ND	0.997	0.997	58.2	68.2	15.8	25-114	39		
1,2,4-Trichlorobenzene	0.670	0.700	ND	0.997	0.997	67.2	70.2	4.4	38-107	35		
4-Chloro-3-methylphenol	1.60	1.48	ND	1.99	1.99	80.4	74.4	7.8	26-103	33		
Acenaphthene	0.750	0.740	ND	0.997	0.997	75.2	74.2	1.3	49-102	30		
4-Nitrophenol	1.78	1.66	ND	1.99	1.99	89.4	83.4	6.9	17-109	35		
2,4-Dinitrotoluene	0.780	0.780	ND	0.997	0.997	78.2	78.2	0.0	28-89	38		
Pentachlorophenol	1.34	1.53	ND	1.99	1.99	67.3	76.9	13.3	11-114	35		
Pyrene	0.600	0.640	ND	0.997	0.997	60.2	64.2	6.4	25-117	35		
Surrogate(s)												
Nitrobenzene-d5	13.8	13.9		25	25	55.2	55.6		23-120			
2-Fluorobiphenyl	13.4	12.2		25	25	53.6	48.8		30-115			
p-Terphenyl-d14	16.4	21.7		25	25	65.6	86.8		18-137			
2-Fluorophenol	29.8	35.4		50	50	59.6	70.8		25-121			
Phenol-d6	36.7	43.6		50	50	73.4	87.2		24-113			
2,4,6-Tribromophenol	43.4	44.7		50	50	86.8	89.4		19-122			

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CAM 17 Metals

Camp Dresser & McKee

✉ 100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn: Mike Gray

Phone: (925) 296-8030 Fax: (925) 933-4174

Project #: 10-369-13

Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-1, 3.5-4	Soil	09/27/2000	1
S-1, 2-2.5	Soil	09/27/2000	6
S-2, 2-2.5	Soil	09/27/2000	8
S-2, 4-4.5	Soil	09/27/2000	9
S-2, 6-6.5	Soil	09/27/2000	10
S-5,3.5-4	Soil	09/27/2000	12
S-6,2-2.5	Soil	09/27/2000	13
S-7,2-2.5	Soil	09/27/2000	14
S-7,3.5-4	Soil	09/27/2000	15

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:55
Matrix: Soil	QC-Batch: 2000/10/05-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/05/2000 21:16	
Arsenic	6.7	1.0	mg/Kg	1.00	10/05/2000 21:16	
Barium	85	1.0	mg/Kg	1.00	10/05/2000 21:16	
Beryllium	ND	0.50	mg/Kg	1.00	10/05/2000 21:16	
Cadmium	ND	0.50	mg/Kg	1.00	10/05/2000 21:16	
Chromium	37	1.0	mg/Kg	1.00	10/05/2000 21:16	
Cobalt	3.1	1.0	mg/Kg	1.00	10/05/2000 21:16	
Copper	60	1.0	mg/Kg	1.00	10/05/2000 21:16	
Lead	7.4	1.0	mg/Kg	1.00	10/05/2000 21:16	
Molybdenum	ND	1.0	mg/Kg	1.00	10/05/2000 21:16	
Nickel	28	1.0	mg/Kg	1.00	10/05/2000 21:16	
Selenium	ND	2.0	mg/Kg	1.00	10/05/2000 21:16	
Silver	ND	1.0	mg/Kg	1.00	10/05/2000 21:16	
Thallium	ND	1.0	mg/Kg	1.00	10/05/2000 21:16	
Vanadium	24	1.0	mg/Kg	1.00	10/05/2000 21:16	
Zinc	98	1.0	mg/Kg	1.00	10/05/2000 21:16	
Mercury	0.11	0.050	mg/Kg	1.00	10/06/2000 21:15	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:55
Matrix: Soil	QC-Batch: 2000/10/05-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/05/2000 21:20	
Arsenic	6.2	1.0	mg/Kg	1.00	10/05/2000 21:20	
Barium	150	1.0	mg/Kg	1.00	10/05/2000 21:20	
Beryllium	0.65	0.50	mg/Kg	1.00	10/05/2000 21:20	
Cadmium	ND	0.50	mg/Kg	1.00	10/05/2000 21:20	
Chromium	42	1.0	mg/Kg	1.00	10/05/2000 21:20	
Cobalt	8.6	1.0	mg/Kg	1.00	10/05/2000 21:20	
Copper	30	1.0	mg/Kg	1.00	10/05/2000 21:20	
Lead	7.4	1.0	mg/Kg	1.00	10/05/2000 21:20	
Molybdenum	ND	1.0	mg/Kg	1.00	10/05/2000 21:20	
Nickel	58	1.0	mg/Kg	1.00	10/05/2000 21:20	
Selenium	ND	2.0	mg/Kg	1.00	10/05/2000 21:20	
Silver	ND	1.0	mg/Kg	1.00	10/05/2000 21:20	
Thallium	ND	1.0	mg/Kg	1.00	10/05/2000 21:20	
Vanadium	33	1.0	mg/Kg	1.00	10/05/2000 21:20	
Zinc	45	1.0	mg/Kg	1.00	10/05/2000 21:20	
Mercury	0.067	0.050	mg/Kg	1.00	10/06/2000 21:19	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:55
Matrix: Soil	QC-Batch: 2000/10/05-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/05/2000 21:24	
Arsenic	46	1.0	mg/Kg	1.00	10/05/2000 21:24	
Barium	190	1.0	mg/Kg	1.00	10/05/2000 21:24	
Beryllium	0.64	0.50	mg/Kg	1.00	10/05/2000 21:24	
Cadmium	ND	0.50	mg/Kg	1.00	10/05/2000 21:24	
Chromium	51	1.0	mg/Kg	1.00	10/05/2000 21:24	
Cobalt	10	1.0	mg/Kg	1.00	10/05/2000 21:24	
Copper	55	1.0	mg/Kg	1.00	10/05/2000 21:24	
Lead	53	1.0	mg/Kg	1.00	10/05/2000 21:24	
Molybdenum	ND	1.0	mg/Kg	1.00	10/05/2000 21:24	
Nickel	76	1.0	mg/Kg	1.00	10/05/2000 21:24	
Selenium	ND	2.0	mg/Kg	1.00	10/05/2000 21:24	
Silver	ND	1.0	mg/Kg	1.00	10/05/2000 21:24	
Thallium	ND	1.0	mg/Kg	1.00	10/05/2000 21:24	
Vanadium	35	1.0	mg/Kg	1.00	10/05/2000 21:24	
Zinc	140	1.0	mg/Kg	1.00	10/05/2000 21:24	
Mercury	0.26	0.050	mg/Kg	1.00	10/06/2000 21:20	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 16:55
Matrix: Soil	QC-Batch: 2000/10/05-02.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/05/2000 21:27	
Arsenic	14	1.0	mg/Kg	1.00	10/05/2000 21:27	
Barium	210	1.0	mg/Kg	1.00	10/05/2000 21:27	
Beryllium	0.77	0.50	mg/Kg	1.00	10/05/2000 21:27	
Cadmium	ND	0.50	mg/Kg	1.00	10/05/2000 21:27	
Chromium	55	1.0	mg/Kg	1.00	10/05/2000 21:27	
Cobalt	12	1.0	mg/Kg	1.00	10/05/2000 21:27	
Copper	49	1.0	mg/Kg	1.00	10/05/2000 21:27	
Lead	29	1.0	mg/Kg	1.00	10/05/2000 21:27	
Molybdenum	ND	1.0	mg/Kg	1.00	10/05/2000 21:27	
Nickel	92	1.0	mg/Kg	1.00	10/05/2000 21:27	
Selenium	ND	2.0	mg/Kg	1.00	10/05/2000 21:27	
Silver	ND	1.0	mg/Kg	1.00	10/05/2000 21:27	
Thallium	ND	1.0	mg/Kg	1.00	10/05/2000 21:27	
Vanadium	37	1.0	mg/Kg	1.00	10/05/2000 21:27	
Zinc	84	1.0	mg/Kg	1.00	10/05/2000 21:27	
Mercury	0.13	0.050	mg/Kg	1.00	10/06/2000 21:21	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 13:44	
Arsenic	5.1	1.0	mg/Kg	1.00	10/06/2000 13:44	
Barium	110	1.0	mg/Kg	1.00	10/06/2000 13:44	
Beryllium	0.67	0.50	mg/Kg	1.00	10/06/2000 13:44	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 13:44	
Chromium	44	1.0	mg/Kg	1.00	10/06/2000 13:44	
Cobalt	10	1.0	mg/Kg	1.00	10/06/2000 13:44	
Copper	26	1.0	mg/Kg	1.00	10/06/2000 13:44	
Lead	6.3	1.0	mg/Kg	1.00	10/06/2000 13:44	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 13:44	
Nickel	75	1.0	mg/Kg	1.00	10/06/2000 13:44	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 13:44	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 13:44	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 13:44	
Vanadium	33	1.0	mg/Kg	1.00	10/06/2000 13:44	
Zinc	43	1.0	mg/Kg	1.00	10/06/2000 13:44	
Mercury	0.062	0.050	mg/Kg	1.00	10/06/2000 16:41	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-5,3.5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 13:54	
Arsenic	5.4	1.0	mg/Kg	1.00	10/06/2000 13:54	
Barium	190	1.0	mg/Kg	1.00	10/06/2000 13:54	
Beryllium	0.81	0.50	mg/Kg	1.00	10/06/2000 13:54	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 13:54	
Chromium	45	1.0	mg/Kg	1.00	10/06/2000 13:54	
Cobalt	14	1.0	mg/Kg	1.00	10/06/2000 13:54	
Copper	26	1.0	mg/Kg	1.00	10/06/2000 13:54	
Lead	7.5	1.0	mg/Kg	1.00	10/06/2000 13:54	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 13:54	
Nickel	92	1.0	mg/Kg	1.00	10/06/2000 13:54	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 13:54	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 13:54	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 13:54	
Vanadium	37	1.0	mg/Kg	1.00	10/06/2000 13:54	
Zinc	40	1.0	mg/Kg	1.00	10/06/2000 13:54	
Mercury	0.057	0.050	mg/Kg	1.00	10/06/2000 16:42	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 13:58	
Arsenic	5.6	1.0	mg/Kg	1.00	10/06/2000 13:58	
Barium	190	1.0	mg/Kg	1.00	10/06/2000 13:58	
Beryllium	0.65	0.50	mg/Kg	1.00	10/06/2000 13:58	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 13:58	
Chromium	49	1.0	mg/Kg	1.00	10/06/2000 13:58	
Cobalt	9.9	1.0	mg/Kg	1.00	10/06/2000 13:58	
Copper	33	1.0	mg/Kg	1.00	10/06/2000 13:58	
Lead	9.3	1.0	mg/Kg	1.00	10/06/2000 13:58	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 13:58	
Nickel	88	1.0	mg/Kg	1.00	10/06/2000 13:58	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 13:58	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 13:58	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 13:58	
Vanadium	32	1.0	mg/Kg	1.00	10/06/2000 13:58	
Zinc	39	1.0	mg/Kg	1.00	10/06/2000 13:58	
Mercury	0.086	0.050	mg/Kg	1.00	10/06/2000 16:43	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 14:01	
Arsenic	35	1.0	mg/Kg	1.00	10/06/2000 14:01	
Barium	150	1.0	mg/Kg	1.00	10/06/2000 14:01	
Beryllium	ND	0.50	mg/Kg	1.00	10/06/2000 14:01	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 14:01	
Chromium	24	1.0	mg/Kg	1.00	10/06/2000 14:01	
Cobalt	5.7	1.0	mg/Kg	1.00	10/06/2000 14:01	
Copper	26	1.0	mg/Kg	1.00	10/06/2000 14:01	
Lead	7.9	1.0	mg/Kg	1.00	10/06/2000 14:01	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 14:01	
Nickel	28	1.0	mg/Kg	1.00	10/06/2000 14:01	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 14:01	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 14:01	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 14:01	
Vanadium	19	1.0	mg/Kg	1.00	10/06/2000 14:01	
Zinc	35	1.0	mg/Kg	1.00	10/06/2000 14:01	
Mercury	ND	0.050	mg/Kg	1.00	10/06/2000 16:45	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

CAM 17 Metals

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/05/2000 18:19
Matrix: Soil	QC-Batch: 2000/10/05-03.15

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	10/06/2000 14:05	
Arsenic	31	1.0	mg/Kg	1.00	10/06/2000 14:05	
Barium	73	1.0	mg/Kg	1.00	10/06/2000 14:05	
Beryllium	ND	0.50	mg/Kg	1.00	10/06/2000 14:05	
Cadmium	ND	0.50	mg/Kg	1.00	10/06/2000 14:05	
Chromium	25	1.0	mg/Kg	1.00	10/06/2000 14:05	
Cobalt	7.9	1.0	mg/Kg	1.00	10/06/2000 14:05	
Copper	43	1.0	mg/Kg	1.00	10/06/2000 14:05	
Lead	32	1.0	mg/Kg	1.00	10/06/2000 14:05	
Molybdenum	ND	1.0	mg/Kg	1.00	10/06/2000 14:05	
Nickel	36	1.0	mg/Kg	1.00	10/06/2000 14:05	
Selenium	ND	2.0	mg/Kg	1.00	10/06/2000 14:05	
Silver	ND	1.0	mg/Kg	1.00	10/06/2000 14:05	
Thallium	ND	1.0	mg/Kg	1.00	10/06/2000 14:05	
Vanadium	29	1.0	mg/Kg	1.00	10/06/2000 14:05	
Zinc	68	1.0	mg/Kg	1.00	10/06/2000 14:05	
Mercury	0.056	0.050	mg/Kg	1.00	10/06/2000 16:48	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/05-02.15
MB: 2000/10/05-02.15-005		Date Extracted: 10/05/2000 16:55

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	10/05/2000 20:06	
Arsenic	ND	1.0	mg/Kg	10/05/2000 20:06	
Barium	ND	1.0	mg/Kg	10/05/2000 20:06	
Beryllium	ND	0.50	mg/Kg	10/05/2000 20:06	
Cadmium	ND	0.50	mg/Kg	10/05/2000 20:06	
Chromium	ND	1.0	mg/Kg	10/05/2000 20:06	
Cobalt	ND	1.0	mg/Kg	10/05/2000 20:06	
Copper	ND	1.0	mg/Kg	10/05/2000 20:06	
Lead	ND	1.0	mg/Kg	10/05/2000 20:06	
Molybdenum	ND	1.0	mg/Kg	10/05/2000 20:06	
Nickel	ND	1.0	mg/Kg	10/05/2000 20:06	
Selenium	ND	2.0	mg/Kg	10/05/2000 20:06	
Silver	ND	1.0	mg/Kg	10/05/2000 20:06	
Thallium	ND	1.0	mg/Kg	10/05/2000 20:06	
Vanadium	ND	1.0	mg/Kg	10/05/2000 20:06	
Zinc	ND	1.0	mg/Kg	10/05/2000 20:06	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/06-01.16
MB: 2000/10/06-01.16-131		Date Extracted: 10/06/2000 11:09

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	10/06/2000 16:37	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn.: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/06-03.16
MB: 2000/10/06-03.16-132		Date Extracted: 10/06/2000 13:01

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	10/06/2000 21:00	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B

7471A

Attn.: Mike Gray

Prep Method: 3050B

7471A

Batch QC Report
CAM 17 Metals

Method Blank	Soil	QC Batch # 2000/10/05-03.15
MB: 2000/10/05-03.15-047		Date Extracted: 10/05/2000 18:19

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	10/06/2000 13:33	
Arsenic	ND	1.0	mg/Kg	10/06/2000 13:33	
Barium	ND	1.0	mg/Kg	10/06/2000 13:33	
Beryllium	ND	0.50	mg/Kg	10/06/2000 13:33	
Cadmium	ND	0.50	mg/Kg	10/06/2000 13:33	
Chromium	ND	1.0	mg/Kg	10/06/2000 13:33	
Cobalt	ND	1.0	mg/Kg	10/06/2000 13:33	
Copper	ND	1.0	mg/Kg	10/06/2000 13:33	
Lead	ND	1.0	mg/Kg	10/06/2000 13:33	
Molybdenum	ND	1.0	mg/Kg	10/06/2000 13:33	
Nickel	ND	1.0	mg/Kg	10/06/2000 13:33	
Selenium	ND	2.0	mg/Kg	10/06/2000 13:33	
Silver	ND	1.0	mg/Kg	10/06/2000 13:33	
Thallium	ND	1.0	mg/Kg	10/06/2000 13:33	
Vanadium	ND	1.0	mg/Kg	10/06/2000 13:33	
Zinc	ND	1.0	mg/Kg	10/06/2000 13:33	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/05-02.15	
LCS:	2000/10/05-02.15-006	Extracted:	10/05/2000 16:55	Analyzed	10/05/2000 20:09
LCSD:	2000/10/05-02.15-007	Extracted:	10/05/2000 16:55	Analyzed	10/05/2000 20:13

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	106	106	100.0	100.0	106.0	106.0	0.0	80-120	20		
Arsenic	114	112	100.0	100.0	114.0	112.0	1.8	80-120	20		
Barium	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Beryllium	104	103	100.0	100.0	104.0	103.0	1.0	80-120	20		
Cadmium	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Chromium	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Cobalt	104	103	100.0	100.0	104.0	103.0	1.0	80-120	20		
Copper	105	105	100.0	100.0	105.0	105.0	0.0	80-120	20		
Lead	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Molybdenum	104	104	100.0	100.0	104.0	104.0	0.0	80-120	20		
Nickel	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		
Selenium	106	105	100.0	100.0	106.0	105.0	0.9	80-120	20		
Silver	104	104	100.0	100.0	104.0	104.0	0.0	80-120	20		
Thallium	103	101	100.0	100.0	103.0	101.0	2.0	80-120	20		
Vanadium	105	105	100.0	100.0	105.0	105.0	0.0	80-120	20		
Zinc	103	103	100.0	100.0	103.0	103.0	0.0	80-120	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/06-01.16
LCS: 2000/10/06-01.16-132	Extracted: 10/06/2000 11:09	Analyzed 10/06/2000 16:39
LCSD: 2000/10/06-01.16-133	Extracted: 10/06/2000 11:09	Analyzed 10/06/2000 16:40

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.482	0.463	0.500	0.500	96.4	92.6	4.0	85-115	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/06-03.16
LCS: 2000/10/06-03.16-133	Extracted: 10/06/2000 13:01	Analyzed 10/06/2000 21:01
LCSD: 2000/10/06-03.16-136	Extracted: 10/06/2000 13:01	Analyzed 10/06/2000 21:05

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.480	0.481	0.500	0.500	96.0	96.2	0.2	85-115	20		

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 6010B
7471A

Attn: Mike Gray

Prep Method: 3050B
7471A

Batch QC Report

CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/05-03.15	
LCS:	2000/10/05-03.15-048	Extracted:	10/05/2000 18:19	Analyzed	10/06/2000 13:37
LCSD:	2000/10/05-03.15-049	Extracted:	10/05/2000 18:19	Analyzed	10/06/2000 13:40

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	98.8	101	100.0	100.0	98.8	101.0	2.2	80-120	20		
Arsenic	106	107	100.0	100.0	106.0	107.0	0.9	80-120	20		
Barium	100	102	100.0	100.0	100.0	102.0	2.0	80-120	20		
Beryllium	101	101	100.0	100.0	101.0	101.0	0.0	80-120	20		
Cadmium	98.1	99.7	100.0	100.0	98.1	99.7	1.6	80-120	20		
Chromium	99.1	101	100.0	100.0	99.1	101.0	1.9	80-120	20		
Cobalt	99.0	100	100.0	100.0	99.0	100.0	1.0	80-120	20		
Copper	99.3	101	100.0	100.0	99.3	101.0	1.7	80-120	20		
Lead	98.2	99.7	100.0	100.0	98.2	99.7	1.5	80-120	20		
Molybdenum	99.9	102	100.0	100.0	99.9	102.0	2.1	80-120	20		
Nickel	98.8	100	100.0	100.0	98.8	100.0	1.2	80-120	20		
Selenium	99.3	101	100.0	100.0	99.3	101.0	1.7	80-120	20		
Silver	99.7	101	100.0	100.0	99.7	101.0	1.3	80-120	20		
Thallium	101	102	100.0	100.0	101.0	102.0	1.0	80-120	20		
Vanadium	99.6	101	100.0	100.0	99.6	101.0	1.4	80-120	20		
Zinc	97.0	98.5	100.0	100.0	97.0	98.5	1.5	80-120	20		

Gas/BTEX and MTBE

Camp Dresser & McKee	✉ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-13	Project: Soil & Groundwater Sampling

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
S-1, 3.5-4	Soil	09/27/2000	1
S-1, 2-2.5	Soil	09/27/2000	6
S-2, 2-2.5	Soil	09/27/2000	8
S-2, 4-4.5	Soil	09/27/2000	9
S-2, 6-6.5	Soil	09/27/2000	10
S-5,3.5-4	Soil	09/27/2000	12
S-6,2-2.5	Soil	09/27/2000	13
S-7,2-2.5	Soil	09/27/2000	14
S-7,3.5-4	Soil	09/27/2000	15

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-1, 3.5-4	Lab Sample ID: 2000-09-0568-001
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 18:32
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 18:32	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 18:32	
Toluene	ND	0.0050	mg/Kg	1.00	10/02/2000 18:32	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 18:32	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 18:32	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 18:32	
Surrogate(s)						
Trifluorotoluene	91.8	53-125	%	1.00	10/02/2000 18:32	
4-Bromofluorobenzene-FID	60.9	58-124	%	1.00	10/02/2000 18:32	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 18:59
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 18:59	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 18:59	
Toluene	0.0063	0.0050	mg/Kg	1.00	10/02/2000 18:59	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 18:59	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 18:59	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 18:59	
Surrogate(s)						
Trifluorotoluene	73.5	53-125	%	1.00	10/02/2000 18:59	
Trifluorotoluene-FID	58.7	53-125	%	1.00	10/02/2000 18:59	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 19:27
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 19:27	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 19:27	
Toluene	0.0070	0.0050	mg/Kg	1.00	10/02/2000 19:27	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 19:27	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 19:27	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 19:27	
Surrogate(s)						
Trifluorotoluene	75.3	53-125	%	1.00	10/02/2000 19:27	
Trifluorotoluene-FID	60.5	53-125	%	1.00	10/02/2000 19:27	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 19:55
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 19:55	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 19:55	
Toluene	ND	0.0050	mg/Kg	1.00	10/02/2000 19:55	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 19:55	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 19:55	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 19:55	
Surrogate(s)						
Trifluorotoluene	73.5	53-125	%	1.00	10/02/2000 19:55	
Trifluorotoluene-FID	57.4	53-125	%	1.00	10/02/2000 19:55	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 20:22
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 20:22	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 20:22	
Toluene	ND	0.0050	mg/Kg	1.00	10/02/2000 20:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 20:22	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 20:22	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 20:22	
Surrogate(s)						
Trifluorotoluene	89.8	53-125	%	1.00	10/02/2000 20:22	
Trifluorotoluene-FID	72.4	53-125	%	1.00	10/02/2000 20:22	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-5,3.5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 21:45
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/02/2000 21:45	
Benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 21:45	
Toluene	ND	0.0050	mg/Kg	1.00	10/02/2000 21:45	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/02/2000 21:45	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/02/2000 21:45	
MTBE	ND	0.0050	mg/Kg	1.00	10/02/2000 21:45	
Surrogate(s)						
Trifluorotoluene	53.4	53-125	%	1.00	10/02/2000 21:45	
Trifluorotoluene-FID	52.5	53-125	%	1.00	10/02/2000 21:45	sl

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 00:03
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 00:03	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:03	
Toluene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:03	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:03	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 00:03	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 00:03	
Surrogate(s)						
Trifluorotoluene	60.7	53-125	%	1.00	10/03/2000 00:03	
Trifluorotoluene-FID	55.4	53-125	%	1.00	10/03/2000 00:03	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 00:31
Matrix: Soil	QC-Batch: 2000/10/02-01.04

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 00:31	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:31	
Toluene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:31	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 00:31	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 00:31	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 00:31	
Surrogate(s)						
Trifluorotoluene	61.5	53-125	%	1.00	10/03/2000 00:31	
Trifluorotoluene-FID	54.8	53-125	%	1.00	10/03/2000 00:31	

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8020
8015M

Attn.: Mike Gray

Prep Method: 5030

Gas/BTEX and MTBE

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/03/2000 21:52
Matrix: Soil	QC-Batch: 2000/10/03-01.03

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	10/03/2000 21:52	
Benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 21:52	
Toluene	0.0081	0.0050	mg/Kg	1.00	10/03/2000 21:52	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	10/03/2000 21:52	
Xylene(s)	ND	0.0050	mg/Kg	1.00	10/03/2000 21:52	
MTBE	ND	0.0050	mg/Kg	1.00	10/03/2000 21:52	
Surrogate(s)						
Trifluorotoluene	63.7	53-125	%	1.00	10/03/2000 21:52	
Trifluorotoluene-FID	59.6	53-125	%	1.00	10/03/2000 21:52	

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

8020

Attn.: Mike Gray

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

Method Blank	Soil	QC Batch # 2000/10/02-01.04
MB: 2000/10/02-01.04-001		Date Extracted: 10/02/2000 06:06

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	10/02/2000 06:06	
Benzene	ND	0.0050	mg/Kg	10/02/2000 06:06	
Toluene	ND	0.0050	mg/Kg	10/02/2000 06:06	
Ethyl benzene	ND	0.0050	mg/Kg	10/02/2000 06:06	
Xylene(s)	ND	0.0050	mg/Kg	10/02/2000 06:06	
MTBE	ND	0.0050	mg/Kg	10/02/2000 06:06	
Surrogate(s)					
Trifluorotoluene	86.6	53-125	%	10/02/2000 06:06	
4-Bromofluorobenzene-FID	64.0	58-124	%	10/02/2000 06:06	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

8020

Prep Method: 5030

Batch QC Report Gas/BTEX and MTBE

Method Blank	Soil	QC Batch # 2000/10/03-01.03
MB: 2000/10/03-01.03-001		Date Extracted: 10/03/2000 13:15

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	10/03/2000 13:15	
Benzene	ND	0.0050	mg/Kg	10/03/2000 13:15	
Toluene	ND	0.0050	mg/Kg	10/03/2000 13:15	
Ethyl benzene	ND	0.0050	mg/Kg	10/03/2000 13:15	
Xylene(s)	ND	0.0050	mg/Kg	10/03/2000 13:15	
MTBE	ND	0.0050	mg/Kg	10/03/2000 13:15	
Surrogate(s)					
Trifluorotoluene	81.0	53-125	%	10/03/2000 13:15	
4-Bromofluorobenzene-FID	81.6	58-124	%	10/03/2000 13:15	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8015M
8020

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/02-01.04
LCS: 2000/10/02-01.04-002	Extracted: 10/02/2000 06:34	Analyzed 10/02/2000 06:34
LCSD: 2000/10/02-01.04-003	Extracted: 10/02/2000 07:01	Analyzed 10/02/2000 07:01

Compound	Conc. [mg/Kg]		Exp.Conc. [mg/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.529	0.502	0.500	0.500	105.8	100.4	5.2	75-125	35		
Benzene	0.0972	0.0890	0.1000	0.1000	97.2	89.0	8.8	77-123	35		
Toluene	0.0894	0.0830	0.1000	0.1000	89.4	83.0	7.4	78-122	35		
Ethyl benzene	0.0870	0.0820	0.1000	0.1000	87.0	82.0	5.9	70-130	35		
Xylene(s)	0.259	0.245	0.300	0.300	86.3	81.7	5.5	75-125	35		
Surrogate(s)											
Trifluorotoluene	443	404	500	500	88.6	80.8		53-125			
4-Bromofluorobenzene-FI	363	342	500	500	72.6	68.4		58-124			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M
8020

Attn: Mike Gray

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/10/03-01.03	
LCS:	2000/10/03-01.03-002	Extracted:	10/03/2000 14:56	Analyzed	10/03/2000 14:56
LCSD:	2000/10/03-01.03-003	Extracted:	10/03/2000 15:30	Analyzed	10/03/2000 15:30

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Gasoline	0.460	0.412	0.500	0.500	92.0	82.4	11.0	75-125	35		
Benzene	0.0961	0.0877	0.1000	0.1000	96.1	87.7	9.1	77-123	35		
Toluene	0.0919	0.0838	0.1000	0.1000	91.9	83.8	9.2	78-122	35		
Ethyl benzene	0.0885	0.0799	0.1000	0.1000	88.5	79.9	10.2	70-130	35		
Xylene(s)	0.263	0.239	0.300	0.300	87.7	79.7	9.6	75-125	35		
Surrogate(s)											
Trifluorotoluene	407	344	500	500	81.4	68.8		53-125			
4-Bromofluorobenzene-FI	377	328	500	500	75.4	65.6		58-124			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

8020

Attn.: Mike Gray

Prep Method: 5030

Batch QC Report

Gas/BTEX and MTBE

Matrix Spike (MS / MSD)

Soil

QC Batch # 2000/10/02-01.04

Sample ID: S-5,3,5-4

Lab Sample ID: 2000-09-0568-012

MS: 2000/10/02-01.04-004 Extracted: 10/02/2000 22:13 Analyzed: 10/02/2000 22:13 Dilution: 1.0

MSD: 2000/10/02-01.04-005 Extracted: 10/02/2000 22:40 Analyzed: 10/02/2000 22:40 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD		Recovery	RPD	MS	MSD
Gasoline	0.267	0.308	ND	0.484	0.493	55.2	62.5	12.4	65-135	35	mso	mso
Benzene	0.0680	0.0690	ND	0.0969	0.0986	70.2	70.0	0.3	65-135	35		
Toluene	0.0640	0.0620	ND	0.0969	0.0986	66.0	62.9	4.8	65-135	35		mso
Ethyl benzene	0.0520	0.0510	ND	0.0969	0.0986	53.7	51.7	3.8	65-135	35	mso	mso
Xylene(s)	0.147	0.145	ND	0.291	0.296	50.5	49.0	3.0	65-135	35	mso	mso
Surrogate(s)												
Trifluorotoluene	299	284		500	500	59.8	56.8		53-125			
Trifluorotoluene-FID	265	303		500	500	53.0	60.6		53-125			

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To: Camp Dresser & McKee

Test Method: 8015M
8020

Attn: Mike Gray

Prep Method: 5030

Legend & Notes

Gas/BTEX and MTBE

QC Compound Flags

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

Analyte Flags

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-1, 2-2.5	Lab Sample ID: 2000-09-0568-006
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 05:47	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 05:47	
Surrogate(s) o-Terphenyl	94.9	60-130	%	1.00	10/05/2000 05:47	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-2, 2-2.5	Lab Sample ID: 2000-09-0568-008
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	240	2.0	mg/Kg	2.00	10/05/2000 12:04	ndp
Motor Oil	490	100	mg/Kg	2.00	10/05/2000 12:04	
Surrogate(s) o-Terphenyl	83.4	60-130	%	2.00	10/05/2000 12:04	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-2, 4-4.5	Lab Sample ID: 2000-09-0568-009
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	29	1.0	mg/Kg	1.00	10/05/2000 07:30	ndp
Motor Oil	77	50	mg/Kg	1.00	10/05/2000 07:30	
Surrogate(s) o-Terphenyl	98.1	60-130	%	1.00	10/05/2000 07:30	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-2, 6-6.5	Lab Sample ID: 2000-09-0568-010
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.5	1.0	mg/Kg	1.00	10/05/2000 04:04	ndp
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 04:04	
Surrogate(s) o-Terphenyl	93.0	60-130	%	1.00	10/05/2000 04:04	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-5,3.5-4	Lab Sample ID: 2000-09-0568-012
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 04:38	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 04:38	
Surrogate(s) o-Terphenyl	85.6	60-130	%	1.00	10/05/2000 04:38	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-6,2-2.5	Lab Sample ID: 2000-09-0568-013
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	10/05/2000 05:13	
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 05:13	
<i>Surrogate(s)</i> o-Terphenyl	85.7	60-130	%	1.00	10/05/2000 05:13	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**

Test Method: 8015M

Attn.: Mike Gray

Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-7,2-2.5	Lab Sample ID: 2000-09-0568-014
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	1.7	1.0	mg/Kg	1.00	10/05/2000 05:47	ndp
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 05:47	
Surrogate(s) o-Terphenyl	100.8	60-130	%	1.00	10/05/2000 05:47	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID: S-7,3.5-4	Lab Sample ID: 2000-09-0568-015
Project: 10-369-13 Soil & Groundwater Sampling	Received: 09/28/2000 18:01
Sampled: 09/27/2000	Extracted: 10/02/2000 16:23
Matrix: Soil	QC-Batch: 2000/10/02-03.10

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	2.3	1.0	mg/Kg	1.00	10/05/2000 06:21	ndp
Motor Oil	ND	50	mg/Kg	1.00	10/05/2000 06:21	
Surrogate(s) o-Terphenyl	98.0	60-130	%	1.00	10/05/2000 06:21	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank	Soil	QC Batch # 2000/10/02-03.10
MB: 2000/10/02-03.10-001		Date Extracted: 10/02/2000 16:23

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	1	mg/Kg	10/05/2000 10:06	
Motor Oil	ND	50	mg/Kg	10/05/2000 10:06	
Surrogate(s) o-Terphenyl	78.5	60-130	%	10/05/2000 10:06	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: Camp Dresser & McKee

Test Method: 8015M

Attn: Mike Gray

Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD)	Soil	QC Batch # 2000/10/02-03.10
LCS: 2000/10/02-03.10-002	Extracted: 10/02/2000 16:23	Analyzed 10/05/2000 10:44
LCSD: 2000/10/02-03.10-003	Extracted: 10/02/2000 16:23	Analyzed 10/05/2000 11:23

Compound	Conc. [mg/Kg]		Exp. Conc. [mg/Kg]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Diesel	30.7	29.4	41.7	41.7	73.6	70.5	4.3	60-130	25		
Surrogate(s) o-Terphenyl	15.9	15.7	20.0	20.0	79.5	78.5		60-130			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
 Attn.: Mike Gray

Test Method: 8015M
 Prep Method: 3550/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Matrix Spike (MS / MSD)	Soil	QC Batch # 2000/10/02-03.10
Sample ID: S-1, 3.5-4		Lab Sample ID: 2000-09-0568-001
MS: 2000/10/02-03.10-004	Extracted: 10/02/2000 16:23	Analyzed: 10/05/2000 04:38 Dilution: 1.0
MSD: 2000/10/02-03.10-005	Extracted: 10/02/2000 16:23	Analyzed: 10/05/2000 05:13 Dilution: 1.0

Compound	Conc. [mg/Kg]			Exp.Conc. [mg/Kg]		Recovery [%] RPD			Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	RPD [%]	Recovery	RPD	MS	MSD
Diesel	32.2	34.5	1.58	41.6	41.4	73.6	79.5	7.7	60-130	25		
Surrogate(s)												
o-Terphenyl	18.1	20.4		20.0	20.0	90.5	102.0		60-130			

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CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-09-0568

To: **Camp Dresser & McKee**
Attn: Mike Gray

Test Method: 8015M
Prep Method: 3550/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

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Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

2001-01-0376

ALISTO ENGINEERING GROUP
CHAIN OF CUSTODY

57034

Project Information:				Report To:				Samples Submitted To:								
Project No: 10-369-15 Project Title: Groundwater Sampling Location: BART Fruitvale Station Oakland, California				Consultant: Alisto Engineering Group Address: 3732 Mt. Diablo Boulevard, Suite 270 Lafayette, CA 94549 Contact: Brady Nagle Phone: (925) 962-6970 Fax: (925) 962-6971				Laboratory: Chromalab, Inc. Address: 1220 Quarry Lane Pleasanton, CA 94566-4756 Contact: Gary Cook Phone: (925) 484-1919 Fax: (925) 484-1096								
Sampler Name: Brady Nagle (print) Sampler's Signature: <i>Brady Nagle</i>				Bill To: Consultant: Alisto Engineering Group Address: 3732 Mt. Diablo Boulevard, Suite 270 Lafayette, CA 94549				Date Results Required: Date Report Required:								
TURN AROUND TIME RUSH 24 Hour 48 Hour 5 Day Standard (10-14 days)				ANALYSIS								Report to Mike Gray & CDM				
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>				CAM 17 metals	Total Dissolved Solids (EPA 160.1)											COMMENTS
Sample ID.	Date	# Containers	Matrix												Container / Preservative	
GW-1	1/22/01		Water	X	X										Time: 1611	
GW-2	1/22/01		Water	X	X										1525	
GW-3	1/22/01		Water	X	X										1433	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	SPECIAL INSTRUCTIONS:										
<i>Brady Nagle</i>	1/22/01	1746	<i>Dennis Harrington</i>	1/22/01	1746	Samples for dissolved CMA ^{CAM} 17 metals analysis not field filtered. Please filter in the laboratory using 0.45 micron filter prior to analysis.										
Relinquished By:	Date:	Time:	Received By:	Date:	Time:											
Relinquished By:	Date:	Time:	Received By:	Date:	Time:											

FEB 01 2001

STL ChromaLab

Environmental Services (CA 1094)

Submission #: 2001-01-0376

Date: January 29, 2001

Camp Dresser & McKee
100 Pringle Street, Suite 300
Walnut Creek, CA 94596

Attn.: Mr. Mike Gray

Project: 10-369-15
Groundwater Sampling

Site: BART Fruitvale Station
Oakland, CA

Dear Mike,

Attached is our report for your samples received on Monday January 22, 2001
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after March 8, 2001
unless you have requested otherwise. We appreciate the opportunity to be of service to you.
If you have any questions, please call me at (925) 484-1919. You can also contact me via email.
My email address is: gcook@chromalab.com

Sincerely,



Gary Cook

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CA DHS ELAP#1096

Soluble CAM 17 Metals

Camp Dresser & McKee	☒ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-15	Project: Groundwater Sampling
Site: BART Fruitvale Station Oakland, CA	

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	01/22/2001	1
GW-2	Water	01/22/2001	2
GW-3	Water	01/22/2001	3

To: **Camp Dresser & McKee**

Test Method: 7470A
6010B

Attn.: Mike Gray

Prep Method: 3005A
7470A

Soluble CAM 17 Metals

Sample ID: GW-1	Lab Sample ID: 2001-01-0376-001
Project: 10-369-15 Groundwater Sampling	Received: 01/22/2001 17:46
Site: BART Fruitvale Station Oakland, CA	Extracted: 01/23/2001 10:16
Sampled: 01/22/2001	QC-Batch: 2001/01/23-03.15 2001/01/24-01.16
Matrix: Water	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Arsenic	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Barium	0.21	0.0050	mg/L	1.00	01/23/2001 17:57	
Beryllium	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Cadmium	ND	0.0020	mg/L	1.00	01/23/2001 17:57	
Chromium	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Cobalt	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Copper	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Lead	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Molybdenum	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Nickel	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Selenium	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Silver	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Thallium	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Vanadium	ND	0.0050	mg/L	1.00	01/23/2001 17:57	
Zinc	0.013	0.010	mg/L	1.00	01/23/2001 17:57	
Mercury	ND	0.00017	mg/L	1.00	01/24/2001 14:28	

To: Camp Dresser & McKee

Test Method: 7470A
6010B

Attn.: Mike Gray

Prep Method: 3005A
7470A

Soluble CAM 17 Metals

Sample ID: GW-2	Lab Sample ID: 2001-01-0376-002
Project: 10-369-15 Groundwater Sampling	Received: 01/22/2001 17:46
Site: BART Fruitvale Station Oakland, CA	Extracted: 01/23/2001 10:16
Sampled: 01/22/2001	QC-Batch: 2001/01/23-03.15 2001/01/24-01.16
Matrix: Water	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Arsenic	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Barium	0.15	0.0050	mg/L	1.00	01/23/2001 18:02	
Beryllium	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Cadmium	ND	0.0020	mg/L	1.00	01/23/2001 18:02	
Chromium	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Cobalt	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Copper	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Lead	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Molybdenum	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Nickel	0.0094	0.0050	mg/L	1.00	01/23/2001 18:02	
Selenium	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Silver	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Thallium	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Vanadium	ND	0.0050	mg/L	1.00	01/23/2001 18:02	
Zinc	0.013	0.010	mg/L	1.00	01/23/2001 18:02	
Mercury	ND	0.00017	mg/L	1.00	01/24/2001 14:29	

To: **Camp Dresser & McKee**

Test Method: 7470A
6010B

Attn.: Mike Gray

Prep Method: 3005A
7470A

Soluble CAM 17 Metals

Sample ID: GW-3	Lab Sample ID: 2001-01-0376-003
Project: 10-369-15 Groundwater Sampling	Received: 01/22/2001 17:46
Site: BART Fruitvale Station Oakland, CA	Extracted: 01/23/2001 10:16
Sampled: 01/22/2001	QC-Batch: 2001/01/23-03.15 2001/01/24-01.16
Matrix: Water	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Antimony	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Arsenic	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Barium	0.41	0.0050	mg/L	1.00	01/23/2001 18:06	
Beryllium	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Cadmium	ND	0.0020	mg/L	1.00	01/23/2001 18:06	
Chromium	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Cobalt	0.014	0.0050	mg/L	1.00	01/23/2001 18:06	
Copper	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Lead	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Molybdenum	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Nickel	0.038	0.0050	mg/L	1.00	01/23/2001 18:06	
Selenium	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Silver	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Thallium	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Vanadium	ND	0.0050	mg/L	1.00	01/23/2001 18:06	
Zinc	ND	0.010	mg/L	1.00	01/23/2001 18:06	
Mercury	ND	0.00017	mg/L	1.00	01/24/2001 14:31	

To: **Camp Dresser & McKee**
 Attn.: Mike Gray

Test Method: 6010B
 Prep Method: 3005A

Batch QC Report
 Soluble CAM 17 Metals

Method Blank	Water	QC Batch # 2001/01/23-03.15
MB: 2001/01/23-03.15-062		Date Extracted: 01/23/2001 10:16

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Antimony	ND	0.0050	mg/L	01/23/2001 15:44	
Arsenic	ND	0.0050	mg/L	01/23/2001 15:44	
Barium	ND	0.0050	mg/L	01/23/2001 15:44	
Beryllium	ND	0.0050	mg/L	01/23/2001 15:44	
Cadmium	ND	0.0020	mg/L	01/23/2001 15:44	
Chromium	ND	0.0050	mg/L	01/23/2001 15:44	
Cobalt	ND	0.0050	mg/L	01/23/2001 15:44	
Copper	ND	0.0050	mg/L	01/23/2001 15:44	
Lead	ND	0.0050	mg/L	01/23/2001 15:44	
Molybdenum	ND	0.0050	mg/L	01/23/2001 15:44	
Nickel	ND	0.0050	mg/L	01/23/2001 15:44	
Selenium	ND	0.0050	mg/L	01/23/2001 15:44	
Silver	ND	0.0050	mg/L	01/23/2001 15:44	
Thallium	ND	0.0050	mg/L	01/23/2001 15:44	
Vanadium	ND	0.0050	mg/L	01/23/2001 15:44	
Zinc	ND	0.010	mg/L	01/23/2001 15:44	

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 7470A
Prep Method: 7470A

Batch QC Report
Soluble CAM 17 Metals

Method Blank	Water	QC Batch # 2001/01/24-01.16
MB: 2001/01/24-01.16-026		Date Extracted: 01/24/2001 09:59

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Mercury	ND	0.0002	mg/L	01/24/2001 13:56	

To: Camp Dresser & McKee
Attn: Mike Gray

Test Method: 6010B
Prep Method: 3005A

Batch QC Report

Soluble CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/01/23-03.15
LCS: 2001/01/23-03.15-065	Extracted: 01/23/2001 10:16	Analyzed 01/23/2001 15:57
LCSD: 2001/01/23-03.15-066	Extracted: 01/23/2001 10:16	Analyzed 01/23/2001 16:01

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Antimony	0.519	0.521	0.500	0.500	103.8	104.2	0.4	80-120	20		
Arsenic	0.422	0.426	0.500	0.500	84.4	85.2	0.9	80-120	20		
Barium	0.500	0.502	0.500	0.500	100.0	100.4	0.4	80-120	20		
Beryllium	0.497	0.492	0.500	0.500	99.4	98.4	1.0	80-120	20		
Cadmium	0.492	0.495	0.500	0.500	98.4	99.0	0.6	80-120	20		
Chromium	0.490	0.492	0.500	0.500	98.0	98.4	0.4	80-120	20		
Cobalt	0.494	0.496	0.500	0.500	98.8	99.2	0.4	80-120	20		
Copper	0.484	0.488	0.500	0.500	96.8	97.6	0.8	80-120	20		
Lead	0.492	0.494	0.500	0.500	98.4	98.8	0.4	80-120	20		
Molybdenum	0.499	0.501	0.500	0.500	99.8	100.2	0.4	80-120	20		
Nickel	0.497	0.499	0.500	0.500	99.4	99.8	0.4	80-120	20		
Selenium	0.498	0.502	0.500	0.500	99.6	100.4	0.8	80-120	20		
Silver	0.495	0.498	0.500	0.500	99.0	99.6	0.6	80-120	20		
Thallium	0.494	0.496	0.500	0.500	98.8	99.2	0.4	80-120	20		
Vanadium	0.490	0.493	0.500	0.500	98.0	98.6	0.6	80-120	20		
Zinc	0.490	0.493	0.500	0.500	98.0	98.6	0.6	80-120	20		

To: **Camp Dresser & McKee**
Attn: Mike Gray

Test Method: 7470A
Prep Method: 7470A

Batch QC Report

Soluble CAM 17 Metals

Laboratory Control Spike (LCS/LCSD)	Water	QC Batch # 2001/01/24-01.16
LCS: 2001/01/24-01.16-027	Extracted: 01/24/2001 09:59	Analyzed 01/24/2001 13:58
LCSD: 2001/01/24-01.16-028	Extracted: 01/24/2001 09:59	Analyzed 01/24/2001 13:59

Compound	Conc. [mg/L]		Exp.Conc. [mg/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Mercury	0.0216	0.0214	0.0200	0.0200	108.0	107.0	0.9	85-115	20		

Total Dissolved Solids (TDS)

Camp Dresser & McKee	☒ 100 Pringle Street, Suite 300 Walnut Creek, CA 94596
Attn: Mike Gray	Phone: (925) 296-8030 Fax: (925) 933-4174
Project #: 10-369-15	Project: Groundwater Sampling
Site: BART Fruitvale Station Oakland, CA	

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GW-1	Water	01/22/2001	1
GW-2	Water	01/22/2001	2
GW-3	Water	01/22/2001	3

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 160.1
Prep Method: 160.1

Total Dissolved Solids (TDS)

Sample ID:	GW-1	Lab Sample ID:	2001-01-0376-001
Project:	10-369-15 Groundwater Sampling	Received:	01/22/2001 17:46
Site:	BART Fruitvale Station Oakland, CA	Extracted:	01/25/2001 10:00
Sampled:	01/22/2001	QC-Batch:	2001/01/26-01.28
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
TDS	380	10	mg/L	1.00	01/26/2001 10:00	

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 160.1
Prep Method: 160.1

Total Dissolved Solids (TDS)

Sample ID:	GW-2	Lab Sample ID:	2001-01-0376-002
Project:	10-369-15 Groundwater Sampling	Received:	01/22/2001 17:46
Site:	BART Fruitvale Station Oakland, CA	Extracted:	01/25/2001 10:00
Sampled:	01/22/2001	QC-Batch:	2001/01/26-01.28
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
TDS	280	10	mg/L	1.00	01/26/2001 10:00	

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 160.1
Prep Method: 160.1

Total Dissolved Solids (TDS)

Sample ID:	GW-3	Lab Sample ID:	2001-01-0376-003
Project:	10-369-15 Groundwater Sampling	Received:	01/22/2001 17:46
Site:	BART Fruitvale Station Oakland, CA	Extracted:	01/25/2001 10:00
Sampled:	01/22/2001	QC-Batch:	2001/01/26-01.28
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
TDS	630	10	mg/L	1.00	01/26/2001 10:00	

To: **Camp Dresser & McKee**
Attn.: Mike Gray

Test Method: 160.1
Prep Method: 160.1

Batch QC Report
Total Dissolved Solids (TDS)

Method Blank	Water	QC Batch # 2001/01/26-01.28
MB: 2001/01/26-01.28-001		Date Extracted: 01/25/2001 10:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
TDS	ND	10	mg/L	01/26/2001 10:00	

To: **Camp Dresser & McKee**
Attn: Mike Gray

Test Method: 160.1
Prep Method: 160.1

Batch QC Report

Total Dissolved Solids (TDS)

Laboratory Control Spike (LCS/LCSD)		Water		QC Batch # 2001/01/26-01.28	
LCS:	2001/01/26-01.28-002	Extracted:	01/25/2001 10:00	Analyzed	01/26/2001 10:00
LCSD:	2001/01/26-01.28-003	Extracted:	01/25/2001 10:00	Analyzed	01/26/2001 10:00

Compound	Conc. [mg/L]		Exp. Conc. [mg/L]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
TDS	921	1010	1000	1000	92.1	101.0	9.2	80-120	20		