

SEMI-ANNUAL O&M REPORT REMEDIAL WORK ELEMENTS I, II AND IV REPORTING PERIOD JANUARY 24 THROUGH JUNE 20, 2006

Malta Rocket Fuel Area Site Malta, New York

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Submitted to:

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Shaw Environmental, Inc. 13 British American Boulevard Latham, New York 12110 CERTIFICATION: This document has been reviewed and is prepared in accordance with the contract documents.

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1.0 INTRODUCTION

This operations and maintenance (O&M) report documents ongoing O&M activities conducted at the Malta Rocket Fuel Area (MRFA) Site, in the Town of Malta, New York. This report has been prepared in accordance with the following documents:

- <u>Operation and Maintenance Manual, Remedial Work Element I, Drinking Water, dated</u> <u>March 31, 1998 and prepared by ERM - Northeast, Inc.</u>
- <u>Operation and Maintenance Manual, Remedial Work Element I, Drinking Water, dated</u> <u>January 15, 2002, and prepared by IT Corporation, Inc., currently Shaw</u> <u>Environmental, Inc. (Shaw).</u>
- Operations and Maintenance Manual, Remedial Work Element II, Groundwater, dated January 22, 1998 and prepared by ERM Northeast, Inc., and Addendum No. 1, January 31, 2005.
- <u>Operation and Maintenance Manual, Remedial Work Element IV, Institutional</u> <u>Controls, dated September 9, 1999, revised September 27, 1999, prepared by IT</u> <u>Corporation, Inc., currently Shaw.</u>

This report covers all site activities performed at the Site, as required in each of the previously referenced documents, for the period from January 24, 2006 through June 20, 2006.

According to the provisions of the <u>Operation and Maintenance Manual, Remedial Work Element</u> <u>I, Drinking Water, IT Corporation, Inc., January 15, 2002</u>, six regularly scheduled monthly site visits were performed to inspect the groundwater treatment system (system) operation, record system operating conditions, and to determine system treatment effectiveness. The site visits took place on January 24, February 27, March 21, April 25, May 23, and June 20, 2006.

The groundwater treatment system is comprised of a packed tower air stripper. System influent and effluent samples were collected during the February 27 and May 23, 2006 site visits to document adherence to the treatment system discharge objectives. Analytical results from these sample events, including validated analytical results and chain of custody forms, are provided in **Appendices A** and **B**. The validation summary is included in **Appendix C**.

During the reporting period, recovery wells RW-1D and RW-2D operated at daily average flow rates of approximately 0.507 and 0.841 gallons per minute (gpm), respectively, yielding an average daily combined flow of approximately 1.348 gpm. As a result of the limited use of the test station, these flows are less than those historically recorded.

Review of the analytical results for influent and effluent treatment system samples collected in February and May 2006 confirm that during the reporting period, the system effluent water quality was below the chemical specific effluent requirements presented in the O&M manual. Air stripper blower pressure readings, as well as the effluent water quality data, demonstrate that the air stripper packing material is not in need of cleaning or replacement. Additional discussions regarding air stripper flow, air stripper blower pressure readings and water quality sampling are presented below.

2.1 Remote Telemetry/Programmable Logic Controller

To ensure that the system operates continuously, system operating parameters are visually monitored during each of the monthly site visits and on a continual basis by a Remote Telemetry Unit (RTU). During the reporting period, the RTU notified key project personnel of alarm conditions via facsimile and voice messaging. The alarm conditions that were received by the RTU that were not activated on site during system O&M activities were identified as AC power failures. The AC power failure alarm conditions were apparently caused by short duration power failures which are typical at the MRFA Site. The power failures result in brief interruptions in

the delivery of electrical power to the system and are not known to cause significant disruption to the performance of the treatment system. The alarm conditions identified by the RTU during the reporting period confirmed the proper operation of the system and the RTU's effectiveness in notifying project personnel of alarm conditions.

2.2 Visual System Inspection

Visual inspections were made of all accessible system components during monthly site visits in accordance with attached **Table 1**, **Maintenance Checklist**. Inspections were performed to check for signs of component wear, process piping leaks and each of the general maintenance requirements. **Table 2, Equipment Log, Air Stripper Maintenance** includes a summary of observations made during visual inspections.

Maintenance activities included regular inspection of the air stripper blower intake for obstructions, inspection of all process valves and piping to prevent leakage of untreated groundwater, and inspection of the air stripper sight tube for sediment buildup. In addition, the operation of the transfer sump pump and associated high level float was checked. The settling tank interior was also visually inspected for signs of sediment buildup or corrosion and the reservoir level was checked during each monthly visit.

The system was found to be in good working order during the reporting period.

2.2.1 Recovery Well Pump Inspection

Recovery well pumps were inspected during the May 23, 2006 site visit. Shaw personnel utilized confined space entry procedures to enter well vaults RW-1D and RW-2D and disconnect water supply piping. All system piping and electrical power supplies were locked and tagged out during maintenance and inspection activities. The pumps and associated down well pipe from each well casing were removed by hand. Pumps and discharge piping were inspected for corrosion, loose or damaged parts and other signs of wear or damage that would indicate a potential for pump failure.

The pump in RW-1D was encased in a four-inch polyvinyl chloride (PVC) section of slotted well screen. After removal of this protective screen, the pump was inspected and determined to be free of defects. A light coating of mineral scale had accumulated on the pump motor, likely the result of moderate heating during pump operation. There was no accumulation of material surrounding the actual pump intake screen. The pump was subsequently wiped down, the protective casing re-installed, and the pump re-positioned in the well without modification to the

piping. Following installation, the pump was restarted and the piping was inspected for leaks in the well vault. Leaks within the vault were not observed.

The recovery pump in RW-2D was also removed and inspected in the same manner as the RW-1D pump. This pump does not have a protective casing installed on the pump body. A light accumulation of biological growth was observed on the pump intake. Water and a cloth were used to wipe the growth off the intake. No other problems were observed with the pump and it was subsequently re-installed without incident. Following re-installation, the pump was restarted and associated piping was inspected for leaks in the well vault. Leaks within the vault were not observed.

2.2.2 100,000 Gallon Reservoir Inspection

The annual inspection of the 100,000 gallon reservoir was performed on May 23, 2006. One centrifugal pump was utilized to reduce the level of water in the reservoir to allow Shaw personnel access to the interior. A dedicated suction hose was utilized to avoid possible contamination of the water supply. The reservoir level was reduced by approximately five feet before Shaw personnel entered the interior of the structure. All confined space entry procedures, including air monitoring and the use of retrieval equipment, were followed for the duration of the inspection.

The visual inspection of the reservoir did not reveal any problems. A hand held spotlight was used to assist personnel in the inspection of the interior reservoir walls. There were no signs of cracks in the concrete or any type of buildup or growth from biological activity. The standpipe was observed to be in good condition.

2.2.3 Air Stripper Tower Inspection

Shaw utilized a boom lift bucket truck to access the top section of the air stripper tower on May 25, 2006. The protective cover was removed to allow access to the tower demister and spray nozzle. The demister pad was in good condition with no buildup of any material or precipitate. The spray nozzle was in good condition and did not require cleaning beyond a wipe down. The air stripper tower packing was inspected at the top of the column and determined to be in good condition. Packing was discolored, but no evidence of precipitate accumulation or clogging was observed.

2.3 Operating Measurements

2.3.1 Water Flow Measurements

Water flow measurements for wells RW-1D and RW-2D collected during monthly site visits are presented in **Table 3**, **Process Operating Report**. The totalizer readings collected at the Site demonstrate average recovery well water flow rates for the period of January 24, 2006 to June 20, 2006 are as follows:

 Well RW-1D:
 0.5069 gpm

 Well RW-2D:
 0.8414 gpm

 System Avg:
 1.3484 gpm

Average daily water flow data as recorded by the on-site data logger are provided in **Appendix D**. Information obtained from the data logger indicates an average daily water flow rate of 1.3484 gpm for the reporting period. The average water flow rate calculated from field observations (1.3484) is the same to the average daily water flow rate calculated from the data logger (1.348), confirming the data logger's accuracy and usefulness in verifying field observations.

The average daily water flow rates observed during the reporting period were less than those observed during the last reporting period and can be attributed to the limited use of the test station water supply by the current property owner and in part to the fact that New York State Energy Research and Development Authority (NYSERDA) was disconnected from the test station water supply and connected to Saratoga Water Services in November 2005.

2.3.2 Blower Air Pressure

Measurements of the air stripper blower back pressure were recorded on a weekly basis via RTU monitoring and during monthly O&M site visits. Readings collected during monthly O&M site visits from the pressure gauge installed to monitor the air stripper back pressure are provided in **Table 3**. Pressure readings ranged from 2.80 to 3.60 inches of water column during the current period. The pressure readings were well within the acceptable range of readings that are specified in the *Operation and Maintenance Manual, Remedial Work Element I, Drinking Water, IT Corporation, Inc., January 15, 2002*. Pressure readings will continue to be monitored in the future to ensure proper system performance.

2.4 Water Quality Data

2.4.1 Sample Collection

Samples of the drinking water system influent and effluent were collected on February 27 and May 23, 2006 and analyzed by Columbia Analytical Laboratories, Inc., of Rochester, New York. Influent and effluent samples were analyzed for volatile organic compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method Contract Laboratory Program (CLP) OLC-02, modified to include hexachlorobutadiene, 1,2,3-trichlorobenzene and trichlorofluoromethane as summarized in **Table 4**.

The validated analytical results and chain of custody forms for the February 27 and May 23, 2006 samples are provided in **Appendices A** and **B**. All validation was performed by Data Validation Services, Inc. of North Creek, New York. Validation reports are included in **Appendix C**.

2.4.2 VOC Analytical Results

The drinking water system effluent sampling results for carbon tetrachloride during the February event was an estimated concentration of $0.6 \,\mu g/l$ and $0.4 \,\mu g/l$ for the May event. TCE was detected at an estimated concentration of $0.6 \,\mu g/l$ within the effluent sample collected during the February monitoring event and $0.3 \,\mu g/l$ during the May event. The results for the February event qualified as estimated value by the laboratory because the observed concentration was less than the method reporting limit. The influent concentrations for TCE and carbon tetrachloride observed during this reporting period were similar to the influent concentrations for these compounds observed during the previous reporting period. The drinking water system influent and effluent sample results for TCE and carbon tetrachloride are summarized in the table below.

Analyte	Date Sampled	Influent (µg/l)	Effluent (µg/l)	Performance Standard (µg/l)
Carbon	February 27, 2006	41	0.6 J	5
Tetrachloride	May 23, 2006	38	0.4 J	5
TCE	February 27, 2006	26	0.6 J	5
	May 23, 2006	23	0.3 J	5

The air stripper influent chloroform concentrations are similar to the chloroform air stripper influent concentrations observed during the previous reporting period. Chloroform was detected at a concentration of 4.0 μ g/l in both the February 27, 2006 and May 23, 2006 air stripper influent samples. Chloroform was detected at an estimated concentration of 0.2 μ g/l in the air stripper effluent samples collected on February 27, 2006 and not detected in the May 23, 2006 effluent sample. The drinking water system influent and effluent sample results for chloroform are summarized below.

Analyte	Date Sampled	Influent (µg/l)	Effluent (µg/l)	Criteria (µg/l)		
Chloroform	February 27, 2006	4.0	0.2 J	70		
	May 23, 2006	4.0	ND	70		

Note: ND = not detected

Based upon analytical data collected during this reporting period, the drinking water system's removal efficiency was greater than 98 percent for all volatile organic analytes.

3.1 Sample Collection

Modifications to the EWMS monitoring program have been specified in <u>Addendum No. 1</u>, <u>Operations and Maintenance Manual, Remedial Work Element II- Groundwater, Malta Rocket</u> <u>Fuel Area Site, General Electric Company, January 31, 2005</u> (Addendum No. 1). In accordance with the <u>Operations and Maintenance Manual for Remedial Work Element II - Ground Water,</u> <u>ERM Northeast, Inc., January 22, 1998</u>, (O&M-GW) and Addendum No. 1, unfiltered groundwater samples were collected on May 23 and 24, 2006 from the Early Warning Monitoring System (EWMS). In accordance with the <u>Five-Year Review Report, Malta Rocket</u> <u>Fuel Area Superfund site, United States Environmental Protection Agency (EPA), September 24,</u> <u>2004</u> (Five Year Review Report) including a table titled <u>"Proposed Modifications to</u> <u>Groundwater and Surface Water Sampling Regimes at the Malta Rocket Fuel Area Site</u>" and a letter from GE to the USEPA dated October 26, 2004, EWMS samples were collected from monitoring wells DGC-3S, DGC-4S, 4D, 11D, 13D, 14D, M-24D, M-25D, M-27D, M-29D, M-33S, and M-33I (Figure 1). Blind duplicate samples were collected from well 27D for chromium and hexavalent chromium and from well 24D for volatile organic compounds. Trip blanks were also analyzed.

Samples from all designated monitoring well sampling locations were analyzed for volatile organic compounds (VOCs) by USEPA Method OLC-02.1 by Columbia Analytical Services, Inc. in Rochester, New York except for samples from well 13D. Samples from well 13D were analyzed for unfiltered total matrix chromium following CLP procedures and unfiltered hexavalent chromium by SW-846 Method 7196 (*Test Methods for Evaluating Solid Waste*, 3rd Edition, November 1986). Samples from monitoring well M-27D were analyzed for VOCs, unfiltered total matrix chromium following CLP procedures and unfiltered hexavalent chromium.

Results of the May 2006 semi-annual EWMS sampling event are summarized in **Table 5**. The laboratory reports are presented in **Appendix B**. The data validation report is included in **Appendix C**. A summary of analytical results from 1987 through this reporting period for samples collected at locations currently included in the EWMS sampling program is provided in **Tables 6**, **7**, and **8**.

In accordance with the O&M-GW, time vs. concentration plots for carbon tetrachloride at monitoring well M-27D are included as **Figure 2. Figures 3, 4** and **5** include comparisons of simulated versus observed concentrations of carbon tetrachloride at monitoring well M-27D, TCE at monitoring well M-33S and TCE at monitoring well M-33I, respectively.

3.2 Chromium Analytical Results

Results of the unfiltered total chromium analyses collected at wells 13D and M-27D show concentrations of 11.0 μ g/l and 2.7 μ g/l, respectively. Both analytical results were below the New York State Ground Water Standard (NYSGWS) of 50 μ g/l.

Analytical results showed no detectable concentrations of hexavalent chromium at the detection limit of 10 μ g/l for both groundwater samples. The NYSGWS for hexavalent chromium is 50 μ g/l.

3.3 VOC Analytical Results

Carbon tetrachloride was detected in monitoring wells M-24D, M-25D, M-27D M-29D and 11D at concentrations of 11 μ g/l, 76 μ g/l (result from dilution), 22 μ g/l, 39 μ g/l (result from dilution) and 15 μ g/l, respectively. All other monitoring well sample locations were non-detect for carbon tetrachloride during the reporting period. The time vs. concentration plot for carbon tetrachloride in well M-27D is presented in **Figure 2**.

Chloroform was detected in wells M-25D, M-27D M-29D and 11D at concentrations of 8.0 μ g/l (result from dilution), 2 μ g/l, 5.0 μ g/l (result from dilution) and 4 μ g/l, respectively. With the exception of an estimated detection of 0.5 μ g/l at monitoring well M-24D, chloroform was not detected in any of the other samples collected during this reporting period.

TCE was detected in monitoring wells in M-25D, M-27D and M-29D at concentrations of 28 μ g/l (result from dilution), 16 μ g/l, and 14 μ g/l (result from dilution) respectively. TCE was also detected in monitoring well 11D at estimated concentrations of 1.0 μ g/l. Trichlorofluoromethane was detected in monitoring well M-27D at an estimated concentration of 1.0 μ g/l. TCE and trichlorofluoromethane were not detected at the remainder of the monitoring well locations during this reporting period.

3.4 Comparison of Observed VOC Concentrations to Simulation Results

Carbon tetrachloride and TCE concentrations detected during this monitoring period were compared to the results from the contaminant fate and transport modeling reported in Appendix A of the O&M-GW. The comparison was performed for carbon tetrachloride in monitoring well M-27D (**Figure 3**). As shown in **Figure 3**, the simulated carbon tetrachloride results are much higher than the observed concentrations. A comparison was also performed for TCE in monitoring well M-33S (**Figure 4**) and M-33I (**Figure 5**). As predicted by the simulations, there were no observed concentrations of TCE in monitoring wells M-33S and M-33I.

O&M activities for remedial Work Element IV, Institutional Controls, are conducted on an annual basis. Shaw conducts semi-annual visual inspections of the environmental restriction zone during the groundwater sampling activities and annual environmental easement restriction interviews with property owner representatives during the October semi-annual reporting period with the exception of visual inspections of the environmental restriction zone, no institutional control activities were conducted during this reporting period. These activities will be conducted and reported during the next reporting period.

5.0 SUMMARY

5.1 Drinking Water

The drinking water treatment system is operating effectively. The treatment equipment will continue to be monitored as necessary to ensure the continued operation of all components and to maintain a reliable source of water for the Test Station. All of the effluent samples collected for performance monitoring and analyzed during the current period revealed concentrations below project discharge objectives.

5.2 EWMS

Based on the review of the analytical results from water samples collected during this reporting period, groundwater from the MRFA Site is not impacting the Luther Forest well field or the water supply wells located to the north of the Site. The analytical results from this reporting period are summarized as follows:

- Total chromium was detected at monitoring wells 13D and M-27D. Chromium detections collected from these two monitoring wells were below the NYSGWS of 50 μ g/l.
- Hexavalent chromium was not detected at the any of the monitoring well locations.
- Carbon tetrachloride was detected in monitoring wells M-24D, M-25D, M-27D M-29D and 11D at concentrations of 11 μ g/l, 76 μ g/l (result from dilution), 22 μ g/l, 39 μ g/l (result from dilution) and 15 μ g/l, respectively. The NYSGWS fro carbon tetrachloride is 5 μ g/l. All other water sample locations were non-detect for carbon tetrachloride during the reporting period.
- Chloroform was not detected at any of the wells with the exception of detections at wells M-25D, M-29D, M-27D and M-11D at concentrations of 8 μ g/l (result from dilution) and 5 μ g/l (result from dilution), 2 μ g/l and 4 μ g/l, respectively, and an estimated concentration of 0.5 μ g/l at monitoring well M-24D. The NYSGWS for chloroform is 7 μ g/l.
- TCE was not detected at any of the wells or surface water locations, with the exception of wells M-25D, M-27D and M-29D at concentrations of 28 μ g/l (result from dilution), 16 μ g/l, and 14 μ g/l (result from dilution) respectively, and monitoring well 11D at estimated concentrations of 1.0 μ g/l. Trichlorofluoromethane was not detected at any of the wells or surface water locations with the exception of well M-27D with an estimated concentration of 1 μ g/l. The NYSGWS for both TCE and trichlorofluoromethane is 5 μ g/l.

• As shown in **Figures 3, 4** and **5**, simulated concentrations of carbon tetrachloride and TCE are much higher than the observed concentrations.

TABLES

TABLE 1MAINTENANCE CHECKLISTOPERATION AND MAINTENANCE PLANTEST STATION WATER SUPPLY AND TREATMENT SYSTEMMALTA ROCKET FUEL AREA SITE

Equipment Name	Item	Action	Frequency	Comments
Well Pump 1D	Pump bowls	Check for signs of iron fouling & impeller wear	Annually	More frequently as problems occur
Well Pump 2D	Pump bowls	Check for signs of iron fouling & impeller wear	Annually	More frequently as problems occur
Control Valves	Miscellaneous	Inspect for leaks	Monthly	Exercise valves annually
Air Stripper Sight Tube		Inspect for siltation and biofouling	Monthly	Adjust frequency depending on operating experience
Air Stripper Spray Nozzle		Inspect for fouling	Annually	No required routine maintenance
Air Stripper Blower	Intake	Inspect and clean	Monthly	Adjust frequency depending on operating experience
Air Stripper Blower	Motor & bearings	Check and lubricate	Annually	More frequently as problems occur
Air Stripper Unit	Packing	Clean or replace	Every 5 years	Adjust frequency depending on operating experience

TABLE 1MAINTENANCE CHECKLISTOPERATION AND MAINTENANCE PLANTEST STATION WATER SUPPLY AND TREATMENT SYSTEMMALTA ROCKET FUEL AREA SITE

Equipment Name	ltem	Action	Frequency	Comments
Mist Eliminator	Mesh screen	Clean or replace	Annually	Adjust frequency depending on operating experience
Settling Tank		Inspect for siltation	Monthly	Adjust frequency depending on operating experience
Settling Tank High Level Float Switch		Check operation	Monthly	Replace float switch every 5 years
100K Gallon Reservoir		Inspect for siltation, debris, etc.	Annually	Adjust frequency depending on operating experience
Level Sensor	Probe	Manually check start-up/shutdown. Check probe float for free range of motion. Remove and inspect for buildup of minerals if resistance is detected.	Monthly	Adjust frequency depending on operating experience
Misc. Guys, Hardware etc.		Inspect	Annually	Adjust frequency depending on operating experience
System Interlocks	Settling Tank High Level	Check for proper operation. System should alarm after pre-set delay period.	Monthly	Adjust frequency depending on operating experience
	Blower Low Pressure			
	Blower Low Amps			
	Building Low Temperature			

TABLE 2 EQUIPMENT LOG, AIR STRIPPER MAINTENANCE MALTA ROCKET FUEL AREA SITE

Date	Operator	Operational Status of System	Work Performed
1/24/06	John Skaarup	Arrival – OK	Monthly O&M visit with coliform sampling. System
		Departure – Not OK	Interlock testing performed – RW-2D hot OK.
1/25/06	John Skaarup &	Arrival - Not OK	Install banjo strainer and associated piping in the RW-
	Anthony Perretta	Departure - OK	2D line. All ok upon departure.
2/27/06	Marc Flanagan	ОК	Monthly O&M visit with coliform sampling and system performance samples collected. System interlock testing performed – all OK.
3/21/06	Marc Flanagan	OK	Monthly O&M visit. System interlock testing performed – all OK.
4/25/06	Brian Neumann	OK	Monthly O&M visit. System interlock testing performed – adjusted flow rate in RW-2D. All OK.
5/23/06	Marc Flanagan	ОК	Monthly O&M visit with performance sampling. System interlock testing performed – all OK.
5/25/06	Marc Flanagan & Robert Hyde	OK	Check air stripper tower. Media and all air stripper components are all OK.
6/20/06	Marc Flanagan	ОК	Monthly O&M visit. System interlock testing performed – all OK.

TABLE 3 PROCESS OPERATING REPORT WATER TREATMENT SYSTEM MALTA ROCKET FUEL AREA SITE

1	2	3			4	5
DATE	TIME	STANDPIPE	LEVEL	SAMPLES	AIR	PROBLEMS OR COMMENTS
		LEVEL	PROBE	TAKEN ?	BLOWER	
		(FT)	OK ?		PRESSURE	
					OK?	
1/24/2006	11:50	12.75	Yes	No	Yes-3.40	Monthly visit with coliform sampling at NYSERDA Bldg.
						Monthly visit with coliform sampling at NYSERDA Bldg.
2/27/2006	13:52	12 - 13	Yes	Yes	Yes-3.60	and system samples.
3/21/2006	9:40	12.75	Yes	No	Yes-3.10	Monthly O&M visit.
4/25/2006	13:15	12.75	Yes	No	Yes-3.10	Monthly O&M visit.
5/23/2006	7:05	12.75	Yes	Yes	Yes-3.20	Monthly O&M visit and system sample collection.
6/20/2006	8:45	12.75	Yes	No	Yes-2.80	Monthly O&M visit.

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TABLE 3 PROCESS OPERATING REPORT WATER TREATMENT SYSTEM MALTA ROCKET FUEL AREA SITE

1	2	3					4	4				5
DATE	TIME		WATER FI	LOWLINE 1	D			WAT	ER FLOWLI	NE 2D		PROBLEMS OR COMMENTS
		1D LINE	1D LINE	ELAPSED	TOTAL	AVG FLOW	2D LINE	2D LINE	ELAPSED	TOTAL	AVG FLOW	
		FLOW	TOTALIZER	TIME	FLOW	THIS	FLOW	TOTALIZER	TIME	FLOW	THIS	
		METER	RDG(GAL)	(DAYS)	THIS	PERIOD	METER	RDG(GAL)	(DAYS)	THIS	PERIOD	
		RDG(GPM)			PERIOD	(GPM)	RDG(GPM)			PERIOD	(GPM)	
				 	(GAL)					(GAL)		
												Recorded in previous report, replicated here
12/22/2005	9:25	5.4	4,371,700	23	NA	NA	6.2	5,440,600	23	NA	NA	for calculation purposes.
1/24/2006	11.50	NR	NIR	33	NR	NR	NR	NR	22	NR	NIR	System modifications completed during this
1/24/2000	11.50			55	1111			INK		1111		
2/27/2006	13:52	6.0	4,434,000	67	62,300	0.65	6.0	5,520,400	67	79 <i>,</i> 800	0.83	
3/21/2006	9:40	4.0	4,443,000	22	9,000	0.28	8.0	5,550,200	22	29,800	0.94	
4/25/2006	13:15	5.0	4,464,900	35	21,900	0.43	8.0	5,584,100	35	33,900	0.67	
5/23/2006	7:05	5.0	4,487,900	28	23,000	0.57	6.0	5,612,000	28	27,900	0.69	
6/20/2006	8:45	3.0	4,503,100	28	15,200	0.38	6.0	5,658,700	28	46,700	1.16	
Summarv				180	131,400	0.5069			180	218,100	0.8414	

NR = Not Recorded

NA = Not Applicable

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TABLE 4SUMMARY OF DRINKING WATER SAMPLING PROGRAM, PRESERVATIVES, HOLDING TIMES AND CONTAINERSMALTA ROCKET FUEL AREA SITE

Sample	Sampling Frequency	Sample Matrix	Analytical Parameters	Analytical Method Reference ¹	Sample Preservation	Holding Times ²	Containers
Influent	1 per quarter	Water	CLP OLC VOCs	USEPA CLP OLCO2	Hcl, Cool, <4°C	14 days	3 - 40 ml glass vials with teflon septa and plastic screw caps
Effluent	1 per quarter	Water	CLP OLC VOCs	USEPA CLP OLCO2	Hcl, Cool, <4⁰C	14 days	3 - 40 ml glass vials with teflon septa and plastic screw caps

Notes:

- 1. USEPA CLP OLCO2 analysis modified to include hexachlorobutadiene, 1,2,3 trichlorobenzene and trichlorofluoromethane to match the EWMS ground water analyses.
- 2. Holding times begin at the time of sample collection.

TABLE 5 MAY 2006 WATER QUALITY ANALYTICAL RESULTS SEMI-ANNUAL SAMPLING

	Remedial Action		DUP C	M-27D		DUP B								
Compound	Objective	M-27D	(27D)	(MS/MSD)	M-24D	(24D)	MW-11D	M-29D	4D	14D	DGC-35	DGS-35	M-33I	M-33S
Acetone	50	5 J	NA	5 U	5 J	5 J	5 J	5 J	5 J	5 J	5 J	5 J	5 J	5 J
Carbon Disulfide	None*	10	NA	1 U	1 U	IU	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	22	NA	25	11	11	15	39	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	2.0	NA	8	0.5 J	0.5 J	4	5	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5	5 J	NA	5 U	5 J	5 J	5 J	5 J	2 J	2 J	5 J	5 J	5 J	5 J
Trichloroethene	5	16	NA	21	1 U	1 U	1 J	14	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5*	1 J	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chromium	50*	2.7	2.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	50*	10 U	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Field Parameters

 7.98			6.82		5.83	6.47	8.13	8.04	5.67	7.96	9.71	7.85
 8.96			9.67		9.61	9.83	8.55	8.52	7.63	10.06	9.32	9.10
 203					268	300	197	180	42	296	95	103
 7.84			11.24		8.95	9.97	0.67	11.12	7.11	1.99	7.95	8.48
 0.6			0		10.90	0	22.70	22.10	50.60	27.40	2.50	0
 37.30			31.69		28.82	45.08	38.25	42.30	12.20	6.95	29.70	12.73
 266.97			288.88		301.73	289.58	289.30	299.07	193.60	198.85	273.99	291.54
	7.98 8.96 203 7.84 0.6 37.30 266.97	7.98 8.96 203 7.84 0.6 37.30 266.97	7.98 8.96 203 7.84 0.6 37.30 266.97	7.98 6.82 8.96 9.67 203 9.67 7.84 11.24 0.6 0 0 37.30 31.69 266.97 288.88	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$

Notes:

1. All analytical concentrations are in $\mu g/1$ (micrograms per liter (ppb)).

2. Only compounds detected at one or more sampling points are listed.

3. NA - not analyzed for.

4. U - analyte was not detected, and value shown is the detection limit.

5. J - estimated value due to data validation requirements or concentration less than CRQL (organics only).

6. B - The reported value is less than the CRDL but greater than the IDL (inorganics only).

* Based on NYSDEC Final Combined Regulatory Impact and Environmental Impact Statement (Title 6, Chapter X, Parts 700-706, 1998), identified for comparison purposes only.

7. DL - Indentifies all compounds analyzed at a secondary dilution factor.

8. NM - Not measured due to equipment malfunction.

9. MS/MSD - Matrix spike/matrix spike duplicate.

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TABLE 5 MAY 2006 WATER QUALITY ANALYTICAL RESULTS SEMI-ANNUAL SAMPLING

Remedial Action

Trip

Compound	Objective	M-25D (DL)	M-13D	Blank
Acetone	50	49 J	NA	4 J
Carbon Disulfide	None*	5 U	NA	1 U
Carbon Tetrachloride	5	76	NA	1 U
Chloroform	7	8	NA	4 U
2-Butanone	5	25	NA	5 UJ
Trichloroethene	5	28	NA	1 U
Trichlorofluoromethane	50*	5 U	NA	1 U
Chromium	50*	NA	11	NA
Hexavalent Chromium	50*	NA	10 U	NA

Field Parameters			
pH	 6.38	8.17	
Temperature (celsius)	 9.31	9.38	
Conductivity (umhos/cm)	 266	196	
Dissolved Oxygen	 5.07	1.25	
Turbidity (NTUs)	 0.6	18.6	
Depth To Water (feet)	 29.42	35.7	
Ground Water Elevation (feet)	 285.04	293.57	

Notes:

1. All analytical concentrations are in µg/l (micrograms per liter (ppb)).

2. Only compounds detected at one or more sampling points are listed.

3. NA - not analyzed for.

4. U - analyte was not detected, and value shown is the detection limit.

5. J - estimated value due to data validation requirements or concentration less than CRQL (organics only).

6. B - The reported value is less than the CRDL but greater than the IDL (inorganics only).

* Based on NYSDEC Final Combined Regulatory Impact and Environmental Impact Statement (Title 6, Chapter X, Parts 700-706, 1998), identified for comparison purposes only.

7. DL - Indentifies all compounds analyzed at a secondary dilution factor.

8. NM - Not measured due to equipment malfunction.

9. MS/MSD - Matrix spike/matrix spike duplicate.

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	Remedial											
Wells / Compounds	Action	6/29-			1/19-	4/18-	7/20-	10/11-	1/19-			
DGC-3S	Objective	7/1/1987	7/31/87	11/5/87	1/20/1988	4/19/1988	7/21/1988	10/12/88	1/20/89	4/10/89	7/12/89	8/15/1989
Benzene	0.7*	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	None*	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Aluminum	100*	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25*	NA	NA	NA	NA	<0.005 mg/L	NA	NA	NA	NA	NA	NA
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	50*	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
DGC-4S			,									·
Carbon Disulfide	None*											
Chromium	50*											
135								-				
Benzene	0.7*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	None*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Units are µg/l (ppb) unless otherwise stated.

Only detected compounds are listed.

NA = Not analyzed.

ND = Not detected.

NS = Not sampled.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

dp = Duplicate sample.

E = Estimated concentration: due to interference.

D = Concentration determined from a sample dilution.

J = Estimated concentration.

V = Estimated concentration: due to variance to quality control limits.

- - = Not sampled: well installed in December, 1990.

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** = Filtered Sample.

See RI report for additional data.

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	Remedial											
Wells / Compounds	Action					4/8-	6/12-	9/23-	12/26-	2/10-	6/1-	9/28-
DGC-3S	Objective	11/30/1989	5/30/90	8/28/90	12/6/90	4/10/1991	6/13/1991	9/24/1991	12/27/91	2/11/92	6/2/1992	9/29/1992
Benzene	0.7*	ND	ND	ND	ND	ND	ND	0.2 J	ND	ND/NDdp	ND	ND
Carbon Disulfide	None*	ND	ND	ND	NA	8 V / 7 Vdp	4	ND	ND	ND/NDdp	ND	ND
Aluminum	100*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	NA	NA	NA	NA	NA	NA	6.1	62.2E/70.3Edp	16.2/ND*, 14.6/ND*dp	25.2/ND*	ND
Hexavalent Chromium	50*	no data	NA	NA	NA	NA	NA	NA	NA	ND/4*/ND dp	NA	NA
DGC-4S			,									
Carbon Disulfide	None*					ND/0.5Vdp	ND	ND	ND	ND	ND	ND/ND dp
Chromium	50*					NA	NA	15.9	11.9 E	ND/ND*	ND/ND*	ND/ND dp
138												
Benzene	0.7*	NA	NA	NA	NA	2	0.7/0.6 Jdp	1	ND	ND	ND	ND
Carbon Disulfide	None*	NA	NA	NA	NA	60 D	0.6	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	NA	18/16 dp	6.4	4.4	8	24 J/24 Jdp	8	12	9	6 J	9
Chloroform	7	NA	ND	ND	ND	ND	0.8/0.9 Jdp	ND	0.4 J	0.3 J	ND	ND
Trichloroethene	5	NA	ND	ND	ND	ND	ND	0.4 J	0.9	0.6	ND	0.6
Trichlorofluoromethane	5*	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
Chromium	50*	NA	NA	NA	NA	336 V	NA	269/261**	316 E/562 E**	282/498**	504/512**	179/172**
Hexavalent Chromium	50*	NA	NA	NA	NA	NA	NA	280	486/302**	260/310**	NA	287

Notes:

Units are µg/l (ppb) unless otherwise stated.

Only detected compounds are listed.

NA = Not analyzed.

ND = Not detected.

NS = Not sampled.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

dp = Duplicate sample.

E = Estimated concentration: due to interference.

D = Concentration determined from a sample dilution.

J = Estimated concentration.

V = Estimated concentration: due to variance to quality control limits.

- - = Not sampled: well installed in December, 1990.

* Based on NYSDEC Final Combined Regulatory Impact and Environmental

Impact Statement (Title 6, Chapter X, Parts 700-706, 1998), identified

for comparison purposes only.

** = Filtered Sample.

See RI report for additional data.

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	Remedial											
Wells / Compounds	Action	11/18-	3/17-	5/25-	8/24-	11/8-	2/22-	5/18-	8/24-	11/15-		
DGC-3S	Objective	11/19/1992	3/18/1993	5/26/1993	8/25/1993	11/9/1993	2/23/1994	5/19/1994	8/25/1994	11/16/1994	5/23/1995	10/17/1995
Benzene	0.7*	ND	ND	ND	ND	ND	ND	ND V	ND	ND	ND	ND
Carbon Disulfide	None*	ND	ND	ND	0.8	ND	ND	ND V	ND	ND	ND	ND
Aluminum	100*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	33.6/ND*	18.5	4.3 B	4.7B	19.4	23.9	4.5 B	9.9 B	11.1	NA	NA
Hexavalent Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DGC-4S				1		1				1		
Carbon Disulfide	None*	4 V	ND	031	0.21	ND	nin		ND	ND	ND	ND
Chromium	50*	8.6 B	48.1/ND*	ND	3.3B	ND	31.2/ND*	ND/ND dp	5.6 B	ND	NA	NA
13\$												
Benzene	0.7*	0.4 JV	ND	ND	ND	ND	ND/ND dp	ND	ND	ND	NA	NA
Carbon Disulfide	None*	ND	ND	ND	ND	ND	ND/ND dp	ND	ND	ND	NA	NA
Carbon Tetrachloride	5	16 V	15	10	17	18	20/9 dp	9	9	9	NA	NA
Chloroform	7	0.6 V	0.6	0.4 J	0.6	0.7	ND/ND dp	0.4 J	0.3 J	ND	NA	NA
Trichloroethene	5	I V	2	0.6	ND	2	2/1 dp	0.8	1	0.9	NA	NA
Trichlorofluoromethane	5*	0.9 V	2	0.5	ND	2	2/1 dp	0.9	1	ND	NA	NA
Chromium	50*	585/576**	746/614**	198/609**	787/716**	572/610**	580/357** 567/357** dp	406/434**	133 V/157 V**	44.2 V/95.8 V**	140 J	52.7 J
Hexavalent Chromium	50*	493	663	460	800	560	530/540 dp	340	101	36	150	48

Notes:

Units are µg/l (ppb) unless otherwise stated.

Only detected compounds are listed.

NA = Not analyzed.

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NS = Not sampled.

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dp = Duplicate sample.

E = Estimated concentration: due to interference.

D = Concentration determined from a sample dilution.

J = Estimated concentration.

V = Estimated concentration: due to variance to quality control limits.

- - = Not sampled; well installed in December, 1990.

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** = Filtered Sample.

See RI report for additional data.

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	Remedial											
Wells / Compounds	Action											
DGC-3S	Objective	5/14/1996	10/23/1996	6/2/1997	10/14/1997	5/28/1998	10/29/1998	5/11/1999	10/26/1999	5/22/2000	10/24/2000	5/15/2001
Benzene	0.7*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	None*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum	100*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DGC-4S							•					
Carbon Disulfide	None*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13S												
Benzene	0.7*	NA	NA	10	IU	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	None*	NA	NA	IU	IU	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	5	NA	NA	10	8	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	IU	IU	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	5*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	44.8	46.4	90.7/90.9**	71.4	71.2	98.6 J	72.4	169	249	29.9	136
Hexavalent Chromium	50*	47	47	97	67	51	54.0 J	71.0	178	262	41	12.3

Notes:

Units are µg/l (ppb) unless otherwise stated.

Only detected compounds are listed.

NA = Not analyzed.

ND = Not detected.

NS = Not sampled.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

dp = Duplicate sample.

E = Estimated concentration: due to interference.

D = Concentration determined from a sample dilution.

J = Estimated concentration.

V = Estimated concentration: due to variance to quality control limits.

- - = Not sampled: well installed in December, 1990.

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	Remedial										
Wells / Compounds	Action										
DGC-3S	Objective	10/23/2001	5/29/2002	10/29/2002	4/9/2003	10/9/2003	5/25/2004	11/2004	5/24/2005	10/2005	5/23/2006
Benzene	0.7*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	None*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aluminum	100*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
200.00											
DGC-45	1								·1		
Carbon Disulfide	None*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
138											
Benzene	0.7*	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Carbon Disulfide	None*	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Carbon Tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Trichlorofluoromethane	5*	NA	NA	NA	NA	NA	NA	NA	NS	NS	NS
Chromium	50*	43.3	13.4	34.8	52.2	49.4	20.1	NA	NS	NS	NS
Hexavalent Chromium	50*	43.6 J	18	3.59	45	51.5	11	11.2	NS	NS	NS

Notes:

Units are µg/l (ppb) unless otherwise stated.

Only detected compounds are listed.

NA = Not analyzed.

ND = Not detected.

NS = Not sampled.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

dp = Duplicate sample.

E = Estimated concentration: due to interference.

D = Concentration determined from a sample dilution.

J == Estimated concentration.

V = Estimated concentration: due to variance to quality control limits.

--= Not sampled: well installed in December, 1990.

* Based on NYSDEC Final Combined Regulatory Impact and Environmental

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** = Filtered Sample,

See RI report for additional data.

TABLE 7 SUMMARY OF WATER QUALITY ANALYTICAL RESULTS MONITORING WELLS M-27S, M-27D, M-33S, M-33I JUNE 1992 - MAY 2006 SEMI-ANNUAL SAMPLING

	Remedial												
M-27S	Action Objective	6/5/1992	11/11/1992	3/14/1994	5/23/1995	10/17/1995	5/14/1996	10/23/1996	6/2/1997	10/14/1997	5/28/1998	10/29/1998	5/11/1999
Carbon Disulfide	None*	ND	ND	not sampled	ND	ND	ND	ND	ND	ND	ND	ND	0.85 J
Chloromethane	5	40	ND	not sampled	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	50*	8.4 B/ND**	57.4/ND**	not sampled	ND	ND	ND	ND	ND	ND	ND	3.2 BJ	0.98B
Hexavalent Chromium	50*	NA	NA	not sampled	ND	ND	ND	ND	ND	ND	ND	ND	ND
M-27D								,,				.,	
Carbon Tetrachloride	5	75/62 dp	23	not sampled	33/42 dp	56	31	28	26	22	27	26 / 27 dp	20.3 / 20.1 dp
Chloroform	7	ND	3	not sampled	4/4 dp	5	3	3	3	2	3	2 / 2 dp	1.8 / 1.8 dp
Chloromethane	5	4 J/28 dp	ND	not sampled	ND/ND dp	ND	ND	ND	ND	ND	ND	ND / ND	ND / ND dp
Trichloroethene	5											ND/ND dp	4.1/4.1 dp
Trichlorofluoromethane	5*	no data	no data	not sampled	no data	no data	no data	no data	no data	no data	no data	0,3 J / 0.3 J dp	0.92J / 0.99J dp
Chromium	50*	2.0 B/ND** 2.0 B/ND** dp	19.8/ND**	not sampled	ND/ND dp	ND	ND	ND	ND	1.2B	ND	4.6 BJ / 4.8 BJ dp	1.4 B / 1.3 B dp
Hexavalent Chromium	50*	NA	NA	not sampled	ND/ND dp	ND	ND	ND	ND	ND	ND	ND / ND dp	ND / ND dp
M-33S													
VOCs	-	not sampled	not sampled	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M-331													
VOCs	-	not sampled	not sampled	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: Units are ug/l (ppb) unless otherwise stated. Only detected compounds are listed. NA = Not analyzed.

ND = Not detected.

J = Estimated concentration.

dp = Duplicate sample.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

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for comparison purposes only.

** = Filtered Sample.

TABLE 7 SUMMARY OF WATER QUALITY ANALYTICAL RESULTS MONITORING WELLS M-27S, M-27D, M-33S, M-33I JUNE 1992 - MAY 2006 SEMI-ANNUAL SAMPLING

	Action														
M-27S	Objective	10/26/1999	5/22/2000	10/24/2000	5/15/2001	10/23/2001	5/29/2002	10/29/2002	4/15/2003	10/9/2003	5/25/2004	11/2004	5/24/2005	10/2005	5/23/2006
Carbon Disulfide	None*	ND / ND dp	ND	ND	ND / ND dp	ND / ND dp	ND / ND dp	ND J / ND J dp	ND	ND / 0.11 J dp	ND	NA	NA	NA	NA
Chloromethane	5	ND / ND dp	ND	ND	ND / ND dp	ND / ND dp	ND / ND dp	ND J / ND J dp	ND	ND / ND dp	ND	NA	NA	NA	NA
Chromium	50*	0.85B/0.90b dp	1.1B	1.2B	ND/ND dp	ND / ND dp	ND / ND dp	1.2 B	8.5 B	1.0 B / 1.8 B dp	83.1	2.6 B / 2.2 B dp	NA	NA	NA
Hexavalent Chromium	50*	ND / ND dp	ND	ND	ND / ND dp	ND UJ	ND U / ND dp	ND	ND	NA	NA	NA			
M-27D	,			1			1					T			
Carbon Tetrachloride	5	22.3	26.7D/28.9D dp	19.2/19.8 dp	13.8	16.2	14.5	24.2 DJ	5.1 / 4.5 dp	16.6	3 / 2.7 dp	22.1	21	13	22
Chloroform	7	1.8	ND / ND dp	1.7J /1.3 dp	1.1	1.1	0.94J	2.4	ND / ND dp	1.0	0.53 JB / 0.55 JB dp	ND	ND	ND	2
Chloromethane	5	ND	ND / ND dp	ND / ND dp	ND	ND	ND	ND	ND ND dp	ND	ND ND dp	ND	ND	ND	ND
Trichloroethene	5	10.7	12.8 / 12.1 dp	26.4 /26.5D dp	19.4	27 D	22.7	14	2.4 / 2.2 dp	21.8 D	3.2 / 2.9 dp	22.7	18	24	16
Trichlorofluoromethane	5*	1.4	1.9 / 1.8 dp	2.9 / 2.9 dp	2.0	2.2	1.5	0.96 J	0.21J / 0.18J dp	2.3	0.27 J / 0.29 J dp	2.3	1.3	1.0	1 J
Chromium	50*	0.81B	2B/1.8B dp	1.2B/1.2B dp	ND	1.5 B	2 B	1.5 B	5.9B / 6.1B dp	1.2 B	22.6 / 21.3 dp	2.6 B	1.7 B	1.6 B	2.7
Hexavalent Chromium	50*	ND	ND/ND dp	ND/ND dp	ND	ND	ND	ND	ND / ND dp	ND	ND / ND dp	ND	ND	ND	ND
M-33S															
VOCs	· .	ND	ND	ND	8.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M-33I															
VOCs	-	ND	ND	ND	4.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Remedial

* Based on NYSDEC Final Combined Regulatory Impact and Environmental

Impact Statement (Title 6, Chapter X, Parts 700-706, 1998), identified

for comparison purposes only.

** = Filtered Sample.

ND = Not detected. J = Estimated concentration.

Units are ug/l (ppb) unless otherwise stated.

Only detected compounds are listed.

dp = Duplicate sample.

NA = Not analyzed.

B = The reported value is less than the CRQL/CRDL but greater than the IDL.

D = Indentifies compound analyzed at a secondary dilution factor.

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TABLE 8 SUMMARY OF WATER QUALITY ANALYTICAL RESULTS MONITORING WELLS 4D, 11D, M-24D, M-25D, M-29D, 13D JUNE 1992 - MAY 2006 SEMI-ANNUAL SAMPLING

	Action						
4D	Objective	6/1-6/2/1992	11/18-11/19/1992	11/2004	5/24/2005	10/24/2005	5/23/2006
Acetone	50	ND	ND R	ND	ND	ND	5J
Carbon Tetrachloride	5	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND
Frichloroethene	5	ND	ND	ND	ND	ND	ND
11D							
Acetone	50	ND	ND R	ND	ND	ND	5J
Carbon Tetrachloride	5	ND	6	4.6	13	14	15
Chloroform	7	ND	3	ND	4.0	3.0	4.0
Trichloroethene	5	9J	7	ND	0.8 J	0.9J	1 J
M 24D							
A cetope	50	ND	ND P	ND	ND	ND	51
Carbon Tetrachloride	50	10	0.7	0.59 1	10	10	
Chloroform	7	ND	ND	ND	061	0.51	051
Trichloroethene	5	ND	ND	ND	0.03	0.53	0.55
M-25D	50	ND		NID	ND	ND	40.1
Acetone	50	<u>UN</u>	ND R	ND	ND	ND	49 J
Carbon Tetrachioride		48 ND	2/K	80.8 D	80	91	<u>/0</u>
		21	3K 9D	8.7	3.0	9.0	8.0
Trentoroethene	5		01	10.1	33.0	57 1	20
M-29D			1				
Acetone	50	ND	ND R	ND	ND	ND	5 J
Carbon Tetrachloride	5	79	84	10.8	38 D	37	39
Chloroform	7	ND	14	ND	4.0	5.0	5.0
		10	24	6.0	14	13	14
Trichloroethene	5	19	24			15	····
Trichloroethene	5		24			1.0	
Trichloroethene 13D Chromium	5	98.4	38.9 J	4.5 B	78.3	60.8 J	11

B = The reported value is less than the CRQL/CRI Impact Statement (Title 6, Chapter X, Parts 700-706, 1998), identified

dp = Duplicate sample. for comparison purposes only. E = Estimated concentration: due to interference. ** = Filtered Sample.

R = Analysis rejected

1.

FIGURES


FIGURE 2 WELL M-27D CARBON TETRACHLORIDE CONCENTRATIONS



FIGURE 3 SIMULATED VERSUS OBSERVED (MAY 2006) CARBON TETRACHLORIDE CONCENTRATIONS AT WELL M-27D



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FIGURE 4 SIMULATED VERSUS OBSERVED (MAY 2006) TRICHLOROETHENE CONCENTRATIONS AT WELL M-33S



FIGURE 5 SIMULATED VERSUS OBSERVED (MAY 2006) TRICHLOROETHENE CONCENTRATIONS AT WELL M-33I



APPENDIX A

LABORATORY DATA, INFLUENT/EFFLUENT WATER SAMPLES

FEBRUARY 27, 2006



April 14, 2006

Mr. Brian Neumann Shaw Environmental 13 British American Blvd. Latham, NY 12110

Re: MRFA Submission # R2630515 SDG # MRFA Duplicate

Dear Mr. Neumann:

Enclosed is the analytical data report for the above referenced facility. A total of three samples, one trip blank and one cooler blank were received by our laboratory on February 28, 2006.

Any problems encountered with this project are addressed in a case narrative section, which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. The data package and summary package have been mailed to Judy Harry and the summary package only has been mailed to your attention and to Steve Meier. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice⁷M. Jaeger Project Chemist

enc.

cc: Ms. Judy Harry Data Validation Services Cobble Creek Road North Creek, NY 12853 cc: Mr. Steve Meier GE Corporate Environmental Programs 320 Great Oaks Blvd. Suite 323 Albany, NY 12203



1 Mustard ST. Suite 250 Rochester, NY 14609 (585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client :	;	Shaw Environmental	
Project Reference:	ŗ,	GE MRFA PROJECT #810066	
Lab Submission # :		R2630515	
Project Manager :		Janice Jaeger	
Reported :		03/31/06	

Report Contains a total of $\underline{43}$ pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

CASE NARRATIVE

COMPANY: Shaw Environmental MRFA Project #810066 SUBMISSION #: R2630515

Shaw water samples were collected on 02/27/06 and received at CAS on 02/28/06 in good condition at a cooler temperature of 1°C.

VOLATILE ORGANICS

Three water samples, one cooler blank, and one trip blank were analyzed for a site-specific list of Volatiles by method OLC 2.1.

All Tuning criteria for BFB were within limits.

The initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within limits.

All surrogate standard recoveries were within limits.

All samples were analyzed within required holding times.

Several samples had hits which were outside the calibration range of the instrument and are flagged with an "E". The samples were reanalyzed at dilutions and both set of samples are reported. All compounds identified in the dilution have been flagged as "D".

A Library Search against the NIST/EPA library was conducted on the samples and blanks. The 20 largest peaks, within 10% of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag on a TIC compound indicates presumptive evidence of a particular compound.

Site-specific QC was performed on the Influent. All MS/MSD recoveries were within limits. All Blank Spike recoveries were within limits. All RPD's were within limits.

All results between the MDL and PQL have been flagged with a "J" as estimated.

The Laboratory Blanks, trip blank, and cooler blank associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in the hard copy package has been authorized by the Laboratory Manager or his designee, as verified by the following signature;

2

SDG#:MRFA	DUPLICATE	BATCH	COMPLETE: yes		DATE REVI	SED:			
SUBMISSION	R2630515	DISKETT	E REQUESTED: Y_X N		DATE DUE:	03/28/06			
CLIENT:	Shaw Environmental	DATE: 0	3/01/06		PROTOCOL	L:ASPB			
CLIENT REP:	Janice Jaeger	CUSTOR	Y SEAL: PRESENT/ABSENT:		SHIPPING I	No.:	-		
PROJECT:	GE MRFA PROJECT #810	CHAIN C	F CUSTODY: PRESENT/ABSENT:		SUMMARY PKG: Y_x_N				
CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE	DATE	pН	%	REMARKS	
	· · ·			SAMPLED	RECEIVED	(SOLIDS)	SOLIDS	AMPLE CONDITIO	
885141	MRFA DUPLICATE	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06				
885142	MRFA EFFLUENT	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06				
885143	MRFA INFLUENT	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06				
885144	TRIP BLANK	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06				
885145	COOLER BLANK	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06				
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ORGANIC QUALIFIERS

- U Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL.
- N Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P".
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- X As specified in Case Narrative.
- * This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited Delaware Accredited Connecticut ID # PH0556 Florida ID # E87674 Illinois ID #200047 Maine ID #NY0032 Massachusetts ID # M-NY032 Navy Facilities Engineering Service Center Approved Nebraska Accredited New Jersey ID # NY004 New York ID # 10145 New Hampshire ID # 294100 A/B Pennsylvania Registration 68-786 Rhode Island ID # 158 West Virginia ID # 292

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If No, Explain Below No No No No No										
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Thermomete	r ID: 161 or	IR GU	ו 🗸 או	Reading From: Te	emp Blank or	Sample Bottle				
PC Secondary Review: <u>MJ 2/28/06</u> Cooler Breakdown: Date : <u>2/28/06</u> by: <u>CMA</u> 1. Were all bottle labels complete (<i>i.e.</i> ahalysis, preservation, etc.)? YES NO 2. Did all bottle labels and tags agree with custody papers? <u>YES</u> NO 3. Were correct containers used for the tests indicated? <u>YES</u> NO 4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A Explain any discrepancies:										
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 2. Did all bottle 3. Were correct 4. Air Samples Explain any discrepa pH 12 2 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is required VO (1) 	e labels and tags ag t containers used fit : Cassettes / Tub ancies: Reagent NaOH HNO ₃ H ₂ SO ₄ for TCN & Phenol P/PCBs (608 only) NO = Sam uired, use NaOH and/or C Vial pH Verification cested after Analysis) Following Samples Exhibited pH > 2	gree with the test in the test in test	ith cust tests in ct (NO e preserv	ved at lab as listed Other Commer	PC OK to adjust	NO NO Bags Inflated N/A Vol. Added				

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78-03-3	<u> </u>	2-F	Rutanone	(MEK)				+	5		-		
74-97-5		Bro	mochlor	methar	0						4		
67-66-3		Ch	loroform	Incula					<u>/</u>	<u> </u>			
107-06-	.2	12	Dichloro	ethane									
71-55-6	-	11	1-Trichlo	roethan	0				1				
56-23-5		Ca	rhon tetra	chloride				7	7 14-		. –		
71_43_2		Bei		CINOINCE	<u> </u>				<u>/ 41</u> 4				
70.01.6		Tric	chloroeth	000					- 20-		_1		
78-87-5		12	-Dichloro	oronane				<u> </u>	<u>>zu</u> 1				
75.27.4	· · · · · · · · · · · · · · · · · · ·	Bro	modichlo	romethe	200				<u> </u>				
10061-0	1_5	Cie	1 3 Dichi	oroprop					4				
108-10-	1		athvl_2_D	entanor					<u> </u>				
108-88-	3		leng-2-r	entario					1				
100-00-	<u>.</u>	tran	ne-1 3-Dic	bloropr	2000				4				
70.00-5	2-0	11	2-Trichlo	roethan	opene	3			4				
127-18-	A	Tot	rachloroe	thene	-								
501-78-	6	2-14	avanona						i				
124 48	1	Dib	romochlo	omothe									
106.02	<u>r</u> A	1 2	Dibromo	othono									
109.00	+ 7		orobenzo						<u>I</u>				
100-90-1	<u>.</u> A		ununenzee										
1220.00	. .7		n) Yulana	3									
1220.20	- <i>i</i>			, 									
100.40	-/	0-X				· · · · · · · · · · · · · · · · · · ·			1		-		
100-42-5)	Styr							1	<u> </u>			
19-34-5		1,1,	2,2-1 etra	cnioroet	nane				1	<u> </u>	_		
/5-25-2		Bror	notorm						1	U	_		
541-73-1		1,3-	UICNIOROD	enzene					1	U			- 7

X

	1A VOLATILE ORGANICS ANALYSIS DATA SHEFT						EPA SAMPLE NO.		
Lab Name:	CAS/RC	OCH	Contract: IT-LATHAM					E	
Lab Code:	10145	Case N	lo.: <u>R6-30515</u>	SAS No.	.: S	DG No.:	MRFA [DUPLICATE	
Matrix: (soil/w	vater)	WATER		Lab	Sample ID:	885141	1.0		
Sample wt/vo	d:	<u>25.0</u> (g	/ml) <u>ML</u>	Lab	File ID:	T6332.D			
Level: (low/m	ned)	LOW		Dat	e Received:	02/28/06			
% Moisture: r	not dec.			Dat	e Analyzed:	03/10/06		4	
GC Column:	DB-624	4_ ID: <u>0.18</u> _	(mm)	Dilu	tion Factor:	1.0			
Soil Extract V	olume:	(u	IL)	Soil	Aliquot Volu	me:		(uL)	
			CON	CENTRATI	ON UNITS:				
CAS NO	•	COMPOUN	D (ug/L	or ug/Kg)	UG/L		Q		
106-46	-7	1,4-Dichlo	robenzene			1	U		
95-50-1		1,2-Dichlo	robenzene			1	U		
96-12-8	3	1,2-Dibron	no-3-chloroprop	bane		1	U	- ·	
120-82-	-1	1,2,4-Trich	nlorobenzene			1	U		
87-68-3	I	Hexachlor	obutadiene			1	U		
87-61-6	i	1,2,3-Trich	lorobenzene			1	U		

X

			ORGAN	1E IICS ANAL	YSIS DATA	SHEET	-	EPA SA	AMPLE	E NO.	
Lab Name:	CAS/RO	TENTẠT DCH	IVELY	DENTIFIEI	COMPOL Contract:	JNDS IT-LAT	HAM	DUF	PLICA	ſE	
Lab Code:	10145	Ca	se No.:	R6-30515	SAS No	.:	S	OG No.:	MRFA	DUPL	ICATE
Matrix: (soil/w	water)	WATER	_		Lat	o Sample	e ID:	885141	1.0		
Sample wt/vo	ol:	25.0	(g/mi)	ML	Lat	File ID:	:	T6332.D		_	
Level: (low/n	ned)	LOW	-		Dat	te Recei	ved:	02/28/06	;	_	
% Moisture: r	not dec.				Dat	e Analyz	zed:	03/10/06)	-	·
GC Column:	DB-62	4 ID: 0.1	18 (n	nm)	Dik	ution Fac	ctor:	1.0		_	
Soil Extract V	/olume:		_ (uL)		Soi	I Aliquot	Volur	ne:		(uL)	
				CON	ICENTRAT	ION UN	ITS:				
Number TICs	found:	0	_	(ug/L	. or ug/Kg)	UG	/L	<u></u>		· ·	
CAS NO.		COMPOU	ND			RT	ES	T. CONC		Q]

FORM I VOA-TIC

				EPA SAMPLE NO.		
				DUPL		-
Lab Code: 10145	Case No.: R0-30515	SAS NO.:	SU	G NO.:	MRFA DU	JPLICATE
Matrix: (soil/water)	VATER	Lab Sam	ple ID: 4	885141 2	2.0	
Sample wt/vol: 2	25.0 (g/ml) ML	Lab File	ID: -	T6337.D		
Level: (low/med)	.OW	Date Rec	ceived: ()2/28/06	/	
% Moisture: not dec.		Date Ana	alyzed: (03/10/06		
GC Column: DB-624	ID: 0.18 (mm)	Dilution F	actor: 2	2.0		
Soil Extract Volume:	(ul.)	Soil Aliqu	- Int Volum	ne. /	/	ul X
	(ul)	Con / aiqu		io. —	V	
н. Н	CON	CENTRATION L	JNITS:			
CAS NO.	COMPOUND (ug/L	or ua/Ka) L	IG/L	/	Ô.	
0/10/110.		or ugrig/ <u>-</u>			~	•
74-87-3	Chloromethane			2	U].
75-01-4	Vinyl Chloride			2	U	
74-83-9	Bromomethane			2	U	
75-00-3	Chloroethane			2	U	
75-69-4	Trichlorofluoromethane			2	U	
75-35-4	1,1-Dichloroethene			2	U	
67-64-1	Acetone			10	U	
75-15-0	Carbon Disulfide			2	U]
75-09-2	Methylene Chloride			2	U	
156-60-5	trans-1,2-Dichloroethene			2	U	
75-34-3	1,1-Dichloroethane		·	2 .	U	
156-59-2	cis-1,2-Dichloroethene			2	U	
78-93-3	2-Butanone (MEK)			10	U	
74-97-5	Bromochloromethane			2	U	
67-66-3	Chloroform			4	D	
107-06-2	1,2-Dichloroethane			2	U	
71-55-6	1,1,1-Trichlorøethane			2	U	
56-23-5	Carbon tetrachloride			39	D	
71-43-2	Benzene			2	U	
79-01-6	Trichlorøethene		- 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 194	25	D	
78-87-5	1.2-Dichloropropane			2	U	
75-27-4	Bromodichloromethane			2	U	
10061-01-5	cis-1.3-Dichloropropene		,	2	Ŭ	
108-10-1	A-Methyl-2-Pentanone	· · · · ·		10	Ŭ	
108-88-3	Toluene			2	Ŭ	•
10061-02-6	trans-1.3-Dichloropropene			2	U	
79-00-5	1.1.2-Trichloroethane			2	Ŭ	
127-18-4	Tetrachloroethene			2	<u> </u>	
591-78-6	2-Hexanone			10		
124-48-1	Dibromochloromethane			2	U	
106-93-4	1.2-Dibromoethane			2	<u> </u>	
108-90-7	Chlorobenzene			2	-ŭ	
100-41-4	Ethylbenzene	·····		2	<u> </u>	
1330-20-7	(m+p) Xvlene			2		
1330-20-7	o-Xviene			2		
100-42-5	Styrene			2		
70-34-5	1 1 2 2-Tetrachloroethana	····		2		
75-25-2	Bromoform			2		
5/1_72_1	1 3-Dichlorobenzono	···		2		
041-70-1	1,0-DIGHIOLODEHZELIE	L			0	

FORM I VOA

VO			EPA SA	MPLE NO.	_
Lab Name: CAS/ROC		ontract: IT-LATHAM	DUPL		
Lab Code: 10145	Case No.: <u>R6-30515</u>	SAS No.: S	DG No.:		LICATE
Matrix: (soil/water) M	/ATER	Lab Sample ID:	885141 2	2.0	
Sample wt/vol: 2	5.0 (g/ml) <u>ML</u>	Lab File ID:	T6337.D		
Level: (low/med)	OW	Date Received:	02/28/06		
% Moisture: not dec.		Date Analyzed:	03/10/06		•
GC Column: DB-624	ID: 0.18 (mm)	Dilution Factor:	2.0		
Soil Extract Volume:	(uL)	Soil Aliquot Volu	me:	(ul	_)
	CONC	ENTRATION UNITS:			
CAS NO.	COMPOUND (ug/L o	r ug/Kg) <u>/JG/L</u>		Q	
106-46-7	1,4-Dichlorobenzene		2	U	
95-50-1	1,2-Dichlorobenzene		2	U	
96-12-8	1,2-Dibromo-3-chloropropa	ane /	2	U	
120-82-1	1,2,4-Trichlorobenzene		2	U	
87-68-3	Hexachlorobutadiene		2	U	
87-61-6	1,2,3-Trichlorobenzene	/	2	U	

	15		
	VOLATILE ORGANICS ANAL	YSIS DATA SHEET	EPA SAMPLE NO.
Lab Name: CAS/F		D COMPOUNDS	DUPLICATEDL
Lab Code: 10145	Case No.: R6-3051	5 SAS No.: SE	GNO: MREADUPLICATE
Matrix: (soil/water)	WATER	Lab Sample ID:	885141 2.0
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T6337.D
Level: (low/med)	LOW	Date Received:	02/28/06
% Moisture: not dec.		Date Analyzed:	03/10/06
GC Column: DB-6	24 ID: 0.18 (mm)	Dilution Factor:	2.0
Soil Extract Volume:	(uL)	Soil Aliquot Volum	ne: (uL)
Number TICs found:	COM 0	NCENTRATION UNITS: L or ug/Kg) UG/L	
CAS NO.	COMPOUND	RT EST	C. CONC. Q
	1. ¹		
	· .		
			· · ·
			· · · · ·
•			

			1A				EPA SA	MPLE NO	D .
ч. Т	\	OLATILE O	RGANICS	ANALYSIS [DATA SH	IEET	EFF	LUENT	
Lab Name:	CAS/RC	CH		Contr	act: IT-	LATHAM	<u> </u>		
Lab Code:	10145	Cas	e No.: <u>R6-</u> 3	80515 SA	S No.:	S	DG No.: N	MRFA DL	IPLICATE
Matrix: (soil/v	water)	WATER			Lab Sa	mple ID:	885142 1	0	
Sample wt/vo	ol:	25.0	(g/ml) ML		Lab File	e ID:	T6331.D		
Level: (low/n	ned)	LOW	· · ·		Date R	eceived:	02/28/06		
% Moisture: r	not dec.				Date A	nalyzed:	03/10/06		
GC Column:	DB-624	4 ID: 0.18	3 (mm)		Dilution	Factor:	1.0		
Soil Extract V	/olume:	·	(uL)		Soil Alio	auot Volu	me:	(uL)
	-		(42)		0017	4000 7010			
				CONCENT	RATION	UNITS:			
CAS NO).	COMPO	UND	(ug/L or ug	/Kg)	UG/L		Q	
									1 [.]
74-87-	3	Chloro	methane				1	<u> </u>	· · ·
75-01-	4	Vinyl C	hloride		,		1	<u> </u>	
74-83-	9	Bromo	nethane				1	<u> </u>	
75-00-3	3	Chloroe	ethane				. 1	<u> </u>	
75-69-	4	Trichlo	ofluorometh	nane			1	<u> </u>	
75-35-4	4	1,1-Dic	hloroethene	•			1	<u> </u>	
67-64-	1	Aceton	8				5	UJ	
75-15-(0	Carbon	Disulfide				1	U	
75-09-2	2	Methyle	ene Chloride)			1	U	
156-60	-5	trans-1	2-Dichloroe	thene			1	<u> </u>	
75-34-3	3	1,1-Dic	hloroethane				1	<u> </u>	
156-59	-2	cis-1,2-	Dichloroeth	ene			1	<u> </u>	
78-93-3	3	2-Butar	one (MEK)				5	UU	
74-97-	5	Bromoc	hlorometha	ne			1	U	
67-66-3	3	Chlorof	orm				0.2	J	
107-06	-2	1,2-Dicl	nloroethane				1	U	
71-55-6	3	1,1,1-Ti	ichloroetha	ne			1	U	
56-23-5	5	Carbon	tetrachlorid	e			0.6	J	
71-43-2	2	Benzen	e				1	U	
79-01-6	3	Trichlor	oethene				0.6	J	
78-87-5	5.	1.2-Dict	loropropan	e			1	U	
75-27-4	1	Bromod	ichlorometh	ane			1	U	
10061-	01-5	cis-1.3-	Dichloropro	bene			1	U	
108-10-	-1	4-Methy	I-2-Pentanc	ne			5	U	
108-88-	-3	Toluene	: :			1	1	U	
10061-	02-6	trans-1.	3-Dichlorop	ropene	·······		1	U	
79-00-5	<u>,</u>	1.1.2-Tr	ichloroethar	ne			1	Ŭ	
127-18-	4	Tetrach	oroethene				1	Ŭ	
591-78-	-6	2-Hexar	one				5	Ů	
124-48-	.1	Dibromo	chlorometh	ane			1	Ū	
106-03	 .4	1.2-Dibr	omoethane			1	1	- ŭ	
108-00	.7	Chlorob	enzene			+	1	-ŭ	
100-30-	<u>,</u>	Ethylber	7606			<u></u>	1	-ŭ	
1220.00	<u>-</u> 1-7		lene			+	1	-ŭ	
1220.20	<u>,-,</u>		<u>, , , , , , , , , , , , , , , , , , , </u>	· · · · · · · · · · · · · · · · · · ·			1	<u> </u>	
100.40	<u>)-1</u> 5	Stropo							
70.04 5	<u></u>		otrachlaras	thana	· · · · · ·				
19-34-0		1, 1, 2, 2-1	cuaciioi0e				4	- <u></u>	
15-25-2									
541-/3-	1		urubenzene	;		ł	<u> </u>	<u> </u>	

					OUEET	EPA S	AMPLE	NO.
Lab Name:	CAS/ROCI			Contract:	IT-LATHAN	/ EF	FLUENT	
Lab Code: 1	0145	Case No.:	R6-30515	SAS No	.: \$	SDG No.:	MRFA [DUPLICATE
Matrix: (soil/wa	nter) <u>W</u>	ATER		Lab	Sample ID	: 885142	1.0	
Sample wt/vol:	25	5.0 (g/ml)	ML	Lab	File ID:	T6331.E)	
Level: (low/me	ed) LC	W		Dat	e Received:	02/28/06	3	
% Moisture: no	t dec.			Dat	e Analyzed:	03/10/06	3	4
GC Column:	DB-624	ID: 0.18 (m	im)	Dilu	tion Factor:	1.0		
Soil Extract Vol	lume:	(uL)		Soil	Aliquot Vol	ume:		(uL)
			CON	CENTRAT	ION UNITS:			
CAS NO.		COMPOUND	(ug/L	or ug/Kg)	UG/L		Q	
106-46-7	,	1,4-Dichlorobe	enzene			1	U	-
95-50-1		1,2-Dichlorobe	enzene			1	U	
96-12-8		1,2-Dibromo-3	-chloroprop	bane		1	U	- ,
120-82-1		1,2,4-Trichlord	benzene			1	U	
87-68-3		Hexachlorobu	tadiene			1	U U	
87-61-6		1.2.3-Trichlord	benzene			1		-1

		1E			
1	VOLATILE OF	GANICS ANALY	SIS DATA SHEET	EPA SAMPLE	E NO.
	IENIAIIV		COMPOUNDS		-
Lab Name: CAS	ROCH	· ·	Contract: IT-LATHAN		
Lab Code: 1014	45 Case	No.: R6-30515	SAS No.:	SDG No.: MRFA	DUPLICATE
Matrix: (soil/water)	WATER		Lab Sample ID	885142 1.0	- · · ·
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	Lab File ID:	T6331.D	
Level: (low/med)	LOW		Date Received:	02/28/06	*
% Moisture: not de	ec.		Date Analyzed:	03/10/06	
GC Column: DB	-624 ID: 0.18	(mm)	Dilution Factor:	1.0	_
Soil Extract Volum	e:	(uL)	Soil Aliquot Vol	ume:	(uL)
		CON	CENTRATION UNITS:		
Number TICs found	d:0	(ug/L	or ug/Kg) UG/L		
		······			
CAS NO.	COMPOUNL)	RT E	ST. CONC.	Q

FORM I VOA-TIC

	1A	· · · · · · · · · · · · · · · · · · ·	EPA SA	MPLE NO.
	VOLATILE ORGANICS ANALY	YSIS DATA SHEET		
Lab Name: CAS	ROCH	Contract: IT-LATHAM	1 INFI	LUENT
Lab Code: 1014	5 Case No.: R6-30515	SAS No.:	SDG No.: I	MRFA DUPLICATE
Matrix: (soil/water)	WATER	Lab Sample ID:	885143 1	.0
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	/ Lab File ID:	T6336.D	
Level: (low/med)	LOW	Date Received:	02/28/06	
% Moisture: not de	C	Date Analyzed:	03/10/06	
GC Column: DB	-624 ID: 0.18 (mm)	Dilution Factor:	1.0	
Soil Extract Volum	e: (uL)	Soil Aliquot Volu	ume:	(uL)
	CON	ICENTRATION UNITS:		
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L	<u></u>	Q
74-87-3	Chloromethane		1	U
75-01-4	Vinyl Chloride		1	U
74-83-9	Bromomethane		1	U
75-00-3	Chloroethane		1	U
75-69-4	Trichlorofluoromethane		1	U
75-35-4	1 1-Dichloroethene		1	<u> </u>
67-64-1			5	- ŭ T
75 45 0	Carbon Disulfide		1	
75-10-0	Mothylana Chlarida			
75-09-2			1	
156-60-5		<u>}</u>	1	
75-34-3	1,1-Dichloroethane		1.	<u> </u>
156-59-2	cis-1,2-Dichloroethene		1	
78-93-3	2-Butanone (MEK)		5	00
74-97-5	Bromochloromethane		1	<u> </u>
67-66-3	Chloroform		4	
107-06-2	1,2-Dichloroethane		1	<u> </u>
71-55-6	1,1,1-Trichloroethane		. 1	U
56-23-5	Carbon tetrachloride	4	1 41-	E
71-43-2	Benzene		1	U
79-01-6	Trichloroethene	2	6 26-	E
78-87-5	1.2-Dichloropropane		1	U
75-27-4	Bromodichloromethane		1	<u> </u>
10061-01-5	cis-1.3-Dichloropropene		1	11
108-10-1	4-Methyl-2-Pentanone		5	
108-88-3			1	
100-00-0	trans-1 3-Dichloropropen	•	1	
70.00.5	1 1 2-Trichloroethane	<u> </u>	1	
79-00-5				<u> </u>
127-18-4			<u> </u>	
591-78-6			5	
124-48-1				
106-93-4	1,2-Dibromoethane		1	<u> </u>
108-90-7	Chlorobenzene		1	<u> </u>
100-41-4	Ethylbenzene		1	U
1330-20-7	(m+p) Xylene		1	U
1330-20-7	o-Xylene		1	U
100-42-5	Styrene		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
75-25-2	Bromoform		1	Ū
5/1_72_1	1 3-Dichlorobenzene		1	
J=1-7J=1				

				1A		OUEET	EPA S	AMPLE	NO.
Lab Name:	CAS/RC		JRGANIC		Contract:	IT-LATHAN		LUENT	
Lab Code:	10145	Cas	se No.: F	R6-30515	SAS No		SDG No.:	MRFA	DUPLICATE
Matrix: (soil/w	vater)	WATER			Lat	o Sample ID	: 885143	1.0	
Sample wt/vo	d:	25.0	(g/mi)	ML	Lat	o File ID:	T6336.D)	
Level: (low/m	ned)	LOW			Dat	te Received	: 02/28/06	}	
% Moisture: n	not dec.				Dat	te Analyzed:	: 03/10/06	5	•
GC Column:	DB-62	4_ID: 0.1	<u>8</u> (mn	n)	Dilu	ution Factor:	1.0	-	
Soil Extract V	olume:	<u> </u>	(uL)		Soi	l Aliquot Vol	ume:		(uL)
			• •	CON	CENTRAT	ION UNITS	•		• •
CAS NO	•	COMPC	DUND	(ug/L	or ug/Kg)	UG/L		Q	
106-46	-7	1,4-Die	chlorober	izene			1	U	
95-50-1		1,2-Die	chlorober	izene			1	U	
96-12-8	3	<u> </u>	oromo-3-	chloroprop	oane		1	U	•
120-82	-1	1,2,4-1	richlorob	enzene			1	U	
87-68-3	3	Hexac	hlorobuta	Idiene			1	U	
87-61-6	3	1,2,3-7	richlorob	enzene			1	U	

	,	VOLATILE (1E DRGANICS ANAL	YSIS DATA SHEE	T EPA SAMI	PLE NO.	
Lab Name:	CAS/RC	TENTATI	VELY IDENTIFIE	D COMPOUNDS Contract: IT-LAT		ENT	
Lab Code:	10145	Cas	se No.: R6-3051	5 SAS No.:	SDG No.: MR	FADUPLICAT	E
Matrix: (soil/w	vater)	WATER	-	Lab Sampl	e ID: <u>885143 1.0</u>		
Sample wt/vo	ol:	25.0	(g/mi) ML	Lab File ID	: <u>T6336.D</u>		
Level: (low/m	ned)	LOW	•	Date Rece	ived: <u>02/28/06</u>	*	
% Moisture: r	not dec.		·····	Date Analy	zed: 03/10/06	· ·	
GC Column:	DB-62	4_ ID: <u>0.1</u>	8 (mm)	Dilution Fa	ctor: <u>1.0</u>		
Soil Extract V	olume:		_ (uL)	Soil Aliquo	Volume:	(uL)	
			COI	NCENTRATION UN	IITS:	· .	
Number TICs	found:	0	- (ug/	L or ug/Kg) UG	6/L		
CAS NO.		COMPOU	ND	RT	EST. CONC.	à	

FORM I VOA-TIC

			1A				EPA S	AMPLE N	Ю.
	١	OLATILE	ORGANICS	ANALYSIS I	DATA SHE	EET			
Lab Name:	CAS/RO	СН	1	Contr	act: IT-L	ATHAM		UENTDL	
Lab Code:	10145	Ca	se No.: R6-3	30515 SA	S No.:	S	DG No.:	MRFA D	UPLICATE
Matrix: (soil/	water)	WATER			Lab Sar	nole ID:	885143	2.0	
Complexity		25.0			Lob File		T6338 D		
Sample w/v	01:	25.0				.	10330.0		
Level: (low/r	ned)	LOW			Date Re	eceived:	02/28/06		
% Moisture:	not dec.				Date An	alyzed:	03/10/06		
GC Column:	DB-624	ID: 0.	18 (mm)		Dilution	Factor:	2.0	/	
Soil Extract \	/olume:		(ul.)		Soil Alia	uot Volu	me:		(ut.)
	-	<u></u>	_ (02)		Con 7 and				(42)
				CONCENT	RATION	UNITS:	/		
CAS NO).	COMP	OUND	(ug/L or ug	/Kg)	UG/L		Q	
74-87-	3	Chlor	omethane				2	<u> </u>	
75-01-	4	Vinyl	Chloride			ļ	/ 2	<u> </u>	_
74-83-	9	Brom	omethane			/	<u>2</u>	U	
75-00-	3	Chlor	oethane		<u></u>		2	<u> </u>	_
75-69-	4	Trichl	orofluorometl	nane			2	U	_
75-35-	4	1,1-D	ichloroethene	•		\swarrow	2	U	_
67-64-	1	Aceto	ne		/	1	10	U	_
75-15-	0	Carbo	on Disulfide				2	<u> </u>	_
75-09-	2	Methy	lene Chloride)	/		2	<u> </u>	_
156-60)-5	trans-	1,2-Dichloroe	thene			2	<u> </u>	_
75-34-	3	1,1-Di	chloroethane		/		2	U	
156-59	-2	cis-1,2	2-Dichloroeth	ene /	/		2	<u>U</u>	_
78-93-	3	2-Buta	anone (MEK)	/			10	U	
74-97-	5	Bromo	ochlorometha	ne /			2	U	
67-66-	3	Chlore	oform				4	<u>D</u>	
107-06	-2	1,2-Di	<u>chloroethane</u>				2	U	
71-55-	6		<u>Trichloroetha</u>	ne⁄ ·			2	<u> </u>	
56-23-	5	Carbo	n tetrachlorid	<u>e</u>			41	D	
71-43-2	2	Benze	ne /				2	U	
79-01-0	6	Trichle	proethene/				26	D	
78-87-	5	1,2-Di	chloropropan	e			2	U	
75-27-4	4	Bromo	dichlorometh	ane			2	U	
10061-	01-5	cis-1,3	I-Dichloropro	pene			2	U	
108-10	-1	4-Meth	nyl-2-Pentanc	ne			10	U	
108-88	-3	Toluer	ne				2	U	
10061-	02-6	trans-/	,3-Dichlorop	ropene			2	U	
79-00-5	5	1,1,2-1	Frichloroetha	ne			2	U	
127-18	-4	Tetrac	hloroethene				2	U]
591-78	-6	2/Hexa	anone				10	U	
124-48-	-1	/Dibron	nochlorometh	ane			2	U	
106-93	-4	/ 1,2-Dit	promoethane				2	U	
108-90-	-7	/ Chloro	benzene				2	U]
100-41-	-4	Ethylbe	enzene				2	U	
1330-20)-7	(m+p)	Xylene				2	U	
1330-20)-7	o-Xyler	ne				2	U	
100-42-	.5	Styren	9				2	U]
79-34-5	; ;	1,1.2.2	-Tetrachloroe	thane			2	U	1
75-25-2		Bromo	form				2	Ū	1
541-73-	1	1.3-Dic	hlorobenzen	•			2	U	1
					I				-

-

			1A			EPA SA	AMPLE	NO.
	VOLA		CS ANALY	SIS DATA S	HEET			
Lab Name: _	CAS/ROCH	· I		Contract: [T-LATHAM			
Lab Code: 1	10145	Case No.:	R6-30515	SAS No.:	SI	DG No.:	MRFA [DUPLICATE
Matrix: (soil/wa	ater) <u>WA</u> T	ER		Lab S	Sample ID:	885143 2	2.0	
Sample wt/vol:	25.0	(g/ml)	ML	Lab F	File ID:	T6338.D		
Level: (low/me	ed) LOV	<u> </u>		Date	Received:	02/28/06		
% Moisture: no	ot dec			Date	Analyzed:	03/10/06		
GC Column:	<u>DB-624</u> II	D: <u>0.18</u> (mi	m)	Diluti	on Factor:	2.0		
Soil Extract Vol	lume:	(uL)		Soil A	liquot Volui	ne:		(uL)
			CONC	ENTRATIC	N UNITS:			
CAS NO.	С	OMPOUND	(ug/L o	or ug/Kg)	UG/L		Q	
106-46-7	,	1,4-Dichlorobe	nzene			2	U	
95-50-1		1,2-Dichlorobe	nzene			2	U	
96-12-8		1,2-Dibromo-3-	chloroprop	ane		2	U	
120-82-1		1,2,4-Trichlorol	benzene			2	U	
87-68-3		Hexachlorobuta	adiene			2	U	
87-61-6		1,2,3-Trichlorol	penzene			2	U	

· •	1E VOLATILE ORGANICS ANALYSI TENTATIVELY IDENTIFIED C	1E ILE ORGANICS ANALYSIS DATA SHEET TATIVELY IDENTIFIED COMPOUNDS				
Lab Name: CAS/RC	ОСН Со	ontract: IT-LATHAM				
Lab Code: 10145	Case No.: R6-30515	SAS No.: SD	G No.: MRFA	DUPLICATE		
Matrix: (soil/water)	WATER	Lab Sample ID:	885143 2.0			
Sample wt/vol:	25.0 (g/mi) <u>ML</u>	Lab File ID:	T6338.D			
Level: (low/med)	LOW	Date Received:	02/28/06	- 4		
% Moisture: not dec.		Date Analyzed:	03/10/06			
GC Column: DB-62	24 ID: <u>0.18</u> (mm)	Dilution Factor:	2.0			
Soil Extract Volume:	(uL)	Soil Aliquot Volun	ne:	(uL)		
Number TICs found:	CONCE (ug/L or	ENTRATION UNITS: r ug/Kg) UG/L	_ /	· ·		
CAS NO.	COMPOUND	RT ES	T. CONC.	à		

	1A		EPA S	AMPLE NO.	
Ve	OLATILE ORGANICS ANALY	(SIS DATA SHEET	TRI	P BLANK	
Lab Name: CAS/ROC	CH '	Contract: II-LAIH	AM_ [
Lab Code: 10145	Case No.: R6-30515	SAS No.:	SDG No.:	MRFA DUP	ICATE
Matrix: (soil/water)	WATER	Lab Sample	ID: <u>885144</u>	1.0	
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	Lab File ID:	T6333.D		
Level: (low/med)	OW	Date Receive	ed: 02/28/06)	
% Moisture: not dec.		Date Analyze	ed: 03/10/06	5	
GC Column: DB-624	ID: 0.18 (mm)	Dilution Factor	or: 1.0		
Soil Extract Volume:	(uL)	Soil Aliquot V	/olume:	(uL)	
	、 ,	•		······································	
	CON	CENTRATION UNIT	rs:		
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L	-	Q	
74 07 9	Chloromothone		4	11	
<u> 14-81-3</u> 75 04 4	Vinyl Chlorida		1 		
75-01-4	Promomothono				· · ·
74-03-9	Chloroethane				
75-00-3	Trichlorofluoromethane		······································		
75-35-4	1 1-Dichloroethene		1		
67-64-1	Acetone		5	UT	
75-15-0	Carbon Disulfide		1		
75-09-2	Methylene Chloride	·····	1	<u> </u>	
156-60-5	trans-1.2-Dichloroethene	·····	1	U U	
75-34-3	1.1-Dichloroethane		1.	U	
156-59-2	cis-1.2-Dichloroethene		1	U	
78-93-3	2-Butanone (MEK)		5	US	
74-97-5	Bromochloromethane		1	U	
67-66-3	Chloroform		1	U	
107-06-2	1,2-Dichloroethane		1	U	
71-55-6	1,1,1-Trichloroethane		1	U	
56-23-5	Carbon tetrachloride		1	U	
71-43-2	Benzene	-	1	U	
79-01-6	Trichloroethene		1	U	
78-87-5	1,2-Dichloropropane		<u> </u>	U	
75-27-4	Bromodichloromethane		1	U	
10061-01-5	cis-1,3-Dichloropropene		1	U	· .
108-10-1	4-Methyl-2-Pentanone		5	U	
108-88-3	Toluene		1	U	
10061-02-6	trans-1,3-Dichloropropene)	1	U	
79-00-5	1,1,2-Trichloroethane		1	U	
127-18-4	Tetrachloroethene		1	U	
591-78-6	2-Hexanone		5	U	
124-48-1	Dibromochloromethane		1	U	
106-93-4	1,2-Dibromoethane		1	U	
108-90-7			1		
100-41-4			1		
1330-20-7	(m+p) xylene		<u> </u>		
1330-20-7	0-Xyiene		1		
100-42-5	Styrene		1		
79-34-5	1,1,2,2-I etrachloroethane		1		
/5-25-2	Bromotorm		1		
541-73-1	1,3-Dicniorobenzene		1	U	

			1A			EPA S	AMPLE	NO.
Lab Name: C	VOLA AS/ROCH			SIS DATA	IT-LATHAM	TRI	P BLANI	K
Lab Code: 1	0145	Case No.:	R6-30515	SAS No	o.: S	DG No.:	MRFA [DUPLICATE
Matrix: (soil/wa	ter) WAT	TER		La	b Sample ID:	885144	1.0	
Sample wt/vol:	25.0	(g/ml)	ML	La	b File ID:	T6333.D)	
Level: (low/me	d) LOV	V		Da	te Received:	02/28/06	6	
% Moisture: no	dec.			Da	te Analyzed:	03/10/06	6	
GC Column:	DB-624 II	D: <u>0.18</u> (r	nm)	Dil	ution Factor:	1.0		
Soil Extract Vol	ume:	(uL)		So	il Aliquot Volu	ime:		(uL)
	x		CON	CENTRAT	ION UNITS:			
CAS NO.	С	OMPOUND	(ug/L	or ug/Kg)	UG/L		Q	•
106-46-7		1,4-Dichlorob	enzene			1	U	
95-50-1		1,2-Dichlorob	enzene			1	<u> </u>	
96-12-8		1,2-Dibromo-	3-chloropro	pane		1	<u> </u>	
120-82-1		1,2,4-Trichlor	obenzene			1	<u> </u>	
87-68-3		Hexachlorob	utadiene			1	U	-
87-61-6		1,2,3-Trichlor	obenzene	·		1	<u> </u>	

				1E							
	١	/OLATILE	E ORGAN	ICS ANAL	YSIS DATA	SHEET	•	EPA S	AMPLE	NO.	
		TENTA	TIVELY I	DENTIFIE	D COMPOL	JNDS					
Lab Name:	CAS/RC	СН			Contract:	IT-LATI	HAM	TRI	P BLAN	K	
Lab Code:	10145	C	ase No.:	R6-30515	SAS No	.:	SC	DG No.:	MRFA	DUPL	ICATE
Matrix: (soil/v	vater)	WATER			Lat	o Sample	e ID:	885144	1.0		
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lat	File ID:		T6333.D)		
Level: (low/n	ned)	LOW			Dat	te Receiv	ved:	02/28/06	6	• 4	
% Moisture: r	not dec.				Dat	te Analyz	zed:	03/10/06	6		
GC Column:	DB-624	4 ID: (<u>).18 (n</u>	nm)	Dilu	ution Fac	ctor:	1.0			
Soil Extract V	/olume: _		(uL)		Soi	l Aliquot	Volur	ne:		(uL)	
				CON	ICENTRAT		ITS:				
Number TICs	found:	0		(ug/l	. or ug/Kg)	UG	/L				
CAS NO.		COMPC	UND			RT	ES	T. CONC). 	, Q	

		1A				EPA SA	MPLE NO	
	VOL	_ATILE ORGANICS	ANALYSIS D	ATA SHEE	T			٦
Lab Name:	CAS/ROCH	4	Contra	act: IT-LA	ТНАМ	COOLE		ζ.
	40445	Case No · P6	30515 54	S No :	SD	G No · M		PLICATE
Lab Code:	10145		<u>30313</u> 3A	J INO				Liente
Matrix: (soil/w	ater) <u>W</u>	ATER		Lab Samp	le ID:	885145 1.	0	
Sample wt/vol	: <u>25</u>	5.0 (g/ml) <u>ML</u>	•	Lab File II	D:	T6342.D		
Level: (low/m	ed) <u>LC</u>	DWW		Date Rece	eived:	02/28/06		
% Moisture: n	ot dec.			Date Anal	yzed:	03/10/06		
GC Column:	DB-624	ID: 0.18 (mm)		Dilution Fa	actor:	1.0		•
		(ul.)		Soil Alique	nt Volun	ne:	(i	4.)
Soll Extract Vo	olume:	(uL)		Oon Mique			(0	
			CONCENT					·
			CONCEINT		0/I			
CAS NO.		COMPOUND	(ug/L or ug	(Kg) <u>U</u>	G/L		Q	
						4		
74-87-3	3	Chloromethane				4		
75-01-4		Vinyi Chioride				4	<u> </u>	4
74-83-9		Bromomethane				1		
75-00-3	8					1		
75-69-4		I richiorofiuorome				1	U 11	
75-35-4		1,1-Dicnioroetnen	<u>e</u>			5		
67-64-1		Acetone				1		
75-15-0)	Carbon Disulfide	r			1	<u> </u>	
75-09-2	2	Methylene Chlorid				1		
156-60-	-5	trans-1,2-Dichloro	etnene			1	<u> </u>	
75-34-3	8	1,1-Dichloroethan	e			1	<u> </u>	
156-59-	-2	cis-1,2-Dichloroet	nene			1 E		-
78-93-3	8	2-Butanone (MEK)					
74-97-5	5	Bromochlorometh	ane			1	<u> </u>	
67-66-3	<u> </u>	Chlorotorm					<u> </u>	
107-06-	-2	1,2-Dichloroethan	e					
71-55-6		1,1,1-I richioroeth	ane			4		
56-23-5	j	Carbon tetrachiori	ae			4		
71-43-2		Benzene			_ -	4		
79-01-6		I richloroethene			· · ·	4	<u> </u>	
78-87-5		1,2-Dichloropropa	ne					
75-27-4		Bromodichiorome	nane					
<u>10061-0</u>	01-5	cis-1,3-Dichloropr	opene			5	<u> </u>	· .
108-10-	.1	4-Methyl-2-Pentar	none			3 1	<u>U</u>	
108-88-	.3	I oluene					<u> </u>	
10061-0	02-6	trans-1,3-Dichloro	propene		~	4	<u> </u>	
79-00-5		1,1,2-Irichloroeth	ane	·····				
127-18-	4	Tetrachloroethene	}					
591-78-	-6	2-Hexanone				5	<u> </u>	
124-48-	1	Dibromochlorome	hane			1	<u> </u>	
106-93-	4	1,2-Dibromoethan	e	·		1	<u> </u>	
108-90-	7	Chlorobenzene				1	<u> </u>	
100-41-	4	Ethylbenzene				1	<u> </u>	
1330-20)-7	(m+p) Xylene			····.		<u> </u>	
1330-20)-7	o-Xylene				1	<u>U</u>	
100-42-	5	Styrene				1	U	
79-34-5		1,1,2,2-Tetrachlor	bethane				U	
75-25-2		Bromoform				1	U	
541-73-	1	1,3-Dichlorobenze	ne			1	U	

		1	A			EPA SA	MPLE N	0.
n de la composición d Recentra de la composición de la composi Recentra de la composición de la	VOLA	TILE ORGANIC	S ANALYS	SIS DATA	SHEEI	COOLE		ĸ
Lab Name:	CAS/ROCH	F	C	Contract:	IT-LATHAM	_ L		
Lab Code:	10145	Case No.: R	6-30515	SAS No.	: S	DG No.: I		JPLICATE
Matrix: (soil/wa	ater) <u>WA</u>	TER		Lab	Sample ID:	885145 1	.0	
Sample wt/vol	: 25.0	(g/ml) <u>N</u>	1L	Lab	File ID:	T6342.D		
Level: (low/m	ed) LOV	V		Date	e Received:	02/28/06		
% Moisture: n	ot dec.			Date	e Analyzed:	03/10/06		
GC Column:	DB-624 II	D: <u>0.18</u> (mm)	Dilu	tion Factor:	1.0		
Soil Extract Vo	olume:	(uL)		Soil	Aliquot Volu	me:		(uL)
			CONC	ENTRATI	ON UNITS:			
CAS NO.	С	OMPOUND	(ug/L c	or ug/Kg)	UG/L		Q	
106-46-	7	1,4-Dichloroben	zene		· · · · · · · · · · · · · · · · · · ·	1	U	- · ·
95-50-1		1,2-Dichloroben	zene			1	U	
96-12-8		1,2-Dibromo-3-c	hloroprop	ane		1	U	
120-82-	1	1,2,4-Trichlorobe	enzene			. 1	U]
87-68-3		Hexachlorobutad	diene			1	Ű]
87 61 6		1 2 3-Trichlorobe	anzene	-		1	ŧ]

				1E IICS ANALY	YSIS DATA S	HEET	FPA S		NO
TENTATIVELY IDENTIFIED COMPOUNDS									
Lab Name:	CAS/R	ОСН			Contract: IT	-LATHAN		ER BL/	ANK
Lab Code:	10145	Cas	se No.:	R6-30515	SAS No.:		SDG No.:	MRFA	DUPLICATE
Matrix: (soil/w	vater)	WATER	_		Lab S	ample ID:	885145	1.0	
Sample wt/vo	d:	25.0	(g/ml)	ML	Lab F	ile ID:	T6342.D)	
Level: (low/m	ned)	LOW			Date I	Received:	02/28/06	6	
% Moisture: n	not dec.				Date /	Analyzed:	03/10/06	6	
GC Column:	DB-62	4 ID: <u>0.1</u>	8_ (n	nm)	Dilutio	n Factor:	1.0		
Soil Extract V	olume:		_ (uL)		Soil A	liquot Vol	ume:		(uL)
				CON	CENTRATIO	N UNITS:			
Number TICs	found:	0	_	(ug/L	or ug/Kg)	UG/L			
CAS NO.		COMPOU	ND		R	T E	ST. CONC		à

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name:	CAS/ROCH		Contract: IT-LATH	IAM
Lab Code:	10145	Case No.: R6-30515	SAS No.:	SDG No .: MRFA DUPLICATE

	EPA	SMC1	TOT
	SAMPLE NO.	#	OUT
01	LCS01	100	0
02	VBLK01	106	0
03	EFFLUENT	105	0
04	DUPLICATE	107	0
05	TRIP BLANK	103	0
06	INFLUENT	100	0
07	DUPLICATED	102	0
08	INFLUENTDL	98	0
09	INFLUENTDLN	IS 101	0
10	INFLUENTDLM	SD 96	0
11	COOLER BLAN	/K 103	· 0

SMC1

= 4-Bromofluorobenzene

QC LIMITS (80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM II VOA-1

OLC 2.1

ЗA

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	CAS/ROCH	(Contract: IT-LATHA			
Lab Code:	10145	Case No.: <u>R6-30515</u>	SAS No.:	SDG No.:	MRFA DUPLICATE	
Matrix Spike	- EPA Sample I	No.: LCS01				

	SPIKE	SAMPLE	MS	MS	QC
	ADDED	ADDED CONCENTRATION CONCENTRATION		%	LIMITS .
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Vinyl Chloride	5.0	0.0	4.5	90	60 - 140
1,2-Dichloroethane	5.0	0.0	5.0	100	60 - 140
Carbon tetrachloride	5.0	0.0	4.8	96	60 - 140
Benzene	5.0	0.0	5.1	102	60 - 140
Trichloroethene	5.0	0.0	5.1	102	60 - 140
1,2-Dichloropropane	5.0	0.0	5.2	104	60 - 140
cis-1,3-Dichloropropene	5.0	0.0	5.2	104	60 - 140
1,1,2-Trichloroethane	5.0	0.0	5.0	100	60 - 140
Tetrachloroethene	5.0	0.0	4.9	98	60 - 140
1,2-Dibromoethane	5.0	0.0	5.5	110	60 - 140
Bromoform	5.0	0.0	5.2	104	60 - 140
1,4-Dichlorobenzene	5.0	0.0	5.0	100	60 - 140

.

VOLATILE ORGANICS ANALYSIS DATA SHEET Lab Name: CAS/ROCH Contract: IT-LATHAM Lab Code: 10145 Case No: R6-30515 SAS No: SDG No: MRFA DU/L (CATE Matrix: (soil/water) WATER Lab Sample UD: 892184 1.0 Sample w/vol: 25.0 (g/ml) ML Lab File ID: T5326.D Level: (low/med) LOW Date Received:							EPA SAMPLE NO.		
Lab Name CASIROCH Contract: TPLATHAM	VOLATILE ORGANICS ANALYSIS DATA SHEET					EET	LCS01		
Lab Code: 10145 Case No.: SAS No.: SDG No.: MRFA DUPLICATE Matrix: (solil/vater) WATER Lab Sample ID: 892184 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab Sample ID: 892184 1.0 Levet: (low/med) LOW Date Analyzed: 03/10/06 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soll Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87.3 Chicromethane 4 74-83.9 Bromomethane 4 75-80-4 Trichorosthane 5 U 75-80-4 1.1-Dichicrosthane 5 75-80-8 Dromomethane 5 U 75-80-2 Methylene Chioride 5 75-80-9 Carbon Disulfide 1 U 75-80-3 1.1-Dichiorosthane 5 75-80-2 Carbon Disulfide 5 1	Lab Name:	CAS/RO	СН	Co	ntract: IT-l				
Matrix: (soil/water) WATER Lab Sample ID: 892184 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab Sille ID: 16326.D Lavei: (lowined) LOW Date Received:	Lab Code:	10145	Case No.: R6-	30515 \$	SAS No.:	SI	DG No.:	MRFA D	DUPLICATE
Sample wt/vol: 25.0 (g/ml) Lab File ID: T6326.D Level: (low/med) LOW Date Received:	Matrix: (soil/	water)	WATER		Lab Sa	mple ID:	892184	1.0	
Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 03/10/06 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 4 - - - - 76-90-3 Chloromethane 4 - - - - - 75-89-4 Trichlorofluoromethane 4 -	Sample wt/vo	ol:	25.0 (g/ml) ML		Lab File	D:	T6326.E)	
Basel Control Lots Date Realyzed: 03/10/06 % Moisture: not dec.	level: (low/r	ned) l	\ <u> </u>		Date R	aceived:			
Windesture: Date Analyzed: US1006 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soll Extract Volume:									•
GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume:	% Moisture: I	not dec.	·		Date Ar	halyzed:	03/10/06	<u> </u>	
Soil Extract Volume:	GC Column:	DB-624	_ ID: <u>0.18</u> (mm)		Dilution	Factor:	1.0		
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108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 5 1 10061-02-6 trans-1,3-Dichloropropene 5 1 10061-02-6 trans-1,3-Dichloropropene 5 1 79-00-5 1,1,2-Trichloroethane 5 1 127-18-4 Tetrachloroethene 5 1 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 5 1 106-93-4 1,2-Dibromoethane 6 1 108-90-7 Chlorobenzene 5 1 100-41-4 Ethylbenzene 5 10 1330-20-7 (m+p) Xylene 10 1 1330-20-7 o-Xylene 5 1 100-42-5 Styrene 5 1 79-34-5 1,1,2,2-Tetrachloroethane 6 1 75-25-2 Bromoform 5 5 541-73-1 1,3-Dichlorobenzene 5 5	10061-0	01-5	cis-1,3-Dichloropro	bene			5		
108-88-3 Toluene 5 10061-02-6 trans-1,3-Dichloropropene 5 79-00-5 1,1,2-Trichloroethane 5 127-18-4 Tetrachloroethene 5 591-78-6 2-Hexanone 5 106-93-4 1,2-Dibromochloromethane 5 106-93-4 1,2-Dibromoethane 6 108-90-7 Chlorobenzene 5 100-41-4 Ethylbenzene 5 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	108-10-	1	4-Methyl-2-Pentanc	ne			5	U	
10061-02-6 trans-1,3-Dichloropropene 5 79-00-5 1,1,2-Trichloroethane 5 127-18-4 Tetrachloroethene 5 591-78-6 2-Hexanone 5 124-48-1 Dibromochloromethane 5 106-93-4 1,2-Dibromoethane 6 108-90-7 Chlorobenzene 5 130-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	108-88-	3	Toluene				5		
79-00-5 1,1,2-Trichloroethane 5 127-18-4 Tetrachloroethene 5 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 5 U 106-93-4 1,2-Dibromoethane 6 0 108-90-7 Chlorobenzene 5 0 100-41-4 Ethylbenzene 5 0 1330-20-7 (m+p) Xylene 10 0 1330-20-7 o-Xylene 5 0 100-42-5 Styrene 5 0 79-34-5 1,1,2,2-Tetrachloroethane 6 0 75-25-2 Bromoform 5 5 541-73-1 1,3-Dichlorobenzene 5 5	10061-0)2-6	trans-1,3-Dichlorop	ropene			5		
127-18-4 Tetrachloroethene 5 591-78-6 2-Hexanone 5 124-48-1 Dibromochloromethane 5 106-93-4 1,2-Dibromoethane 6 108-90-7 Chlorobenzene 5 100-41-4 Ethylbenzene 5 1330-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	79-00-5		1,1,2-Trichloroethar	ne			5		· · ·
591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 5 1 106-93-4 1,2-Dibromoethane 6 1 108-90-7 Chlorobenzene 5 1 100-41-4 Ethylbenzene 5 10 1330-20-7 (m+p) Xylene 10 1 1330-20-7 o-Xylene 5 1 100-42-5 Styrene 5 1 79-34-5 1,1,2,2-Tetrachloroethane 6 1 75-25-2 Bromoform 5 5 1 541-73-1 1,3-Dichlorobenzene 5 5	127-18-	4	Tetrachloroethene				5		-
124-48-1 Dibromochlorometnane 5 106-93-4 1,2-Dibromoethane 6 108-90-7 Chlorobenzene 5 100-41-4 Ethylbenzene 5 1330-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	591-78-	6	2-Hexanone					<u> </u>	4
106-93-4 1,2-Differingentiatie 6 108-90-7 Chlorobenzene 5 100-41-4 Ethylbenzene 5 1330-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	124-48-	1	1.2 Dibromocniorometh	ane			5		4
108-s0-7 Chloroberizene 5 100-41-4 Ethylbenzene 5 1330-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	108-93-	7	Chlorobonzono				5		-
100-41-4 Lanybenzene 5 1330-20-7 (m+p) Xylene 10 1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	100-41-	/	Ethylbenzene	·			5 F	•	
1330-20-7 o-Xylene 5 100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	1330-20	-7	(m+n) Xvlene						
100-42-5 Styrene 5 79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	1330-20	-7	o-Xvlene				5		1
79-34-5 1,1,2,2-Tetrachloroethane 6 75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	100-42-5	5	Styrene				5		-
75-25-2 Bromoform 5 541-73-1 1,3-Dichlorobenzene 5	79-34-5		1.1.2.2-Tetrachloroe	thane			6		-
541-73-1 1,3-Dichlorobenzene 5	75-25-2		Bromoform				5	······································	1
	541-73-1		1,3-Dichlorobenzene)			5		1

FORMIVOA
				1A		OUFET	E	PA S	AMPLE	E NO.	
Lab Name:	CAS/RC		E ORGAN		Contract:	IT-LATH		1	LCS01		
Lab Code:	10145		Case No.:	R6-30515	SAS No	.:	SDG	No.:	MRFA	DUP	LICATE
Matrix: (soil/w	ater)	WATEF	R		Lai	b Sample I	D: 89	2184	1.0		•
Sample wt/vol	:	25.0	(g/ml)	ML	Lal	b File ID:	Т6	326.C)		•
Level: (low/m	ed)	LOW			Da	te Receive	d:			-	
% Moisture: n	ot dec.				Da	te Analyze	d: 03/	10/06	3	-	*
GC Column:	DB-62	4 ID:	0.18 (n	nm)	Dilu	ution Facto	or: 1.0			-	
Soil Extract Vo	olume:		(uL)		Soi	I Aliquot V	olume:			_ _ (uL)
		•		CON	CENTRAT		S:			÷	
CAS NO.		CON	IPOUND	(ug/L	or ug/Kg)	UG/L		-	Q		
106-46-	7	1,4	-Dichlorob	enzene	-			5			•
95-50-1		1.2	-Dichlorob	enzene				5			
96-12-8		1.2	-Dibromo-:	B-chloropro	pane	·····		5			٠.
120-82-	1	1.2	4-Trichlor	obenzene				5			
87-68-3	-	He	cachiorobu	tadiene				5			
87-61-6		12	3-Trichlor	henzene				5			

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	CAS/ROCH	·	Contract: IT-LATHAM					
Lab Code:	10145	Case No.: R6-30515	SAS No.:	SDG No.:	MRFA DUPLICATE			
Matrix Spike	- EPA Sample I	No.: INFLUENTDL	_					

	SPIKE	SAMPLE	MS	MS	QC
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L) (ug/L)		REC #	REC.
Vinyl Chloride	10	0.0	9.3	93	60 - 140
1,2-Dichloroethane	10	0.0	10	100	60 - 140
Carbon tetrachloride	10	41	49	83	60 - 140
Benzene	10	0.0	10	100	60 - 140
Trichloroethene	10	26	35	94	60 - 140
1,2-Dichloropropane	10	0.0	9.8	98	60 - 140
cis-1,3-Dichloropropene	10	0.0	10	100	60 - 140
1,1,2-Trichloroethane	10	0.0	10	100	60 - 140
Tetrachloroethene	10	0.0	10	100	60 - 140
1,2-Dibromoethane	10	0.0	10	100	60 - 140
Bromoform	10	0.0	10	100	60 - 140
1,4-Dichlorobenzene	10	0.0	10	100	60 - 140

	SPIKE	MSD	MSD			
	ADDED	CONCENTRATION	%	%	QCL	.IMITS
COMPOUND	(ug/L)	(ug/L)	REC #	RPD #	RPD	REC.
Vinyl Chloride	10	9.4	94	1	30	60 - 140
1,2-Dichloroethane	10	9.4	94	6	30	60 - 140
Carbon tetrachloride	10	49	80	0	30	60 - 140
Benzene	10	9.9	99	1	30	60 - 140
Trichloroethene	10	36	100	11	30	60 - 140
1,2-Dichloropropane	10	10	100	2	30	60 - 140
cis-1,3-Dichloropropene	10	9.9	99	1	30	60 - 140
1,1,2-Trichloroethane	10	9.7	97	3	30	60 - 140
Tetrachloroethene	10	10	100	0	30	60 - 140
1,2-Dibromoethane	10	10	100	0	30	60 - 140
Bromoform	10	9.5	95	5	30	60 - 140
1,4-Dichlorobenzene	10	10	100	0	30	60 - 140

 $\ensuremath{\texttt{\#}}$ Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 12 outside limits

Spike Recovery: 0 out of 24 outside limits

COMMENTS:

				EPA SAMPLE NO.			
Lob Nomo:				тнам	INFLU		ns
Lab Code:	10145	Case No.: <u>R6-30515</u>	SAS NO.:	SL	G NO.:	MRFA D	UPLICATE
Matrix: (soil/v	vater)	WATER	Lab Sam	ole ID:	892185 2	2.0	
Sample wt/vo	ol:	25.0 (g/ml) <u>ML</u>	Lab File I	D: _	T6339.D		
Level: (low/n	ned)	LOW	Date Rec	eived:	02/28/06		
% Moisture: r	not dec.		Date Ana	lyzed:	03/10/06		
GC Column:	DB-624	4_ ID: <u>0.18</u> (mm)	Dilution F	actor:	2.0		
Soil Extract V	/olume:	(uL)	Soil Aliqu	ot Volun	ne:		(uL)
		601					
01010				NITS:		O ¹	
CAS NO).	COMPOUND (ug/L	. or ug/Kg) <u>U</u>	G/L		Q	
74-87-	3	Chloromethane			9	D	
75-01-	4	Vinyl Chloride			9	D	
74-83-9	9	Bromomethane			8	D	
75-00-3	3	Chloroethane			10	D	
75-69-4	4	Trichlorofluoromethane			10	D	
75-35-4	4	1,1-Dichloroethene			11	D	
67-64-1	1	Acetone			6	JD	
75-15-0	0	Carbon Disulfide			2	U	_
75-09-2	2	Methylene Chloride			10	D	
156-60	-5	trans-1.2-Dichloroethene			10	D	
75-34-3	3	1.1-Dichloroethane			10	D	
156-59	-2	cis-1.2-Dichloroethene			10	D	
78-93-3	3	2-Butanone (MEK)	· · ·		10	Ū	-
74-97-5	5	Bromochloromethane			10	D	1
67-66-3	3	Chloroform			14	D	-
107-06	-2	1.2-Dichloroethane			10	D	-
71-55-6	3	1.1.1-Trichloroethane			10	D	
56-23-5	<u>, </u>	Carbon tetrachloride			49	D	1
71-43-2	>	Benzene			10	D	-
79-01-6	 }	Trichloroethene			35	D	
78-87-5	<u>,</u> ,	1.2-Dichloropropane		•	10	D	
75-27-4		Bromodichloromethane	-		10	D	-1
10061-0	01-5	cis-1.3-Dichloropropene			10	D	
108-10-	.1	4-Methyl-2-Pentanone			10	U	- '
108-88-	.3	Toluene			10	D	-
10061-0)2-6	trans-1.3-Dichloropropen	e		10	D	1
79-00-5		1.1.2-Trichloroethane			10	D	1
127-18-	4	Tetrachloroethene			10	D	-
591-78-	.6	2-Hexanone			10	Ū	-
124-48-	1	Dibromochloromethane			10	D	
106-93-	4	1.2-Dibromoethane			10	D	-
108-90-	.7	Chlorobenzene	· · · · ·		10	D	1
100-41-	4	Ethvlbenzene			10	D	-
1330-20)-7	(m+p) Xylene			21	 D	1
1330-20)-7	o-Xvlene			10	D	1
100-42-	5	Styrene			10	D	1
70_34_5	<u> </u>	1122-Tetrachloroethane	<u>, </u>		10	<u> </u>	1
75.25.2		Bromoform		·····	10	n	1
541-72-	1	1.3-Dichlorobenzene			10	<u> </u>	1

	1A VOLATILE ORGANICS ANALYSIS DATA SHEET						EPA S	EPA SAMPLE NO.		
Lab Name:	CAS/RC				Contract:	IT-LATHAN		JENTDL	.MS	
Lab Code:	10145	Ca	se No.:	R6-30515	SAS No	.:	SDG No.:	MRFA	DUPLICATE	
Matrix: (soil/w	vater)	WATER	_		Lat	Sample ID	: 892185	2.0		
Sample wt/vo	d:	25.0	(g/ml)	ML	Lat	File ID:	T6339.E)		
Level: (low/m	ned)	LOW			Dat	te Received:	: 02/28/06	3		
% Moisture: n	not dec.				Dat	te Analyzed:	03/10/06	3	-4	
GC Column:	DB-624	4_ ID: <u>0.1</u>	<u>8</u> (m	nm)	Dilu	ution Factor:	2.0			
Soil Extract V	olume:		_ (uL)		Soi	Aliquot Vol	ume:		(uL)	
				CON	CENTRAT	ION UNITS:				
CAS NO	•	COMPC	UND	(ug/L	or ug/Kg)	UG/L		Q		
106-46	-7	1,4-Die	chlorobe	enzene	J."		10	D		
95-50-1		1,2-Die	chlorobe	enzene			10	D		
96-12-8	3	1,2-Dil	promo-3	B-chloropro	pane	1	8	D	•	
120-82-	-1	1,2,4-1	richloro	benzene			10	D		
87-68-3	}	Hexac	hiorobu	tadiene			10	D		
87-61-6	;	1,2,3-1	richloro	benzene			10	D		

				EPA S		Ю.
l ab Name	CAS/ROC	CH	Contract IT-I ATHA		ENTDLM	SD
Lob Code:	10145	Case No : P6 2051				
	10140		<u></u> SAS NU	3DG NO		
Matrix: (soil/	water) <u>V</u>	NATER	Lab Sample I	D: <u>892186</u>	2.0	
Sample wt/v	ol: <u>2</u>	25.0 (g/ml) <u>ML</u>	Lab File ID:	T6340.D)	
Level: (low/r	ned) L	_OW	Date Received	d: 02/28/06	3	
% Moisture:	not dec.		Date Analyzed	1: 03/10/06	 }	
GC Column:	 DB-624	ID: 0.18 (mm)	Dilution Eactor	- 20		
		()		· <u>2.0</u>		
Soil Extract V		(UL)	Soil Aliquot Vo	lume:		(uL)
		Ċ.		.		
) :	_ ·	
CASINC).	COMPOUND (ug	/L or ug/Kg) UG/L		Q	
74-87-	3	Chloromethane		Q	D]
75-01-	<u> </u>	Vinvl Chloride	······	9		- ·
74-83-	9	Bromomethane		8		4 .
75-00-	3	Chloroethane		9	D	-
75-69-	4	Trichlorofluoromethane		9		-
75-35-	4	1.1-Dichloroethene		11		-1
67-64-	<u>.</u> 1	Acetone	•	10		1
75-15-	0	Carbon Disulfide		2		-
75-09-	2	Methylene Chloride		10		-
156-60	-5	trans-1 2-Dichloroether		10		-
75-34-	3	1 1-Dichloroethane		10		4
156-50	<u>.</u> _2	cis-1 2-Dichloroethane		10		
78-03-	3	2-Butanone (MEK)	· · · · · · · · · · · · · · · · · · ·	10		-
74-07-	5	Bromochloromethane		10		4
67.66	2	Chloroform		10		-
107.06	<u>,</u> 	1.2-Dichloroothono		14		-
71 55 6	-2	1 1 1-Trichloroothana		9		4
<u> </u>	· · · · · · · · · · · · · · · · · · ·	Carbon tetraphlarida		10		
71 42)	Bonzono		49		
70.01 6	<u>.</u>	Triphoroothono		10		
79-01-0	;					
75.07)	Remediablesemethers		10		
10061) 04 E	Biomodichioromethane		10		
10001-0	4	4 Methyl 2 Deptember	· · · · · · · · · · · · · · · · · · ·	10		
100-10-	·1	Teluene		10		
100-00-	· <u> </u>			10		
70.00	<u>JZ-0</u>	1 4 0 Trichlans ath	ne	10		
79-00-5) 			10	D	
127-18-	4	l etrachioroethene		10	<u>D</u>	
591-78-	0	2-Hexanone		10	U	
124-48-	1	Dibromocnioromethane		10	<u>D</u>	
106-93-	4	1,2-Dibromoethane		10	D	
108-90-	1			11	D	
100-41-	4			11	D	
1330-20	<u>-7</u>	(m+p) Xylene		20	D	
1330-20	-7	o-Xylene	······	10	D	
100-42-	5	Styrene		10	D	
79-34-5		1,1,2,2-Tetrachloroethan		10	D	
75-25-2		Bromoform		10	D	
541-73-	1	1,3-Dichlorobenzene		10	D	

-			1A		OUEET	EPA S	AMPLE	NO.
l sh blomet				SIS DATA		INFLU	ENTDLN	ISD
Lab Name:	CAS/RUCI	<u> </u>	`	SUM act.		_ L		
Lab Code:	10145	Case No.:	R6-30515	SAS No	.: S	DG No.:	MRFA [DUPLICATE
Matrix: (soil/v	vater) <u>W</u>	ATER		Lab	Sample ID:	892186	2.0	
Sample wt/vo	ol: <u>2</u> 5	5.0 (g/ml)	ML	Lat	File ID:	T6340.D)	
Level: (low/n	ned) L(W		Dat	e Received:	02/28/06	}	
% Moisture: r	not dec.			Dat	e Analyzed:	03/10/06	6	
GC Column:	DB-624	ID: 0.18 (m	m)	Dilu	ition Factor:	2.0	·	
Soil Extract V	/olume:	(uL)		Soi	l Aliquot Volu	me:		(uL)
			CON	CENTRAT	ION UNITS:			
CAS NO).	COMPOUND	(ug/L	or ug/Kg)	UG/L		Q	•
106-46)-7	1,4-Dichlorobe	enzene			10	D	
95-50-	1	1,2-Dichlorobe	enzene			11	D	
96-12-	8	1,2-Dibromo-3	-chloroprop	bane		9	D	
120-82	2-1	1,2,4-Trichloro	benzene			10	D	
87-68-3	3	Hexachlorobu	tadiene			11	D	
87-61-	6	1,2,3-Trichlord	benzene			11	D	

		4A		EPA SAMPLE NO.
r.	VC	DLATILE METHOD BLA	NK SUMMARY	
Lab Name:	CAS/ROCH	· · · · · · · · · · · · · · · · · · ·	Contract: IT-LATHAM	VDLNUI
Lab Code:	10145	Case No.: R6-30515	5 SAS No.: S	DG No .: MRFA DUPLICATE
Lab File ID:	T6328.D		Lab Sample ID:	892183 1.0
Date Analyze	ed: 03/10/06		Time Analyzed:	11:26
GC Column:	DB-624 ID	. <u>0.18</u> (mm)	Heated Purge:	(Y/N) <u>N</u>
Instrument ID): GCMS#6			

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	LCS01	892184 1.0	T6326.D	10:13
02	EFFLUENT	885142 1.0	T6331.D	13:19
03	DUPLICATE	885141 1.0	T6332.D	13:56
04	TRIP BLANK	885144 1.0	T6333.D	14:33
05	INFLUENT	885143 1.0	T6336.D	16:25
06	DUPLICATEDL	885141 2.0	T6337.D	17:02
07	INFLUENTDL	885143 2.0	T6338.D	17:39
08	INFLUENTDLMS	892185 2.0	T6339.D	18:16
09	INFLUENTDLMSD	892186 2.0	T6340.D	18:53
10	COOLER BLANK	885145 1.0	T6342.D	20:07

COMMENTS

				EPA S	AMPLE I	NO.
Lab Nan	ne: CAS/RO	VOLATILE ORGANICS ANAL	YSIS DATA SHEET	v 🗸	BLK01	
	le: 10145	Case No : R6-3051				LIDI ICATE
				3DG NO		OFLICATE
Matrix: (soil/water)	WATER	Lab Sample ID	: <u>892183</u>	1.0	
Sample	wt/vol:	25.0 (g/ml) ML	Lab File ID:	T6328.E)	
Level: (I	low/med)	LOW	Date Received	:		
% Moistu	ure: not dec.		Date Analyzed	: 03/10/06	3	
GC Colu	ımn: DB-62	4 ID: 0.18 (mm)	Dilution Factor	1.0		
Soil Extra	act Volume:	(uL)	Soil Aliquot Vol	ume:		(uL)
			· · · · · · · · · · · · · · · · · ·			()
		CO	NCENTRATION UNITS	:		
CAS	S NO.	COMPOUND (ug/	Lorug/Kg) UG/L		Q	
·	: <u></u>					· .
74	-87-3	Chloromethane		1	U	
75	5-01-4	Vinyl Chloride		1	U	
74	-83-9	Bromomethane		1	U	
75	-00-3	Chloroethane		1	U	
75	-69-4	Trichlorofluoromethane		1	<u> </u>	
75	-35-4	1,1-Dichloroethene		1	U	_
67	<u>'-64-1</u>	Acetone		5	<u> </u>	
75	-15-0	Carbon Disulfide		1	<u> </u>	
75	-09-2	Methylene Chloride		1	U	
15	6-60-5	trans-1,2-Dichloroethene	e	1	U	
75	-34-3	1,1-Dichloroethane		1	U	
15	6-59-2	cis-1,2-Dichloroethene		1	U	
78	-93-3	2-Butanone (MEK)	•	5	U	
74	-97-5	Bromochloromethane		1	U	
67	-66-3	Chloroform		1	U	7
10	7-06-2	1,2-Dichloroethane		1	U	
71	-55-6	1,1,1-Trichloroethane		1	U	
56	-23-5	Carbon tetrachloride		1	U.	-
71-	-43-2	Benzene		1	U	
79-	-01-6	Trichloroethene	· ·	1	U	
78-	-87-5	1,2-Dichloropropane		1	Ŭ	
75-	-27-4	Bromodichloromethane		1	Ŭ	-
100	061-01-5	cis-1,3-Dichloropropene		1	Ŭ	1
108	8-10-1	4-Methyl-2-Pentanone		5	<u> </u>	1 .
108	8-88-3	Toluene	· · · · · · · · · · · · · · · · · · ·	1	<u> </u>	
100	061-02-6	trans-1.3-Dichloropropen	e	1	- u	-
79-	-00-5	1.1.2-Trichloroethane		1	- ŭ	-
127	7-18-4	Tetrachloroethene	······	1		- ·
591	1-78-6	2-Hexanone		5	<u> </u>	4
124	1_48_1	Dibromochloromethane		1	<u> </u>	
106	3_03_4	1 2-Dibromoethane		1		- ·
100	2-00-7	Chlorobenzene	· · · ·	<u> </u>		1
100)_/1_/	Ethylbenzepe		I 1		-
100	<u>/-41-4</u>			<u>I</u>	<u> </u>	-
133	0.007			<u> </u>	<u> </u>	4
133	00-20-7		· · · · · · · · · · · · · · · · · · ·	1	U 	-
100	<u>J-42-5</u>	Styrene		1	<u> </u>	-
79-	34-5	1,1,2,2-1 etrachloroethane	3	1	U	ļ
75-2	25-2	Bromotorm		1	U	
541	-73-1	1,3-Dichlorobenzene		1	U	

		1/	4			EPA SA	MPLE	NO.
	VOLAT	FILE ORGANICS	S ANALYSI	IS DATA SH	HEET			
Lab Name:	CAS/ROCH	1	Co	ontract: IT	-LATHAM	VE	BLK01	* *
Lab Code:	10145	Case No.: R6	-30515	SAS No.: _	S	DG No.:	MRFA [DUPLICATE
Matrix: (soil/w	vater) WAT	ER		Lab Sa	ample ID:	892183 1	.0	
Sample wt/vo	l: 25.0	(g/ml) M	L	Lab Fi	le ID:	T6328.D		
Level: (low/m	ned) LOW			Date F	Received:			
% Moisture: r	not dec.			Date A	Analyzed:	03/10/06		
GC Column:	DB-624 ID	: 0.18 (mm))	Dilutio	n Factor:	1.0		
Soil Extract V	olume:	(uL)	×	Soil Al	iquot Volu	me:		(uL)
			CONCE	ENTRATIO	N UNITS:			
CAS NO	. Co	OMPOUND	(ug/L or	r ug/Kg)	UG/L		Q	
106-46	-7	1,4-Dichlorobenz	zene			1	U	
95-50-	1 .	1,2-Dichlorobenz	ene			1	U	
96-12-0	8	1,2-Dibromo-3-cl	hloropropa	ne		1	U	
120-82	-1 *	1,2,4-Trichlorobe	enzene			. 1	U	
87-68-3	3 I	-lexachlorobutad	liene			1	U	
87-61-6	6	1,2,3-Trichlorobe	enzene			1	U	

1,2,3-Trichlorobenzene

87-61-6

				1E							
	,	VOLATILE	ORGAN	ICS ANAL	SIS DATA	SHEET		EPA SA	AMPLE	NO.	
		TENTAT	VELY I	DENTIFIED	COMPOL	JNDS					
Lab Name:	CAS/RC	ОСН			Contract:	IT-LATH	٩M		3LKU1	2	
Lab Code:	10145	Ca	se No.:	R6-30515	SAS No		SD	G No.:	MRFA	DUPLI	CATE
Matrix: (soil/v	vater)	WATER	_		Lat	Sample I	D: 8	892183 1	.0	_	
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lat	File ID:	_	T6328.D		-	
Level: (low/n	ned)	LOW	-		Dat	te Receive	ed: _				
% Moisture: r	not dec.				Dat	te Analyze	ed: _(03/10/06		_	
GC Column:	DB-62	4 ID: <u>0.1</u>	8 (n	nm)	Dik	ution Facto	or:	1.0		_	
Soil Extract V	/olume:		_ (uL)		Soi	l Aliquot V	'olum	ne:		(uL)	
				CON	CENTRAT	ION UNIT	S:				
	1			(uo/l	or ua/Ka)	UG/L					
Number TICs	found:	0		(-9-							
		COMPOU				DŤ	EOT			`	
CAS NO.		COMPOU					E91	. CONC	•	ų	

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name:	CAS/ROCH			Contract:	IT-LATHA	<u>N</u>			
Lab Code:	10145	Case No.:	R6-30515	SAS No.		SDG N	lo.: <u>MRFA</u>	DUPLI	CATE
Lab File ID:	T6314.D			BFE	B Injection I	Date:	03/09/06		
Instrument II	D: GCMS#6			BFE	3 Injection	Time:	14:31		
GC Column:	DB-624	ID: 0.18	(mm)	Hea	ted Purge:	(Y/N)	<u>N</u>	4	
						%	RELATIVE		
m/e	ION ABU	NDANCE CRI	TERIA			AE	BUNDANCE		

m/e	ION ABUNDANCE CRITERIA	ABUNDANCE
50	8.0 - 40.0% of mass 95	19.1
75	30.0 - 66.0% of mass 95	54.9
95 [.]	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.7 (0.8)1
174	50.0 - 120.0% of mass 95	88.0 '
175	4.0 - 9.0% of mass 174	6.8 (7.7)1
176	93.0 - 101.0% of mass 174	85.4 (97.0)1
177	5.0 - 9.0% of mass 176	5.0 (5.9)2
		1- 0/ 470

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

Γ	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	VSTD001/025	VSTD001/005	T6316.D	03/09/06	17:01
02	VSTD002/010	VSTD002/010	T6317.D	03/09/06	17:39
03 [VSTD005/025	VSTD005/025	T6318.D	03/09/06	18:16
04	VSTD010/025	VSTD010/050	T6319.D	03/09/06	18:59
05	VSTD025/125	VSTD025/125	T6320.D	03/09/06	19:36

5A VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name:	CAS/ROCH			Contract: IT-LAT	HAM		
Lab Code:	10145	Case No.:	R6-30515	SAS No.:		Io.: MRFA DUP	LICATE
Lab File ID:	T6324.D			BFB Injecti	ion Date:	03/10/06	-
Instrument ID	: GCMS#6			BFB Inject	ion Time:	08:53	-
GC Column:	DB-624	ID: 0.18	(mm)	Heated Pu	rge: (Y/N)	<u>N</u>	

		% RELATIVE
m/e	ION ABUNDANCE CRITERIA	ABUNDANCE
50	8.0 - 40.0% of mass 95	22.4
75	30.0 - 66.0% of mass 95	52.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.3 (0.3)1
174	50.0 - 120.0% of mass 95	91.5
175	4.0 - 9.0% of mass 174	7.2 (7.9)1
176	93.0 - 101.0% of mass 174	89.4 (97.7)1
177	5.0 - 9.0% of mass 176	6.5 (7.3)2
		- 1- 0/ 430

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA	LAB	LAB	DATE	TIME
SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
VSTD	VSTD	T6325.D	03/10/06	09:31
LCS01	892184 1.0	T6326.D	03/10/06	10:13
VBLK01	892183 1.0	T6328.D	03/10/06	11:26
EFFLUENT	885142 1.0	T6331.D	03/10/06	13:19
DUPLICATE	885141 1.0	T6332.D	03/10/06	13:56
TRIP BLANK	885144 1.0	T6333.D	03/10/06	14:33
INFLUENT	885143 1.0	T6336.D	03/10/06	16:25
DUPLICATEDL	885141 2.0	T6337.D	03/10/06	17:02
INFLUENTDL	885143 2.0	T6338.D	03/10/06	17:39
INFLUENTDLMS	892185 2.0	T6339.D	03/10/06	18:16
INFLUENTDLMS	892186 2.0	T6340.D	03/10/06	18:53
COOLER BLANK	885145 1.0	T6342.D	03/10/06	20:07
	EPA SAMPLE NO. VSTD LCS01 VBLK01 EFFLUENT DUPLICATE TRIP BLANK INFLUENT DUPLICATEDL INFLUENTDL INFLUENTDLMS INFLUENTDLMS COOLER BLANK	EPA LAB SAMPLE NO. SAMPLE ID VSTD VSTD LCS01 892184 1.0 VBLK01 892183 1.0 EFFLUENT 885142 1.0 DUPLICATE 885141 1.0 TRIP BLANK 885143 1.0 DUPLICATE 885143 1.0 INFLUENT 885143 2.0 INFLUENTDL 885143 2.0 INFLUENTDLMS 892185 2.0 INFLUENTDLMS 892186 2.0 COOLER BLANK 885145 1.0	EPA LAB LAB SAMPLE NO. SAMPLE ID FILE ID VSTD VSTD T6325.D LCS01 892184 1.0 T6326.D VBLK01 892183 1.0 T6328.D EFFLUENT 885142 1.0 T6331.D DUPLICATE 885141 1.0 T6332.D TRIP BLANK 885144 1.0 T6333.D INFLUENT 885143 1.0 T6336.D DUPLICATEDL 885143 2.0 T6337.D INFLUENTDL 885143 2.0 T6339.D INFLUENTDLMS 892185 2.0 T6339.D INFLUENTDLMS 892186 2.0 T6340.D COOLER BLANK 885145 1.0 T6342.D	EPALABLABDATESAMPLE NO.SAMPLE IDFILE IDANALYZEDVSTDVSTDT6325.D03/10/06LCS01892184 1.0T6326.D03/10/06VBLK01892183 1.0T6328.D03/10/06EFFLUENT885142 1.0T6331.D03/10/06DUPLICATE885141 1.0T6332.D03/10/06TRIP BLANK885143 1.0T6336.D03/10/06INFLUENT885143 1.0T6336.D03/10/06INFLUENT885143 2.0T6337.D03/10/06INFLUENTDL885143 2.0T6339.D03/10/06INFLUENTDLMS892185 2.0T6339.D03/10/06INFLUENTDLMS892186 2.0T6340.D03/10/06INFLUENTDLMS892186 2.0T6342.D03/10/06

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab N	Name: CAS/ROC	H		Contract:	T-LATHAM		
Lab C	Code: 10145	Case N	o.: <u>R6-30515</u>	5 SAS No.:	SDG	No.: MRFA	DUPLICATE
Lab F	File ID (Standard):	T6325.D			Date Analyze	d: 03/10/06	·
Instru	iment ID: GCMS#	#6			Time Analyze	d: <u>09:31</u>	
GC C	Column: DB-624	ID: 0.18	(mm)		Heated Purge	: (Y/N)	<u>N .</u>
		IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
	12 HOUR STD	508784	7.08	441548	9.75	228290	11.32
	UPPER LIMIT	1017568	6.58	883096	9.25	456580	10.82
	LOWER LIMIT	254392	7.58	220774	10.25	114145	11.82
	EPA SAMPLE						
	NO.						
01	LCS01	530791	7.08	444897	9.75	237715	11.32
02	VBLK01	513458	7.08	438510	9.75	219145	11.32
03	EFFLUENT	507076	7.08	444625	9.75	219472	11.32
04	DUPLICATE	502090	7.08	430829	9.75	216660	11.32
05	TRIP BLANK	505567	7.08	425634	9.75	211070	11.31
06	INFLUENT	508521	7.08	428802	9.75	209621	11.31
07	DUPLICATEDL	491417	7.08	425838	9.75	213661	11.31
08	INFLUENTDL	492172	7.08	405793	9.75	205286	11.32
09	INFLUENTDLMS	498705	7.08	429812	9.75	225503	11.32
10	INFLUENTDLMS	▶ 513010	7.08	429647	9.75	223173	11.32
11	COOLER BLAN	〈 494529	7.08	424756	9.75	213102	11.32

IS1 IS2

IS3

- = 1,4-Difluorobenzene= Chlorobenzene-d5
- = Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = - 50% of internal standard area RT UPPER LIMIT = +0.50 minutes of internal standard RT RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

FORM VIII VOA

APPENDIX B

LABORATORY DATA, GROUNDWATER SAMPLES (MAY 23 AND 24, 2006) AND LABORATORY DATA, INFLUENT/EFFLUENT WATER SAMPLES (MAY 23, 2006)



June 27, 2006

Mr. Brian Neumann Shaw Environmental 13 British American Blvd. Latham, NY 12110

Re: GE MRFA Project #810066 Submission # R2631842 SDG # 4D

Dear Mr. Neumann:

Enclosed is the analytical data report for the above referenced facility. A total of nineteen samples were received by our laboratory on May 24-25, 2006.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. The data package and summary package have been mailed to Judy Harry and the summary package only has been mailed to your attention and to Steve Meier. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice M. Jaeger Project Chemist

enc.

cc: Ms. Judy Harry Data Validation Services Cobble Creek Road North Creek, NY 12853 cc: Mr. Steve Meier GE Corporate Environmental Programs 319 Great Oaks Blvd. Albany, NY 12203



1 Mustard ST. Suite 250 Rochester, NY 14609 (585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client	:	Shaw E	nvi	ronmenta	ıl
Project Reference:	:	GE MRF	A	PROJECT	#810066
Lab Submission # :	:	R26318	42		
Project Manager	:	Janice	Ja	eger	
Reported	:	06/26/	06		

Report Contains a total of $\underline{113}$ pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.







ORGANIC QUALIFIERS

- U Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL.
- N Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P".
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- X As specified in Case Narrative.
- * This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited Delaware Accredited Connecticut ID # PH0556 Florida ID # E87674 Illinois ID #200047 Maine ID #NY0032 Massachusetts ID # M-NY032 Navy Facilities Engineering Service Center Approved Nebraska Accredited New Jersey ID # NY004 New York ID # 10145 New Hampshire ID # 294100 A/B Pennsylvania Registration 68-786 Rhode Island ID # 158 West Virginia ID # 292







INORGANIC QUALIFIERS

C (Concentration) qualifier -

- B if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U if the analyte was analyzed for, but not detected

O qualifier - Specified entries and their meanings are as follows:

- D Spike was diluted out
- E The reported value is estimated because the serial dilution did not meet criteria.
- J Estimated Value
- M Duplicate injection precision not met.
- N Spiked sample recovery not within control limits.
- S The reported value was determined by the Method of Standard Additions (MSA).
- W Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- Duplicate analysis not within control limits.
- +- Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited Delaware Accredited Connecticut ID # PH0556 Florida ID # E87674 Illinois ID #200047 Maine ID #NY0032 Massachusetts ID # M-NY032 Navy Facilities Engineering Service Center Approved Nebraska Accredited New Jersey ID # NY004 New York ID # 10145 New Hampshire ID # 294100 A/B Pennsylvania Registration 68-786 Rhode Island ID # 158 West Virginia ID # 292



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company www.caslab.com CAS Contact

SR #

OF_2

MRFA Project Number 810 0CC							ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager	Report CC		<u>ن</u> ا ا	17	PRE	SERVAT	IVE							1 01	•	150			T	T		
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CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAM DATE	IPLING TIME	MATRIX		19 19 19 19		500		ME14	META List List	5/ C	γ i	צ /י	Ĩ)			/			EMARKS	/ RIPTION
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270		(1400	1	5							χ	X	x					1			
27D MS			1405		3									x								
270 MS/MSD			1407	\square	5							x	x	x								
13 D			1300		2							X	X									
140			1140		3	L								X			ļ					
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MRFA Influent (MSD			749		3									X				ļ				
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SPECIAL INSTRUCTIONS/COMMENTS							TUR	NAROU BUSH (SI	ND REQU	JIREMEI	NTS		REP(ORT RI ilts Only	EQUIR ,	EMENT	rs		INV	OICE II	NFORMA	rion
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						-						—	V. Spei	calized l	Forms /	Custom	Report					
SAMPLE RECEIPT: CONDITION/COO	LER TEMP:		CUS	TODY SEA	LS: Y	N							Edata		Yes		No	SUE	JMISSION	#:		
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Distribution: White - Return to Originator: Yellow	- Lab Copy: Pink - Betained by Cl	ent																			S	COC-1102-0

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Project Manager ALE	Report CC				PRE	SERVA	TIVE								1								
Company/Address	<u> </u>	······································			INTAINERS		di	dp					ED Por		./		/	/	/	}		Preser 0. NO 1. HC 2. HN 3. Ho 4. Na 5. Zn.	vative Key NE L O ₃ SO ₄ OH Acetate
Phone #	FAX#				Ч С С		540	200	11602				SSOL	Ų,	/ /	/ .	/ ,	/ /	/		/	6. Me 7. Na	OH HSO ₄
Sampler's Signature	Sampler's Printed Nam	9			JMBER		S C S				000			0		X			/			8. Ou	lei
CLIENT SAMPLE ID	FOR OFFICE USE ONLY	SAM DATE	PLING TIME	MATRIX	ž	CCM.		200 200 200 200 200	PEST		METAL	METAL	[] }	5/d	r/c ⁴	S/			/		TERN		
MRFA Effluent		5/23/00	765	GW	3								x	(/	ſ	(<u> </u>	f	<u> </u>			OHPTION
Trip Blank		ł	·	\checkmark	3								Х							-			
DUPC	and the second second	3/23/a	4											X	X		-						
		• •																				-	
																	1.						
	· .																						
																						·	
					-																		
SPECIAL INSTRUCTIONS/COMMENTS Metals	PC æs ac r MarcFl YNY	ddea ana 5/3	das pan 24/06	ر ۱	· 4		TUF 24 2 REQUES	RNARC RUSH hr STANE STED F	OUND F (SURC) 4 DARD AX DAT	REQUIF HARGES B hr E - DATE	REMEN 3 APPLY 5	NTS () day	X	REP(_ I. Resu _ II. Resu (LCS, I _ III. Res Summ _ IV. Dat _ V. Spei	DRT R Its Only ults + Q DUP, MS ults + Q aries a Validat calized 1	EQUIR C Summ S/MSD a C and C tion Rep Forms /	EMENT naries is require Calibratio calibratio ort with Custom	ed) on Raw Dat Report	BIL	IL TO:	/OICE	INFORM	
SAMPLE RECEIPT: CONDITION/COOL	_ER TEMP:		CUS	TODY SEA	ALS: Y	' N								Edata		Yes		NO	Ľ				
RELINQUISHED BY	Imy Hite		REL	INQUISHED	BY				RECEN	VED BY	,			F	RELING	UISHE	D BY				REC	EIVED E	IΥ
Signature	inter my Gignature Amy Hen tschke Signature		Signature			Signature Printed Name				Signature													
Mare Flanagan Printed Name 45 Printed Name		Printed Name P			Firm																		
- Shaw	" Shaw Firm 5/24/06 1007 Firm		Pate (firm																				
Date/Time 5/23/06 630	ate/ I me	Di	ate/ l ime				Date/11m	e					Date/	ime					Dai	.e/ l ime			

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

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	Cooler Re	ceipt A	And P	eservation Checl	k Form	
roject/Client	<u>2FA-Shau</u>	J	S	ubmission Numbe	<u>rp262</u>	>1842
ooler received on_	5/24/06 by: 4	htt	COU	RIER: CAS U	PS FEDEX	VELOCITY CLIEN
Were custod Were custod Did all bottle Did any VOA Were Ice or I Where did th Temperature	y seals on outside y papers properly f s arrive in good co A vials have signif Ice packs present? e bottles originate of cooler(s) upon	of cool filled o onditio icant a ? receip	er? out (ink n (unb ir bubl t:	, signed, etc.)? roken)? bles?	YES YES YES YES CAS/R	NO NO NO NO NO OC. CLIENT
Is the temper	ature within 0° - 6	° Ć?:		Yes Yes	Yes	Yes Yes
If No, Expla	in Below		$\sum_{i=1}^{n}$	No No	No	No No
Date/Time T	emperatures Take	n: <	5/24/	06 1021		
Thermomete	r ID: 161 or			Reading From T	emn Blank	Or Sample Bottle
Did all bottle Were correct Air Samples Explain any discrepa	e labels and tags ag containers used for Cassettes / Tub ancies:	gree wi or the t es Inta	th cus ests in ct	ody papers? dicated? Canisters Pressuri:	YES YES zed Tedlar	NO NO B Bags Inflated N/.
		YES	NO	Sample I.D.	Reagent	Vol. Added
рН	Reagent					
12	NaOH			· · · · · · · · · · · · · · · · · · ·		
2	HNO3	V	ſ			
2	H ₂ SO ₄					·
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)	· .	·	· · ·		
(ES = All samples OK	NO = Sam	ples wer	e preser	ved at lab as listed	PC OK to adju	st pH
vo (1	C Vial pH Verification Fested after Analysis) Following Samples Exhibited pH > 2)	}	Other Commo	e nts:	
	MAR	8/2	1.10			
C Secondary Revi		NIZS	$\prec \cup \cup \cap$			
		1-0		2		8

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Columbia Analytical Services ^{INC.}
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Project Name

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _

Project Number

CAS Contact

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SR #

OF

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

MRFA	8	1006	6					AN.	ALYSI	S REC	QUES.	TED (I	nclud	ie Meti	od Nu	nber	and C	ontai	ner Pr	eserva	itive)
Project Manager Brian Neuman	Report CC Steve M	eler	Judu	Harry	PRE	ESERVAT	TIVE								1						
Company/Address Shaw Enviro	nmental, Inc		<u> </u>		- s		/	/	7		7	7	/		8	- /	/	/	//		Preservative Key 0. NONE 1. HCL
13 British	American Blue	L			TAINER					/		, / ,	30	(Mo)	5/	/					$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
Latham,	NY 12110				CON	/	00				0	is per				/	/	/	/	/	6. MeOH 7. NaHSO⊿
(518) 783 - 1996	(518) 7	83-8	397		ER OF			58	601 K	ႏွှိ	80			4	' /	/	' /	' 	/ /	/ /	8. Other
Sampler's Signature	Sampler's Printed Nan	"F] ar	nagan		NUME		000			7.0		507	<u>[8]</u>	, d							
CLIENT SAMPLE ID	FOR OFFICE USE ONLY	SAI DATE	MPLING TIME	MATRIX		/ Š	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	¥28	D BOS			MEI		×/	/.	/	/	/			REMARKS/ ALTERNATE DESCRIPTION
DGC - 35		5-24-0	x6 820	GW	3								X								
DGC - 4S			740		1/								7								
M-33I			930	\square	Ц_				_				<u> (</u>				·				
M - 335			940		\square								\prod								
M- 24D			1010		\square								\square								
M- 110			1030																		
M-29D			1100																		
M-25D			1130																		
Dup B		*	~			/		· .													
Trip Blank				*																	
SPECIAL INSTRUCTIONS/COMMENTS							τu	RNARC	DUND F	REQUI	REME	NTS		REP	ORT RE	QUIR	EMEN	rs		IN	VOICE INFORMATION
MECAIS							,	_ RUSH	(SUHCH	IAHGE:	S APPLY	() dav	X	1. Hes		•					· .
							X	STAND	DARD		0	uay	<u> </u>	II. Res (LCS,	uits + QC DUP, MS	'MSD a	naries is require	əd)	PC	#	
							REQUE	ESTED F	AX DATE	E				III. Re Summ	sults + Q0 aries	C and C	Calibratic	ก	BIL	.L TO:	
							BEQUE	STED R	FPORT	DATE				IV. Da	a Validati	on Rep	ort with	Raw Da	ita		
					4									V. Spe	icalized F	orms / (Custom	Report			
SAMPLE RECEIPT: CONDITION/CO	OLER TEMP:		CUS	STODY SEA	ALS:	Y N						· · ·	1	Edat	a	_ Yes		No	SU	BMISSIC	2N #:
RELINQUISHED BY	RECEIVED BY		RE	LINQUISHED) BY				RECEIV	/ED BY	Y				RELINQ	JISHE	D BY		T	<u> </u>	RECEIVED.BY
Signature	Signature TANAL	in	Signature			×	Signatu	ire				-	Sign	ature					Sig	nature	
Printed Name, M Flandaga	Fringen Name VOI (SMPY.	in	Printed Name	· · · · · · · · · · · · · · · · · · ·	· · · ·		Printed	Name					Print	ed Name					Prì	nted Narr	ne
Firm Shaw	Firm CAS		Firm				Firm						Firm						Firr	n	
Date/Time 5/24/06 1500	Date/Time 5-25-06 9:1	15	Date/Time				Date/Tir	me					Date	/Time					Dat	e/Time	
Distribution: White - Return to Originator; Yelle	ow - Lab Copy; Pink - Retained by C	lient	·																		SCOC-1102-/

	Cooler Re	ceipt A	And Pr	reservation Check	k Form	
Project/Client	shaw		S	ubmission Numbe	r <u></u>	•
Cooler received on	5-25-06 by: K	E	cou	RIER: CAS	PS FEDEX	VELOCITY CLIENT
 Were custod Were custod Did all bottle Did any VO. Were Ice or Where did th Temperature 	y seals on outside of y papers properly f es arrive in good co A vials have signifi Ice packs present? The bottles originate of cooler(s) upon	of cool filled o onditio icant a ? receip	er? out (ink n (unb ir bubb t:	x, signed, etc.)? roken)? bles? <u>3</u> °	YES YES YES YES CAS/RC	NO NO NO NO NO N/A NO CLIENT
Is the temper	rature within 0° - 6	° C?:	Ċ	Yes Yes	Yes	Yes Yes
If No, Expla	in Below		1	No No	No	No No
Date/Time T	emperatures Taker	1:	5-0	15-06 C	IVIDa	
Thermomete	r ID: 161 or	IR GL		Reading From: T	emp Blank o	r Sample Bottle
If out of Temperat PC Secondary Revie	ure, Client Appro w: JWJ 5	val to	Run S	Samples		
 Were all bot Did all bottle Were correc Air Samples 	tle labels complete e labels and tags ag t containers used fo	(<i>i.e.</i> a gree will br the t	nalysis ith cust tests in	s, preservation, etc. tody papers? dicated?	.)? (YES) YES (YES)	NO NO NO
Explain any discrept	: Cassettes / Tube ancies:	es Inta		Canisters Pressuriz	zed Tedlar®	Bags Inflated N/A
Explain any discrep	: Cassettes / Tube	es Inta YES	NO	Canisters Pressuriz	zed Tedlar® Reagent	Description N/A Vol. Added
Explain any discrep	Cassettes / Tube	YES	NO	Canisters Pressuriz	zed Tedlar® Reagent	Vol. Added
Explain any discrept	Cassettes / Tube ancies: Reagent NaOH	YES	NO	Canisters Pressuriz	zed Tedlar® Reagent	Vol. Added
Explain any discrept	Reagent NaOH	YES	NO	Canisters Pressuriz	zed Tedlar® Reagent	Vol. Added
Explain any discrept	Reagent NaOH HNO ₃ H ₂ SO ₄	YES	Ct NO	Canisters Pressuriz	zed Tedlar® Reagent	Design Bags Inflated N/A Vol. Added
Explain any discrept pH 12 2 Residual Chlorine (+/-)	: Cassettes / Tube ancies: Reagent NaOH HNO ₃ H ₂ SO ₄ for TCN & Phenol	YES	Ct NO	Canisters Pressuriz	zed Tedlar®	Debags Inflated N/A
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** VES = All samples OK	: Cassettes / Tube ancies: Reagent NaOH HNO ₃ H ₂ SO ₄ for TCN & Phenol P/PCBs (608 only)	YES		Canisters Pressuriz	Reagent	D Bags Inflated N/A
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is req	: Cassettes / Tube ancies: NaOH HNO ₃ H ₂ SO ₄ for TCN & Phenol P/PCBs (608 only) NO = Samu uired, use NaOH and/or	YES VES	ct NO	Canisters Pressuriz	zed Tedlar® Reagent PC OK to adjus	D Bags Inflated N/A Vol. Added Image: start pH
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is req VC (: Cassettes / Tube ancies:	YES Ples wer H ₂ SO ₄	ct NO	Canisters Pressuriz	zed Tedlar® Reagent PC OK to adjus	Design Bags Inflated N/A Vol. Added
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is req VC (: Cassettes / Tube ancies:	YES Ples wer H ₂ SO ₄	ct NO	Canisters Pressuriz	red Tedlar®	Debags Inflated N/A
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is req VC (: Cassettes / Tube ancies: NaOH HNO ₃ H ₂ SO ₄ for TCN & Phenol P/PCBs (608 only) NO = Sam uired, use NaOH and/or PC Vial pH Verification Following Samples Exhibited pH > 2	YES Ples wer H ₂ SO ₄	ct NO	Canisters Pressuriz	zed Tedlar® Reagent PC OK to adjus	D Bags Inflated N/A Vol. Added
Explain any discrept pH 12 2 Residual Chlorine (+/-) 5-9** YES = All samples OK **If pH adjustment is req VC (: Cassettes / Tube ancies:	YES ples wer H ₂ SO ₄	ct NO	Canisters Pressuriz	zed Tedlar® Reagent PC OK to adjus	Debags Inflated N/A

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		1A EPAS	SAMPLE NO.
		VOLATILE ORGANICS ANALYSIS DATA SHEET	
Lab Name:	CAS/RC	OCH Contract: SHAW	4D
Lab Code:	10145	Case No.: R6-31842 SAS No.: SDG No.:	4D
Motrix: (coil/u	wator)		1.0
Matrix. (SUII/M	valei)		1.0
Sample wt/vo	ol:	25.0 (g/ml) <u>ML</u> Lab File ID: <u>T7849.</u>)
Level: (low/m	ned)	LOW Date Received: 05/24/0	6
% Moisture: r	not dec.	Date Analyzed: 06/01/0	6
GC Column:	CA-62	4 ID: 0.18 (mm) Dilution Factor: 1.0	
Sail Extract V	/olumo:		(ut)
Soll Extract V	olume.		(uL)
		CONCENTRATION UNITS:	
			0
CAS NO			Q
74-87-3	3	Chloromethane 1	U
75-01-4	4	Vinyl Chloride 1	Ū
74-83-9	9	Bromomethane 1	U
75-00-3	3	Chloroethane 1	U
75-69-4	4	Trichlorofluoromethane 1	U
75-35-4	4	1,1-Dichloroethene 1	U
67-64-1	1	Acetone 5	UT
75-15-0	0	Carbon Disulfide 1	U
75-09-2	2	Methylene Chloride 1	U
156-60	-5	trans-1,2-Dichloroethene 1	U
	3	1,1-Dichloroethane 1	U
156-59	-2	cis-1,2-Dichloroethene 1	
78-93-3	3	2-Butanone (MEK) 5	
74-97-5) \	Bromochloromethane 1	
67-66-3	<u> </u>	Chlorotorm 1	
107-06-	-2	1,2-Dichloroethane	
71-33-0) :	Carbon totrachlarida	
71 42 2)		
70.01.6	<u>.</u>	Trichloroethene	
78-87-5	;	1 2-Dicbloropropage	
75-27-4		Bromodichloromethane 1	
10061-0	,)1-5	cis-1 3-Dichloropropene	- ŭ
108-10-	.1	4-Methyl-2-Pentanone 5	<u> </u>
108-88-	3	Toluene 1	- Ŭ
10061-0)2-6	trans-1.3-Dichloropropene 1	- Ŭ
79-00-5		1.1.2-Trichloroethane	U U
127-18-	4	Tetrachloroethene 1	Ū
591-78-	6	2-Hexanone 5	U
124-48-	1	Dibromochloromethane 1	U
106-93-	4	1,2-Dibromoethane 1	U
108-90-	7	Chlorobenzene 1	U
100-41-	4	Ethylbenzene 1	U
1330-20)-7	(m+p) Xylene 1	U
1330-20	-7	o-Xylene 1	U
100-42-	5	Styrene 1	U
79-34-5		1,1,2,2-Tetrachloroethane 1	U
75-25-2		Bromoform 1	U
541-73-1	1	1,3-Dichlorobenzene 1	U

OLC 2.1

				1A			EPA SA	AMPLE I	NO.
	\	OLATILE (DRGANI	CS ANALY	SIS DATA SH	EET		4D	
Lab Name:	CAS/RC	CH			Contract: <u>SH</u>	AW	<u> </u>		
Lab Code:	10145	Cas	se No.:	R6-31842	SAS No.:	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATER	_		Lab Sa	mple ID:	907743 1	.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lab File	ə ID:	T7849.D		
Level: (low/m	ned)	LOW			Date R	eceived:	05/24/06		
% Moisture: r	not dec.				Date A	nalyzed:	06/01/06		
GC Column:	CA-624	1_ ID: <u>0.1</u>	<u>8</u> (m	m)	Dilution	Factor:	1.0		
Soil Extract V	'olume: _		_ (uL)		Soil Alio	quot Volu	me:		(uL)
				CONC	ENTRATION	UNITS:			
CAS NO	•	COMPC	OUND	(ug/L	or ug/Kg)	UG/L		Q	
106-46	-7	1.4-Di	chlorobe	enzene		1	1	U	
95-50-1	1	1,2-Di	chlorobe	enzene			1	U	
96-12-8	3	1,2-Dil	oromo-3	-chloroprop	ane		1	U	
120-82	-1	1,2,4-7	richloro	benzene			1	U	
87-68-3	3	Hexac	hlorobut	adiene			1	U	
87-61-6	3	1,2,3-1	richloro	benzene			1	U C	

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VOLATILE ORGANICS ANALYSIS DATA SHEET	
TENTATIVELY IDENTIFIED COMPOUNDS	

EPA SAMPLE NO.

		IENTAI	IVELT IDEN		/POUN	5		_
Lab Name:	CAS/RC	СН		Contr	act: S	HAW	4	D
Lab Code:	10145	Ca	se No.: <u>R6-3</u>	31842 SA	S No.:	S	DG No.: 4[<u> </u>
Matrix: (soil/wa	ater)	WATER	_		Lab S	ample ID:	907743 1.0)
Sample wt/vol	:	25.0	(g/ml) <u>ML</u>		Lab F	ile ID:	T7849.D	
Level: (low/m	ed)	LOW	_		Date I	Received:	05/24/06	
% Moisture: no	ot dec.				Date /	Analyzed:	06/01/06	
GC Column:	CA-624	4_ ID: <u>0</u> .	18 (mm)		Dilutio	n Factor:	1.0	
Soil Extract Vo	lume:		_ (uL)		Soil A	liquot Volu	me:	(uL)
				CONCENT (ug/L or ug	[RATIO] 1/Ka)	N UNITS: UG/L		
Number TICs	found:	0						
CAS NO.		COMPOL	IND		R	T ES	T. CONC.	Q

	,				EPA S	AMPLE	NO.
l ah Name:			LYSIS DATA	A SHEET		27D	
	40445						
Lab Code:	10145	Case No.: <u>R6-3184</u>	2 SAS NO	S.: S	DG No.:	4D	
Matrix: (soil/	water)	WATER	La	b Sample ID:	907746	1.0	
Sample wt/vo	ol:	25.0 (g/ml) ML	La	b File ID:	T7850.D)	
l ovol: /low/r	mod)		Do	to Possivadu	05/04/06	······	
	neu)		Da	te Received:	05/24/06)	
% Moisture:	not dec.		Da	te Analyzed:	06/01/06	}	
GC Column:	CA-624	ID: 0.18 (mm)	Dil	ution Factor:	1.0		
Soil Extract \	/olume:	(III)	Soi	il Aliquot Volu			/uL)
		(uz)					(uL)
		CC					
	า					0	
CASINC				06/L	·	Q	
74-87-	.3	Chloromethane	· · · · · · · · · · · · · · · · · · ·		1	U	
75-01-	4	Vinyl Chloride			<u>.</u>	<u> </u>	
74-83-	9	Bromomethane			1	Ŭ	-
75-00-	3	Chloroethane			1	Ŭ	1
75-69-	4	Trichlorofluoromethane)		1	J	
75-35-	4	1,1-Dichloroethene			1	U	
67-64-	1	Acetone		5	5	U_	5
75-15-0	0	Carbon Disulfide			1	U	
75-09-2	2	Methylene Chloride			1	U	
156-60	1-5	trans-1,2-Dichloroether	ne		1	U	
75-34-3	3	1,1-Dichloroethane			1	<u> </u>	
156-59	-2	cis-1,2-Dichloroethene			1	<u> </u>	
78-93-3	3	2-Butanone (MEK)			5	05	
74-97-8	5	Bromochloromethane			1	U	
67-66-3	3	Chloroform			2		·
107-06	-2	1,2-Dichloroethane			1	<u> </u>	
/1-55-6	<u>)</u> -	1,1,1-Irichloroethane			1	<u> </u>	
56-23-5	<u>)</u>				22		_
71-43-2	<u></u>	Trichlereethere			1	U	
79-01-0) :				16		
75-27-4	<u>)</u> 1	Bromodichloromothono			- 1	<u> </u>	-
10061_0	<u>,</u> 01-5	cis-1 3-Dichloropropene	<u></u>		1	<u> </u>	-
108-10-	<u>-1</u>	4-Methyl-2-Pentanone	·		5	<u> </u>	-
108-88-	-3	Toluene			1	<u> </u>	4
10061-0	02-6	trans-1.3-Dichloroprope	ne		1	<u> </u>	-
79-00-5	<u>, </u>	1.1.2-Trichloroethane			1	<u> </u>	-
127-18-	4	Tetrachloroethene			1	<u> </u>	-
591-78-	6	2-Hexanone	······································		5	Ū	1
124-48-	·1	Dibromochloromethane			1	<u> </u>	1
106-93-	4	1,2-Dibromoethane			1	U	1
108-90-	7	Chlorobenzene			1	U	-
100-41-	4	Ethylbenzene			1	Ū	1
1330-20)-7	(m+p) Xylene			1	U	1
1330-20	1-7	o-Xylene			1	U	1
100-42-	5	Styrene			1	U]
79-34-5		1,1,2,2-Tetrachloroethan	e		1	U]
75-25-2		Bromoform			1	U]
541-73-1	1	1,3-Dichlorobenzene			1	U]
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FORM I VOA

			EPA SAMPLE NO.
Lab Name: CAS/I	ROCH	Contract: SHAW	27D
Lab Code: 10145	5 Case No.: R6-31842	2 SAS No.: S	DG No.: 4D
Matrix: (soil/water)	WATER	Lab Sample ID:	907746 1.0
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7850.D
Level: (low/med)	LOW	Date Received:	05/24/06
% Moisture: not dec		Date Analyzed:	06/01/06
GC Column: CA-6	624 ID: 0.18 (mm)	Dilution Factor:	1.0
Soil Extract Volume	(uL)	Soil Aliquot Volu	me: (uL
	COL	NCENTRATION UNITS:	
CAS NO.	COMPOUND (ug/	L or ug/Kg) <u>UG/L</u>	Q
106-46-7	1,4-Dichlorobenzene		1 U
95-50-1	1,2-Dichlorobenzene		1 U
96-12-8	1,2-Dibromo-3-chloropro	opane	1 U.T
120-82-1	1,2,4-Trichlorobenzene		1 UJ
87-68-3	Hexachlorobutadiene		1 U
87-61-6	1.2.3-Trichlorobenzene		1 05

1 6.46

VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

		IENIAI	IVELY IDENTI	IFIED COMPOU	JNDS			
Lab Name:	CAS/RC	ОСН		Contract:	SHAW		2/0	
Lab Code:	10145	Ca	ase No.: <u>R6-31</u>	842 SAS No).:	S	DG No.: 4D	
Matrix: (soil/w	vater)	WATER		Lal	b Sample	ID:	907746 1.0	
Sample wt/vo	d:	25.0	(g/ml) ML	Lal	o File ID:		T7850.D	
Level: (low/m	ned)	LOW		Da	te Receiv	ed:	05/24/06	
% Moisture: r	not dec.			Da	te Analyz	ed:	06/01/06	······
GC Column:	CA-62	4 ID: <u>0.</u>	18_ (mm)	Dil	ution Fac	tor:	1.0	
Soil Extract V	olume:		_ (uL)	So	I Aliquot	Volu	me:	(uL)
	far and a	0		CONCENTRAT (ug/L or ug/Kg)	ION UNI UG/	TS: ′L		
	touna:	0						
CAS NO.		COMPOL	JND		RT	ES	T. CONC.	Q

	1A		EPA SA	MPLE NO.
	VOLATILE ORGANICS ANALY	YSIS DATA SHEET		14D
Lab Name: CAS/	ROCH	Contract: SHAW		
Lab Code: 10145	Gase No.: R6-31842	SAS No.: S	DG No.: 4	4D
Matrix: (soil/water)	WATER	Lab Sample ID:	907760 1	.0
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7851.D	
Loude (low/mod)		Doto Rocoivod:	05/24/06	
Level: (low/med)		Dale Received.	05/24/00	
% Moisture: not dec	·	Date Analyzed:	06/01/06	
GC Column: CA-6	324 ID: 0.18 (mm)	Dilution Factor:	1.0	
Soil Extract Volume	: (uL)	Soil Aliquot Volu	me:	(uL)
	CON	ICENTRATION UNITS:		
CAS NO.	COMPOUND (ug/L	. or ug/Kg) UG/L		Q
74 07 0	Chloromothere		4	
75 01 4	Vinvi Chlorida		1	
71-82 0	Bromomethane		1	
74-03-9	Chloroethane		1	
75-69-4	Trichlorofluoromethane		1	
75-35-4	1 1-Dichloroethene		1	<u> </u>
67-64-1	Acetone		5	U-F-
75-15-0	Carbon Disulfide		1	
75-09-2	Methylene Chloride		1	U
156-60-5	trans-1,2-Dichloroethene		1	U
75-34-3	1,1-Dichloroethane		1	U
156-59-2	cis-1,2-Dichloroethene		1	U
78-93-3	2-Butanone (MEK)		5	Cu -
74-97-5	Bromochloromethane		1	U
67-66-3	Chloroform		1	U
107-06-2	1,2-Dichloroethane			<u> U </u>
71-55-6	1,1,1-Trichloroethane		1	<u> </u>
56-23-5	Carbon tetrachloride		1	<u> </u>
71-43-2	Benzene	·····	1	<u> </u>
79-01-0				0
75-07-0	Remediable remethane		- 1	
10061-01-5			1	<u> </u>
108-10-1	4-Methyl-2-Pentanone		5	
108-88-3	Toluene		1	<u> </u>
10061-02-6	trans-1 3-Dichloropropene	e	1	
79-00-5	1 1 2-Trichloroethane	•	1	
127-18-4	Tetrachloroethene		1	- U
591-78-6	2-Hexanone	······	5	Ŭ
124-48-1	Dibromochloromethane		1	Ū
106-93-4	1,2-Dibromoethane		1	U
108-90-7	Chlorobenzene		1	U
100-41-4	Ethylbenzene		1	U
1330-20-7	(m+p) Xylene		1	U
1330-20-7	o-Xylene		1	U
100-42-5	Styrene		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
75-25-2	Bromoform		1	U
541-73-1	1,3-Dichlorobenzene		1	U

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Lab Name:	CAS/RC		URGANICS	ANALY	SIS DATA Contract:	SHEE			14D	
Lab Code:	10145	Ca	se No.: R6	-31842	SAS No	.:	s	DG No.:	4D	
Matrix: (soil/v	vater)	WATER	_		Lab	Sample	e ID:	907760	1.0	
Sample wt/vo	»I:	25.0	(g/ml) <u>M</u>	-	Lab	File ID		T7851.[כ	-
Level: (low/m	ned)	LOW			Dat	e Recei	ved:	05/24/0	6	-
% Moisture: r	not dec.		_		Dat	e Analy:	zed:	06/01/0	6	-
GC Column:	CA-624	4 ID: 0.1	18 (mm)		Dilu	ition Fac	ctor:	1.0		-
Soil Extract V	olume:		(uL)		Soil	Aliquot	Volu	me:		(uL)
				CONC	ENTRAT	ION UN	ITS:			
CAS NO		COMPO	DUND	(ug/L	or ug/Kg)	UG	/L		Q	
106-46	-7	1,4-Di	chlorobenze	ene	······································			1	U	
95-50-1		1,2-Di	chlorobenze	ene				1	U	
96-12-8	3	1,2-Di	bromo-3-ch	loroprop	ane			1	U	\mathcal{T}
120-82	-1	1,2,4-	Trichlorober	nzene				1	U	7
87-68-3	3	Hexac	hlorobutadi	ene				1	U	4
87-61-6	3	1,2,3-	Trichlorober	izene				1	U	T

EPA	SAL	MPL	E.	NO.	
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		TENTAT	IVELY IDEI	NTIFIED	COMPO	DUN	DS			
Lab Name:	CAS/RC	ОСН			Contract	: <u>s</u>	HAW		14D	
Lab Code:	10145	Ca	ase No.: <u>R6</u>	-31842	SAS N	lo.:		SDG No	o.: <u>4</u> D	
Matrix: (soil/w	vater)	WATER			La	ab S	Sample ID	: 90776	60 1.0	
Sample wt/vo	ol:	25.0	(g/ml) <u>M</u>	L	L	ab F	ile ID:	T785 ⁻	1.D	
Level: (low/n	ned)	LOW	_		D	ate	Received	: 05/24	/06	
% Moisture:	not dec.				D	ate /	Analyzed	: 06/01	/06	
GC Column:	CA-62	4_ ID: <u>0.</u>	<u>18</u> (mm)		D	ilutic	on Factor	: 1.0		
Soil Extract V	/olume:	·	(uL)		S	oil A	liquot Vol	lume: _		(uL)
•				CONC	ENTRA	TIO	N UNITS	:		
Number TICs	found:	0		(ug/L	or ug/Kg	I)	UG/L			
CAS NO.		COMPOL	JND			F	RT E	ST. CO	NC.	Q

VUCATILE ORGANICS ANALYSIS DATA SHEET Lab Name: CAS/ROCH Contract: SHAW Lab Code: 10145 Case No:: SDG No:: 4D Matrix: (soli/water) WATER Lab Sample ID:: 9077611.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID:: T7875.D Level: (low/med) LOW Date Received:: 05/22/06 % Moisture: not dec. Date Analyzed:: 06/02/06 GC Column: CA-624 ID:: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-60-3 Chioronethane 1 U 75-60-3 Chioronethane 1 U 75-60-4 Trichlorofluoromethane 1 U 75-60-3 UT 75-80-3 UT 75-80-7 Carbon Disulfide 1 U UT 75-80-3 <td< th=""><th></th><th></th><th></th><th>EPA S</th><th>AMPLE I</th><th>10.</th></td<>				EPA S	AMPLE I	10.
Lab Code: D145 Case No.: Re-31842 SAS No.: SDG No.: 4D Matrix (sollwater) WATER Lab Sample ID: 9077611.0 Sample wt/vol: 25.0 (g/ml) ML Lab Sample ID: 9077611.0 Sample wt/vol: 25.0 (g/ml) ML Lab Sample ID: 9077611.0 Level: (low/med) LOW Date Received: 05/24/06 % Moisture: not dec. Date Analyzed: 06/02/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 75-60-4 Trichlorofluoromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-89-4 1,1-Dichloroethane 1 U 75-89-2 U 75-89-2 U 75-89-2 75-89-2 Methylenc Chorde 1 U 10	Lah Nama: CAS/		Contract: SHAW	MRFA	INFLUE	NT
Lab Coole TOTA9 Case Not: R0-31842 SAS Not: DUG Not: AD Matrix: (soli/water) WATER Lab Sample ID: 9077611.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7875.D Levet: (low/med) LOW Date Received: 05/24/06 % Moisture: not dec. Date Analyzed: 06/02/06 GC Column: CA-624 ID: 0.18 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U Tr5-90-8 Trchlorofluoromethane 1 U 75-89-4 Trchlorofluoromethane 1 U Tr5-35-4 1,1-Dichloroethane 1 U 75-89-2 Methylene Chloride 1 U Tr5-36-3 Chloroethane 1 U 75-89-2 Methylene Chloride 1 U </td <td></td> <td></td> <td></td> <td></td> <td>40</td> <td></td>					40	
Matrix: (soil/water) WATER Lab Sample ID: 907761 1.0 Sample wi/vol: 25.0 (g/ml) ML Lab File ID: T7875.D Level: (low/med) LOW Date Received: 05/24/08 % Moisture: not dec. Date Analyzed: 06/02/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume:	Lab Code: 10145	Case No.: R0-31842	5A5 NO.: 5	DG NO.:	4D	
Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7875.D Level: (low/med) LOW Date Received: $05/24/06$ % Moisture: not dec. Date Analyzed: $06/02/06$ GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume:	Matrix: (soil/water)	WATER	Lab Sample ID:	907761 ⁻	1.0	
Level: (low/med) LOW Date Received: 05/24/06 % Moisture: not dec. Date Analyzed: 06/02/08 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume:	Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7875.D		
Levin Levin Date Analyzec: 002700 % Moisture: not dec. Date Analyzec: 0607206 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soll Extract Volume:	Level: (low/med)		Date Received:	05/24/06		
% Moisture: not dec. Date Analyzed: Date Odd/206 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U 7 7 7 75-01-4 Vinyl Chloride 1 U 7 7 7 75-00-3 Chloromethane 1 U 7 7 7 7 75-00-3 Chloroethane 1 U 7 7 7 7 1 1 0 75-35-4 1,1-Dichloroethane 1 U 0 7 7 1 0 1 0 1 1 0 1 1 0 1 1 0 1 0 1 0 1	Level. (low/mcd)		Date Received.	00/24/00	- <u> </u>	
GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume:	% Moisture: not dec	•	Date Analyzed:	06/02/06		
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U 75-61-4 Vinyl Chloride 1 U 75-60-3 Chloromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-69-2 Methylene Chloride 1 U 75-15-0 Carbon Disulfide 1 U 75-34-3 1,1-Dichloroethene 1 U 75-34-3 1,1-Dichloroethane 1 U 75-34-3 1,1-Dichloroethane 1 U 76-60-5 Bromochloromethane 1 U 76-80-6 Chloroform 4 U 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroet	GC Column: CA-6	24 ID: 0.18 (mm)	Dilution Factor:	1.0		
CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U 75-01-4 Vinyl Chloride 1 U 74-87-3 Chloromethane 1 U 74-87-3 Chloromethane 1 U 74-83-9 Bromomethane 1 U 75-00-3 Chloroethane 1 U 75-84-4 1;1-Dichloroethene 1 U 75-60 Carbon Disulfide 1 U 75-02-2 Methylene Chloride 1 U 75-05-2 Garbon Disulfide 1 U 75-05-2 Garbon Disulfide 1 U 75-05-2 Hethylene Chloroethane 1 U 76-38-3 1;1-Dichloroethane 1 U 76-92 Methylene Chloride 32/s 37 74-97-5 Bromochloromethane 1 U 76-83-3 Chloroform 4	Soil Extract Volume:	(uL)	Soil Aliquot Volu	me:		(uL)
CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U 75-01-4 Vinyi Chloride 1 U 74-83-9 Bromomethane 1 U 75-00-3 Chloromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-75-0 Carbon Disulfide 1 U 75-75-0 Carbon Disulfide 1 U 75-69-2 Methylene Chloride 1 U 75-69-2 Methylene Chloride 1 U 75-34-3 1,1-Dichloroethane 1 U 76-60-5 trans-1,2-Dichloroethane 1 U 76-68-3 Chloroform 4 1 71-65-6 1,1,1-Trichloroethane 1 U 76-62-3 Chloroform 4 1 71-65-6 1,1,1-Trichloroethane 1 U 76-62-3 Chloroform 1 U </td <td></td> <td> (4-)</td> <td></td> <td></td> <td></td> <td>(02)</td>		(4-)				(02)
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 74-87-3 Chloromethane 1 U 75-01-4 Vinyl Chloride 1 U 74-83-9 Bromomethane 1 U 74-83-9 Bromomethane 1 U 75-00-3 Chloroethane 1 U 75-35-4 1.1-Dichloroethene 1 U 75-49-4 Trichlorofluoromethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-75-0 Carbon Disulfide 1 U 75-69-2 Methylene Chloride 1 U 75-69-2 Itrans-1,2-Dichloroethene 1 U 75-69-2 cls-1,2-Dichloroethene 1 U 76-69-3 1,1-Dichloroethane 1 U 76-69-3 Chloroform 4 U 76-66-3 Chloroformethane 1 U 76-62-3 Chloroformethane 1 U 76-62-1		CON	CENTRATION UNITS:			
Oriential Chloromethane 1 U 75-01-4 Vinyl Chloride 1 U 75-00-3 Chloroethane 1 U 75-00-3 Chloroethane 1 U 75-00-3 Chloroethane 1 U 75-60-4 Trichlorofluoromethane 1 U 75-35-4 1.1-Dichloroethene 1 U 75-15-0 Carbon Disulfide 1 U 75-15-0 Carbon Disulfide 1 U 75-34-3 1,1-Dichloroethene 1 U 75-34-3 1,1-Dichloroethane 1 U 76-63-2 cis-1,2-Dichloroethene 1 U 74-87-5 Bromochloromethane 1 U 74-97-5 Bromochloromethane 1 U 74-97-5 Bromochloromethane 1 U 71-55-6 1,1.1-Trichloroethane 1 U 71-55-7 Carbon tetrachloride 38 37 E 71-43-2 Benzene 1 U U 70-6-3 1,2	CAS NO	COMPOUND (ug/l	orug/Kg) UG/L		Q	1
74-87-3 Chloromethane 1 U 75-01-4 Vinyl Chloride 1 U 74-83-9 Bromomethane 1 U 75-00-3 Chloroethane 1 U 75-00-3 Chloroethane 1 U 75-35-4 1,1-Dichloroethane 1 U 75-35-4 1,1-Dichloroethane 1 U 75-35-4 1,1-Dichloroethane 1 U 75-09-2 Methylene Chloride 1 U 75-09-2 Methylene Chloride 1 U 75-35-3 1,1-Dichloroethane 1 U 75-34-3 1,1-Dichloroethane 1 U 75-34-3 1,1-Dichloroethane 1 U 76-63-2 cis-1,2-Dichloroethane 1 U 76-63-3 Chloroform 4 1 107-06-2 1,2-Dichloroethane 1 U 71-45-6 1,1,1-Trichloroethane 1 U 76-63-3 Chloroforgopane 1 U 76-75-6 1,2-Dichloropropane 1					~*	
75-01-4 Vinyl Chloride 1 U 74-83-9 Bromomethane 1 U 75-00-3 Chloroethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-36-4 1.1-Dichloroethene 1 U 67-64-1 Acetone 5 U 75-15-0 Carbon Disulfide 1 U 75-08-2 Methylene Chloride 1 U 75-09-2 Methylene Chloride 1 U 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1_2-Dichloroethene 1 U 166-60-5 trans-1_2-Dichloroethane 1 U 76-83-3 2-Butanone (MEK) 5 U 74-87-5 Bromochloromethane 1 U 76-63-3 Chloroferm 4 U 107-06-2 1,2-Dichloroethane 1 U 76-87-5 1,2-Dichloropropane 1 U 76-87-5 1,2-Dichloropropane 1 U 10061-01-5 cis:1,3-Dichloropropene <td>74-87-3</td> <td>Chloromethane</td> <td></td> <td>1</td> <td>U</td> <td></td>	74-87-3	Chloromethane		1	U	
74-83-9 Bromomethane 1 U 75-00-3 Chloroethane 1 U 75-00-3 Chloroethane 1 U 75-00-3 Chloroethane 1 U 75-35-4 1,1-Dichloroethene 1 U 67-64-1 Acetone 5 U 75-10- Carbon Disulfide 1 U 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 75-34-3 1,1-Dichloroethane 1 U 76-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 74-87-5 Bromochloromethane 1 U 74-97-5 Bromochloromethane 1 U 74-82-5 Calvon tetrachloride 38 37-E- 71-43-2 Benzene 1 U 78-87-5 1,2-Dichloroethane 1 U 78-87-5 1,2-Dichloropropane 1 U 78-87-5 1,2-Dichloropropane 1	75-01-4	Vinyl Chloride		1	U	_
75-00-3 Chloroethane 1 U 75-69-4 Trichlorofluoromethane 1 U 75-69-4 1,1-Dichloroethene 1 U 67-64-1 Acetone 5 U 75-15-0 Carbon Disulfide 1 U 75-16-0 Carbon Disulfide 1 U 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 75-34-3 1,1-Dichloroethane 1 U 76-63-2 cis-1,2-Dichloroethene 1 U 76-63-3 Chloroform 4 U 71-55-6 1,1,1-Trichloroethane 1 U 75-63-5 Carbon tetrachloride 38.37 E= 71-43-2 Benzene 1 U 76-63-5 1,2-Dichloroethane 1 U 76-63-6 1,1,1-Trichloroethane 1 U 76-75-7 1,2-Dichloroethane 1 U 76-74 Bornoethalochloropropane 1 U 76-74 Boromotichloromethane	74-83-9	Bromomethane		1	U	
75-69-4 Inchlorotivoromethane 1 U 75-35-4 1,1-Dichloroethene 1 U 75-35-4 1,1-Dichloroethene 5 U 75-15-0 Carbon Disulfide 1 U 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 75-38-3 1,1-Dichloroethene 1 U 76-89-2 cis-1,2-Dichloroethene 1 U 76-89-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 76-66-3 Chloroform 4 1 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1-Trichloroethane 1 U 75-61-1 1 1 U 76-87-5 Carbon tetrachloride 38 37 E 71-43-2 Benzene 1 U 75-27-4 Bromodichloromethane 1 U 106-10-1 des-1,3-Dichloropropene 1 U 1006-10-2-6 trans-1,3-Dichlor	75-00-3	Chloroethane		1	<u> </u>	_
75-35-4 1,1-Dichloroethene 1 U 67-64-1 Acetone 5 U 75-15-0 Carbon Disulfide 1 U 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 156-69-2 cis-1,2-Dichloroethene 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 76-63 Chloroform 4 U 107-06-2 1,2-Dichloroethane 1 U 71-43-2 Benzene 1 U 76-63 Carbon tetrachloride 3 ? 37 E 71-43-2 Benzene 1 U 76-63 1,1-1-Trichloroethane 1 U 79-01-6 Trichloroethene 23 77 71-43-2 Benzene 1 U 76-27-4 Bromodichloromethane 1 U 7061-01-5 cis-1,3-Dichloropropane 1	75-69-4	Trichlorofluoromethane		1	U	_
67-64-1 Acetone 5 U 75-15-0 Carbon Disulfide 1 U 75-15-0 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 75-34-3 1,1-Dichloroethene 1 U 75-34-3 1,1-Dichloroethene 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 U 71-55-6 1,1,1-Trichloroethane 1 U 76-62-2 1,2-Dichloroethane 1 U 56-23-5 Carbon tetrachloride 38 37 71-43-2 Benzene 1 U 75-27-4 Bromodichloromethane 1 U 1061-01-5 cis-1,3-Dichloropropene 1 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 100-1 4-Me	75-35-4	1,1-Dichloroethene				
75-09-2 Carbon Distince 1 0 75-09-2 Methylene Chloride 1 U 156-60-5 trans-1,2-Dichloroethene 1 U 75-34-3 1,1-Dichloroethane 1 U 156-59-2 cis-1,2-Dichloroethene 1 U 156-59-2 cis-1,2-Dichloroethane 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 U 107-06-2 1,2-Dichloroethane 1 U 75-56 1,1,1-Trichloroethane 1 U 76-61-3 Chloroformethane 1 U 71-43-2 Benzene 1 U 78-87-5 1,2-Dichloropropane 1 U 78-87-5 1,2-Dichloropropane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 100-14	67-64-1	Acetone		5		_
13-09-2 Methyleric Chlohode 1 0 156-60-5 trans-1,2-Dichloroethene 1 U 75-34-3 1,1-Dichloroethene 1 U 156-59-2 cis-1,2-Dichloroethene 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 U 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroethane 1 U 56-23-5 Carbon tetrachloride 3 2 37 E 71-43-2 Benzene 1 U 76-61 Trichloroethene 23 T 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U	75-15-0	Methylene Chloride		- 1		
130-00-0 trainstright production 75-34-3 1,1-Dichloroethane 1 U 156-59-2 cis-1,2-Dichloroethane 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 1 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroethane 1 U 56-23-5 Carbon tetrachloride 3 3	156 60 5	trans_1.2 Dichloroethene				-
100-00 1,1-Distribution 1 0 166-59-2 cis-1,2-Dichloroethene 1 U 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 0 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroethane 1 U 76-62-3 Carbon tetrachloride 38-37 E 71-43-2 Benzene 1 U 79-01-6 Trichloroethene 23 7 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 127-18-4 Tetrachloroethene 0,3 J <t< td=""><td>75-34-3</td><td></td><td></td><td>1</td><td></td><td></td></t<>	75-34-3			1		
100 01 00 1 00 1 00 1 78-93-3 2-Butanone (MEK) 5 U 74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 0 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1.1-Trichloroethane 1 U 71-55-6 1,1.1-Trichloroethane 1 U 56-23-5 Carbon tetrachloride 38.97 E 71-43-2 Benzene 1 U 79-01-6 Trichloroethene 23 7 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 1008-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 127-18-4 Tetrachloroethane 1 U 127-18-4 Tetrachloroethane 1 U 106-93-4 1,2-Dibromoeth	156-59-2	cis-1 2-Dichloroethene		1		-
74-97-5 Bromochloromethane 1 U 67-66-3 Chloroform 4 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroethane 1 U 56-23-5 Carbon tetrachloride 38 37 E 71-43-2 Benzene 1 U 78-87-5 1,2-Dichloroptopane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloroptopene 1 U 10061-02-6 trans-1,3-Dichloroptopene 1 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloroptopene 1 U 10061-02-6 trans-1,3-Dichloroptopene 1 U 108-88-3 Toluene 1 U 100-61-02-6 trans-1,3-Dichloroptopene 1 U 100-10-7 1,1,2-Trichloroethane 1 U 100-10-1 4.1,2-Dibromochloromethane 1 U 100-10-2 1,1,2-Trichloroethane 1 U 100-41-4 <td>78-93-3</td> <td>2-Butanone (MEK)</td> <td></td> <td>5</td> <td><u> </u></td> <td>-</td>	78-93-3	2-Butanone (MEK)		5	<u> </u>	-
67-66-3 Chloroform 4 107-06-2 1,2-Dichloroethane 1 U 71-55-6 1,1,1-Trichloroethane 1 U 66-23-5 Carbon tetrachloride 38 37 E 71-43-2 Benzene 1 U 78-87-5 1,2-Dichloroptopane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloroptopene 1 U 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloroptopene 1 U 10063-02-7 1,1,2-Trichloroethane 1 U 127-18-4 Tetrachloroethene 0,3 J 591-78-6 2-Hexanone 5 U 124-48	74-97-5	Bromochloromethane		1	U	-
107-06-21,2-Dichloroethane1U71-55-61,1,1-Trichloroethane1U56-23-5Carbon tetrachloride 32 37 E71-43-2Benzene1U79-01-6Trichloroethene2378-87-51,2-Dichloropropane1U75-27-4Bromodichloromethane1U10061-01-5cis-1,3-Dichloropropene1U108-10-14-Methyl-2-Pentanone5U108-88-3Toluene1U10061-02-6trans-1,3-Dichloropropene1U127-18-4Tetrachloroethane0.3J591-78-62-Hexanone5U124-48-1Dibromochloromethane1U106-93-41,2-Dibromoethane1U100-41-4Ethylbenzene1U1330-20-7o-Xylene1U1330-20-7o-Xylene1U100-42-5Styrene1U1330-20-7o-Xylene1U1330-20-7J.2-Dichloroethane1U100-42-5Styrene1U100-42-5Styrene1U101-42-5Styrene1U102-41-41.3-Dichloroethane1U1030-20-7o-Xylene1U100-41-51.3-Dichloroethane1U100-41-51.3-Dichloroethane1U100-41-41.3-Dichloroethane1U <td< td=""><td>67-66-3</td><td>Chloroform</td><td></td><td>4</td><td></td><td>1</td></td<>	67-66-3	Chloroform		4		1
71-55-6 1,1,1-Trichloroethane 1 U 56-23-5 Carbon tetrachloride 38 37 E 71-43-2 Benzene 1 U 79-01-6 Trichloroethene 23 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 107-18-4 Tetrachloroethane 1 U 127-18-4 Tetrachloroethane 1 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 1330-20-7 o-Xylene 1 U 1330-20-7 o-Xylene 1 U 1330-20-7 o-Xy	107-06-2	1,2-Dichloroethane		1	U	
56-23-5 Carbon tetrachloride $3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	71-55-6	1,1,1-Trichloroethane		1	U]
71-43-2 Benzene 1 U 79-01-6 Trichloroethene 23 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 127-18-4 Tetrachloroethane 0.3 J 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 1030-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 130-20-7 o-Xylene 1 U 100-42-5 Styrene 1	56-23-5	Carbon tetrachloride	3	8 37-	E]
79-01-6 Trichloroethene 23 78-87-5 1,2-Dichloropropane 1 U 75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 127-18-4 Tetrachloroethane 1 U 127-18-4 Tetrachloroethane 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 1030-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 130-42-	71-43-2	Benzene		1	U	
78-87-5 1,2-Dichloropropane 1 U $75-27-4$ Bromodichloromethane 1 U $10061-01-5$ cis-1,3-Dichloropropene 1 U $108-10-1$ 4-Methyl-2-Pentanone 5 U $108-88-3$ Toluene 1 U $108-88-3$ Toluene 1 U $10061-02-6$ trans-1,3-Dichloropropene 1 U $127-18-4$ Tetrachloroethane 1 U $127-18-4$ Tetrachloroethane 5 U $124-48-1$ Dibromochloromethane 1 U $106-93-4$ 1,2-Dibromoethane 1 U $100-41-4$ Ethylbenzene 1 U $1330-20-7$ o-Xylene 1	79-01-6	Trichloroethene		23	-	
75-27-4 Bromodichloromethane 1 U 10061-01-5 cis-1,3-Dichloropropene 1 U 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 79-00-5 1,1,2-Trichloroethane 1 U 127-18-4 Tetrachloroethane 0.3 J 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 100-42-5 Styrene 1 U 75-25-2 Bromoform 1 U 541-73-1 1.3-Dichlorobenzene <td>78-87-5</td> <td>1,2-Dichloropropane</td> <td></td> <td>1</td> <td><u> </u></td> <td>-</td>	78-87-5	1,2-Dichloropropane		1	<u> </u>	-
10061-01-5cis-1,3-Dichloropropene1U $108-10-1$ 4 -Methyl-2-Pentanone 5 U $108-88-3$ Toluene 1 U $10061-02-6$ trans-1,3-Dichloropropene 1 U $10061-02-6$ trans-1,3-Dichloropropene 1 U $179-00-5$ $1,1,2$ -Trichloroethane 1 U $127-18-4$ Tetrachloroethene 0.3 J $591-78-6$ 2 -Hexanone 5 U $124-48-1$ Dibromochloromethane 1 U $106-93-4$ $1,2$ -Dibromoethane 1 U $108-90-7$ Chlorobenzene 1 U $100-41-4$ Ethylbenzene 1 U $1330-20-7$ $(m+p)$ Xylene 1 U $1330-20-7$ o -Xylene 1 U $100-42-5$ Styrene 1 U $79-34-5$ $1,1,2,2$ -Tetrachloroethane 1 U $75-25-2$ Bromoform 1 U $541-73-1$ 1.3 -Dichlorobenzene 1 U	75-27-4	Bromodichloromethane		1	<u> </u>	-
108-10-1 4-Methyl-2-Pentanone 5 0 108-88-3 Toluene 1 U 10061-02-6 trans-1,3-Dichloropropene 1 U 79-00-5 1,1,2-Trichloroethane 1 U 127-18-4 Tetrachloroethene 0.3 J 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1.3-Dichlorobenzene 1 U	10061-01-5	cis-1,3-Dichloropropene		1	<u> </u>	-
108-88-3100ene1U $10061-02-6$ trans-1,3-Dichloropropene1U $79-00-5$ 1,1,2-Trichloroethane1U $127-18-4$ Tetrachloroethene0.3J $591-78-6$ 2-Hexanone5U $124-48-1$ Dibromochloromethane1U $106-93-4$ 1,2-Dibromoethane1U $108-90-7$ Chlorobenzene1U $100-41-4$ Ethylbenzene1U $1330-20-7$ (m+p) Xylene1U $1330-20-7$ o-Xylene1U $100-42-5$ Styrene1U $79-34-5$ 1,1,2,2-Tetrachloroethane1U $75-25-2$ Bromoform1U $541-73-1$ 1,3-Dichlorobenzene1U	108-10-1	4-Methyl-2-Pentanone		5	<u> </u>	4
10001-02-0 Italis-1, 3-Dichloropropene 1 0 79-00-5 1, 1, 2-Trichloroethane 1 0 127-18-4 Tetrachloroethene 0.3 J 591-78-6 2-Hexanone 5 0 124-48-1 Dibromochloromethane 1 0 106-93-4 1,2-Dibromoethane 1 0 108-90-7 Chlorobenzene 1 0 100-41-4 Ethylbenzene 1 0 1330-20-7 (m+p) Xylene 1 0 1330-20-7 o-Xylene 1 0 100-42-5 Styrene 1 0 79-34-5 1,1,2,2-Tetrachloroethane 1 0 79-34-5 1,1,2,2-Tetrachloroethane 1 0 75-25-2 Bromoform 1 0 541-73-1 1.3-Dichlorobenzene 1 0	108-88-3	tropo 1 2 Diobleropropose		1	<u> </u>	-
19-00-3 1,1,2-minior oethane 1 0 127-18-4 Tetrachloroethene 0,3 J 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	70.00.5	1 1 2 Trichloroothana		1	<u> </u>	-
127-16-4 Tetracholoethene 0.7 3 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1.3-Dichlorobenzene 1 U	127-18-4	Tetrachloroethene		03	<u> </u>	-
031-70-0 2-model for the formed by the formed	501-78-6	2-Hexanone		5	<u>J</u>	1
106-93-4 1,2-Dibromoethane 1 U 106-93-4 1,2-Dibromoethane 1 U 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	124-48-1	Dibromochloromethane		1		4
100 col 1 12 Distribution 108-90-7 Chlorobenzene 1 U 100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	106-93-4	1 2-Dibromoethane		1	<u> </u>	-
100-41-4 Ethylbenzene 1 U 1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 130-42-5 Styrene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	108-90-7	Chlorobenzene	······································	1	<u> </u>	1
1330-20-7 (m+p) Xylene 1 U 1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	100-41-4	Ethylbenzene	······································	1	<u> </u>	
1330-20-7 o-Xylene 1 U 100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	1330-20-7	(m+p) Xvlene		1	Ū	
100-42-5 Styrene 1 U 79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	1330-20-7	o-Xylene		1	Ū	1
79-34-5 1,1,2,2-Tetrachloroethane 1 U 75-25-2 Bromoform 1 U 541-73-1 1,3-Dichlorobenzene 1 U	100-42-5	Styrene		1	Ū	1
75-25-2 Bromoform 1 U 541-73-1 1.3-Dichlorobenzene 1 U	79-34-5	1,1,2,2-Tetrachloroethane		1	Ū	1
541-73-1 1.3-Dichlorobenzene 1 II	75-25-2	Bromoform		1	U	1
	541-73-1	1,3-Dichlorobenzene		1	<u>U</u>	

						NOUEET		EPA S	AMPLE	NO.
Lab Name:	CAS/RO				Contract:	SHAW		MRFA	INFLU	ENT
Lab Code:	10145		Case No.:	R6-31842	SAS No).:	SI	DG No.:	4D	
Matrix: (soil/w	/ater)	WATE	२		Lal	b Sample I	D:	907761	1.0	
Sample wt/vo	l:	25.0	(g/ml)	ML	Lal	b File ID:		T7875.C)	
Level: (low/m	ed)	LOW			Da	te Receive	ed:	05/24/06	3	
% Moisture: n	ot dec.				Da	te Analyze	ed:	06/02/06	6	
GC Column:	CA-624	ID:	<u>0.18</u> (m	nm)	Dili	ution Facto	or:	1.0		
Soil Extract V	olume: _		(uL)		Soi	il Aliquot V	'olur	ne:	•	(uL)
				CON	ICENTRAT	ION UNIT	S:			
CAS NO.		CO	MPOUND	(ug/l	or ug/Kg)	UG/L	•		Q	
106-46-	-7	1.4	-Dichlorob	enzene				1	U	
95-50-1	-	1,2	2-Dichlorobe	enzene				1	U	
96-12-8	}	1.2	2-Dibromo-3	B-chloropro	pane			1	U	J
120-82-	-1	1,2	,4-Trichloro	benzene				1	U ·	7
87-68-3		He	xachlorobu	tadiene				1	U	J
87-61-6	;	1,2	,3-Trichloro	benzene				1	U;	J

OLC 2.1

	1E VOLATILE ORGANICS	ANALYSIS DATA SHEET	EPA SAMPLE NO.
	TENTATIVELY IDEN	TIFIED COMPOUNDS	
Lab Name: CAS/R	DCH	Contract: SHAW	
Lab Code: 10145	Case No.: R6-	31842 SAS No.: S	SDG No.: <u>4D</u>
Matrix: (soil/water)	WATER	Lab Sample ID:	907761 1.0
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	Lab File ID:	T7875.D
Level: (low/med)	LOW	Date Received:	05/24/06
% Moisture: not dec.		Date Analyzed:	06/02/06
GC Column: CA-62	24 ID: <u>0.18</u> (mm)	Dilution Factor:	1.0
Soil Extract Volume:	(uL)	Soil Aliquot Volu	ume: (uL)
		CONCENTRATION UNITS:	
Number TICs found:	0	(ug/L or ug/Kg) UG/L	
CAS NO.	COMPOUND	RT E	ST. CONC. Q

1.8

		ÉPA S	EPA SAMPLE NO.							
	MRFA	MRFA INFLUENTD								
Lab Name: CAS/R	OCH	Contract: SHA								
Lab Code: 10145	Case No.: <u>R6-31842</u>	SAS No.:	SDG No.:	4D						
Matrix: (soil/water)	WATER	Lab Sam	ple ID: 907761	2.0						
Sample wt/vol:	25.0 (a/mł) ML	Lab File I	D: T7877.[)						
Levels (levelmed)		Data Rea		e						
Level: (low/med)		Date Rec	erved: <u>05/24/0</u>	D 7						
% Moisture: not dec.		Date Ana	lyzed: 06/02/0	6						
GC Column: CA-62	24 ID: 0.18 (mm)	Dilution F	actor: 2.0							
Soil Extract Volume:	(uL)	Soil Aliqu	ot Volume:	(uL)						
· · · · · · · · · · · · · · · · · · ·	、 ,		7	()						
	CON	CENTRATION U								
CAS NO.	COMPOUND (ug/L	or ug/Kg) U	IG/L	Q						
· · · · · · · · · · · · · · · · · · ·										
74-87-3	Chloromethane		2	U						
75-01-4	Vinyl Chloride		2	U						
74-83-9	Bromomethane		2	U						
75-00-3	Chloroethane		/ 2	U						
75-69-4	Trichlorofluoromethane	/	<u> </u>	<u> </u>						
75-35-4	1,1-Dichloroethene	A	2	<u> </u>						
67-64-1	Acetone	/	1/							
75-15-0	Carbon Disulfide		2							
156.60.5	trans 1.2 Disbleresthere		2							
75 24 2			2							
156-50-2	cis-1 2-Dichloroethene	/	2							
78-93-3	2-Butanone (MEK)		10							
74-97-5	Bromochloromethane	_/	2							
67-66-3	Chloroform	/	4	D						
107-06-2	1,2-Dichloroethane /	/	2	Ū						
71-55-6	1,1,1-Trichloroethane		2	U						
56-23-5	Carbon tetrachloride /		38	D						
71-43-2	Benzene /		2	U						
79-01-6	Trichloroethene /		22	D						
78-87-5	1,2-Dichloropropane		2	U						
75-27-4	Bromodichloromethane		2	U						
10061-01-5	cis-1,3-Dichlorøpropene		2	U						
108-10-1	4-Methyl-2-Pentanone		10	U						
108-88-3			2	U						
10061-02-6	trans-1,3-Dichloropropene)	2							
/9-00-5			2							
127-18-4			2							
124-49 1	Dibromochloromothono		10							
106-02 /	1 2-Dibromoethane		2							
100-90-4	Chlorobenzene		<u> </u>							
100-41-4	Ethylbenzene		<u> </u>							
1330-20-7	(m+p) Xvlene	I	<u> </u>							
1330-20-7	o-Xvlene		2	- ŭ						
100-42-5	Styrene		2	t ŭ						
79-34-5	1.1.2.2-Tetrachloroethane		2	Ŭ						
75-25-2	Bromoform		2	Ŭ						
541-73-1	1,3-Dichlorobenzene		2	Ū						
·										
			1/	۹				EPA S	AMPLE	NO.
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	,	OLATILE (DRGANICS	S ANAL'	YSIS DATA	A SHEE	ET .			וחדא
Lab Name:	CAS/RC	CH			Contract:	SHAV	۷			
Lab Code:	10145	Cas	se No.: <u>R6</u>	-31842	SAS No	.:	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATER	-		Lal	o Samp	ole ID:	907761	2.0	
Sample wt/vo	ol:	25.0	(g/ml) M	L	Lat	o File II	D :	T7877.C)	
Level: (low/m	ned)	LOW			Da	te Rec	eived:	05/24/06	3	
% Moisture: r	not dec.				Dat	te Anal	yzed:	06/02/06	3	
GC Column:	CA-62	4 ID: <u>0.1</u>	<u>8</u> (mm)		Dik	ution Fa	actor:	2.0		
Soil Extract V	olume:		_ (uL)		Soi	l Aliquo	ot Volu	me:	,	(uL)
				CON						
				CON	CENTRAI	UNU	NH 5:			
CAS NO	•	COMPC	DUND	(ug/L	. or ug/Kg)	U	G/L	/	Q	
106-46	-7	1,4-Di	chlorobenz	ene				/2	U	
95-50-1	1	1.2-Di	chlorobenz	ene				2	U	
96-12-8	3	1,2-Di	oromo-3-ch	loropro	pane			2	U	
120-82	-1	1,2,4-7	Frichlorobe	nzene				2	U	
87-68-3	3	Hexac	hlorobutadi	iene				2	U	
87-61-6	3	1,2,3-1	richlorobe	nzene			/	2	U	

				1E						
	LE ORGA	NICS ANA	LYSIS D		SHEET	Γ	EPA SAMP	LE NO.		
		ΓEN	FATIVELY	IDENTIFI	ED COM	IPOL	JNDS			IENTD
Lab Name:	CAS/RO	DCH			Contra	act:	SHAW			
Lab Code:	10145		Case No.	: <u>R6-3184</u>	2 SAS	S No	.:	S	DG No.: 4D	
Matrix: (soil/v	vater)	WATE	R			Lat	o Sample	e ID:	907761 2.0	
Sample wt/vo	ol:	25.0	(g/m	i) <u>ML</u>		Lat	o File ID		T7877.D	
Level: (low/n	ned)	LOW				Dat	te Recei	ved:	05/24/06	
% Moisture: r	not dec.	- 1888 I I				Dat	te Analy	zed:	06/02/06	
GC Column:	CA-62	4 ID:	<u>0.18</u> (mm)		Dilu	ution Fac	ctor:	2.0	
Soil Extract V	olume:		(uL)			Soi	I Aliquot	Volu	me:	(uL)
				~~~				IT6.	,	
·						KAI (Ka)		1/S: //		
Number TICs	found:	0		(ug		''g)	7			
CAS NO.		COMF	OUND				' RT	ES	ST. CONC.	Q
					/	/				
				/	/					
		/								
	/	/								
	1									

		<u></u>		1A				EPA S	AMPLE	NO.
Lab Namar C			= ORGANI	ICS ANAL	YSIS D	ATA SH		MRF	A DUP	A
	2A5/RU(	<u></u>			Contra			_ L		
Lab Code: 1	0145		ase No.:	R6-31842	sas	No.:		SDG No.:	4D	<u> </u>
Matrix: (soil/wa	iter) <u>\</u>	WATER	,			Lab Sa	mple ID:	907762	1.0	
Sample wt/vol:	2	25.0	(g/ml)	ML		Lab Fil	e ID:	T7852.D		
Level: (low/me	- l (b:	LOW			-	Date R	eceived:	05/24/06		
% Moisturo: not	-, _					Data A	nalvzad:	06/01/06	······	
% WOISture. No	t uec					Date A		00/01/00		
GC Column:	CA-624	ID: _	<u>).18 </u> (m	m)		Dilutior	Factor:	1.0		
Soil Extract Vol	ume:		(uL)			Soil Ali	quot Volu	me:		(uL)
				CON	ICENT	RATION	UNITS:			
CAS NO.		COM	POUND	(ug/l	L or ug/l	≺g)	UG/L		Q	
74 97 2		Chl	romothon						. 11	
75_01_1		Vin	/ Chloride	C				<u> </u>		
74-83-0		- VIIIy Bror	nomethan					<u> </u>		
75-00-3		Chlo	roethane	<u> </u>				1		
75-69-4		Tric	hlorofluoro	methane		· · · · · · · · · · · · · · · · · · ·	·	1		
75-35-4		1 1-	Dichloroett	hene				1	U U	
67-64-1		Ace	tone	10/10		·		20	$\overline{\mathbf{u}}$	1
75-15-0		Cart	on Disulfic	de				1	U	4
75-09-2		Meth	vlene Chl	oride				1	Ŭ	
156-60-5		trans	s-1,2-Dichl	oroethene	•	··· ·· · ·		1	Ŭ	
75-34-3		1,1-	Dichloroeth	nane				1	U	_
156-59-2		cis-1	,2-Dichlor	oethene				1	U	
78-93-3		2-Bu	tanone (M	EK)				5	U_	$\square$
74-97-5		Bron	nochlorom	ethane				1	U	
67-66-3		Chio	roform					1	U	
107-06-2		1,2-[	Dichloroeth	nane				1	U	
71-55-6		1,1,1	-Trichloroe	ethane				1	<u> </u>	
56-23-5		Carb	on tetrach	loride				0.3	J	_
71-43-2		Benz	:ene						U	¹
79-01-6		Trich	loroethene	)				0.3	J	
78-87-5		<u>1,2-L</u>	Dichloropro	pane				1	<u> </u>	4
/5-2/-4		Brom	Odichloror	nethane				1	<u> </u>	
10061-01-	-5		3-DICNIOR	propene				1	<u> </u>	4
108-10-1			inyl-2-Pen	itanone				5	<u> </u>	
100-00-3	6		1 2 Dichle		~				<u> </u>	-
70.00 5	-0		Trichloroc	sthone	e			4	<u> </u>	
107 19 4		1, 1, 2 Totro	-Inchioroe				1	1		_
501-78-6					· - · · · · · · · · · · · · · · · · · ·	<u> </u>		5	<u> </u>	-
124-48-1		Dibro	mochloron	nethane				1	<u> </u>	-
106-03-4			ibromoeth	ane				1	<u> </u>	
108-00-7		Chlor	ohenzene					1	<u> </u>	-1
100-41-4		Ethvil	benzene				<u> </u>	1	<u> </u>	-
1330-20-7	,	(m+n	) Xvlene					1	<u> </u>	1
1330-20-7	,	o-Xvl	ene					1	<u> </u>	1
100-42-5		Styre	ne					1	<u> </u>	1
79-34-5		1.1.2	2-Tetrachl	oroethane	3			1	<u>_</u>	-
75-25-2		Brom	oform					1	<u>-</u>	-
541-73-1		1.3-D	ichloroben	zene				1	Ū	
								والمرجب وتصفيت والمستعد والم		

			1,	A			EP.	A SA	MPLE	NO.
Lab Name:	CAS/RC		ORGANICS	5 ANALY	SIS DATA Contract:	SHEET		/RFA	DUP	Α
Lab Code:	10145	Ca	se No.: <u>R</u> 6	5-31842	SAS No	.:	SDG N	o.: 4	D	
Matrix: (soil/w	vater)	WATER			Lat	Sample ID	: 9077	62 1.	0	
Sample wt/vo	ol:	25.0	(g/ml) M	L	Lab	File ID:	T785	2.D		
Level: (low/m	ned)	LOW			Dat	e Received	05/24	/06		
% Moisture: r	not dec.		-		Dat	e Analyzed:	06/01	/06		
GC Column:	CA-62	4 ID: 0.1	18 (mm)		Dilu	ition Factor:	1.0			
Soil Extract V	olume:		(uL)		Soi	l Aliquot Vol	ume:			(uL)
				CON	CENTRAT	ION UNITS	:			
CASNO	).	COMPO	DUND	(ug/L	or ug/Kg)	UG/L			Q	
106-46	-7	1,4-Di	chlorobenz	ene			•		U	
95-50-	1	1,2-Di	chlorobenz	ene					U	
96-12-8	8	1,2-Di	bromo-3-cł	loroprop	ane				U	T
120-82	-1	1,2,4-	Trichlorobe	nzene					<u> </u>	
87-68-3	3	Hexad	chlorobutad	iene					<u> </u>	
87-61-6	6	1,2,3-	Trichlorobe	nzene					<u> </u>	2

		VOLATILE	ORGANICS			SHEET	-	EPA SAM	IPLE NO.
Lab Name:	CAS/R	TENTAT OCH	IVELY IDE	NTIFIED (	COMPOU	JNDS SHAW		MRFA	DUP A
Lab Code:	10145	Ca	se No.: Re	-31842	SAS No	.:	SD	G No.: 4	)
Matrix: (soil/\	water)	WATER			Lal	o Sample	e ID:	907762 1.0	l
Sample wt/ve	ol:	25.0	(g/ml) <u>M</u>	L	Lal	o File ID:	: :	T7852.D	
Level: (low/r	n <b>ed</b> )	LOW	_		Da	te Recei	ved:	05/24/06	
% Moisture:	not dec.				Da	te Analy:	zed:	06/01/06	
GC Column:	CA-62	.4 ID: <u>0.</u>	18_ (mm)		Dil	ution Fac	ctor:	1.0	
Soil Extract \	/olume:		_ (uL)		So	l Aliquot	Volun	ne:	(uL
				CON	CENTRAT		ITS:		
Number TICs	s found:	0		(ug/L	or ug/Kg)	UG	/L		
CAS NO.		COMPOL	ND			RT	EST	CONC.	Q

			1A			EPA S	AMPLE N	10.
	V	OLATILE ORGAN	ICS ANALY	SIS DATA	SHEET	MRFA	EFFLUE	NT
Lab Name: 0	CAS/RO	CH		Contract:	SHAW			
Lab Code: 1	0145	Case No.:	R6-31842	SAS No	.: S	DG No.:	4D	
Matrix: (soil/wa	ater)	WATER		Lai	o Sample ID:	907763 ⁻	1.0	
Sample wt/vol:		25.0 (g/ml)	ML	Lat	o File ID:	T7853.D		
i evel: (low/me	d)			Dat	te Received [.]	05/24/06		
% Moisture: no	t dec			Dat	te Analyzad:	06/01/06		
				Da		00/01/00		
GC Column:	CA-624	<u>ID: 0.18</u> (m	im)	Ditt	ution Factor:	1.0		
Soil Extract Vo	lume: _	(uL)		Soi	l Aliquot Volu	me:		(uL)
			001					
			CON		ION UNITS:		•	
CAS NU.		COMPOUND	(ug/L	or ug/Kg)	UG/L		Q	
74-87-3	-	Chloromethan	e			1	U	-
75-01-4		Vinyl Chloride				1	U	
74-83-9		Bromomethan	e			1	U	
75-00-3		Chloroethane				1	U	
75-69-4		Trichlorofluoro	methane			1	U	
75-35-4		1,1-Dichloroet	hene			1	U	_
67-64-1		Acetone				5	U	
75-15-0		Carbon Disulfi	de			1	U	_
75-09-2		Methylene Ch	oride			1	U	
156-60-5	j	trans-1,2-Dich	loroethene			1	<u> </u>	-
75-34-3		1,1-Dichloroet	hane			1	<u> </u>	_
156-59-2		CIS-1,2-DICITION				1		+
78-93-3		2-Butanone (M	IEK)			5		
74-97-3	- • •	Chloroform	lethane			1	<u> </u>	-
107.06.2		1 2 Dichloract				I		-
71-55-6	· · · · · ·	1,2-Dichioloeti	othane			1		-
56-23-5		Carbon tetrach	loride			0.4	<u> </u>	-
71-43-2		Benzene				1		-
79-01-6		Trichloroethen	e			0.3		-
78-87-5		1.2-Dichloropro	opane			1	U	-
75-27-4	····	Bromodichloro	methane			1	U	-
10061-01	-5	cis-1,3-Dichlor	opropene			1	Ū	
108-10-1		4-Methyl-2-Per	ntanone			5	U	
108-88-3		Toluene				1	U	1
10061-02	-6	trans-1,3-Dichl	oropropene	)		1	U	].
79-00-5		1,1,2-Trichloro	ethane			1	U	
127-18-4		Tetrachloroeth	ene			1	<u> </u>	
591-78-6		2-Hexanone				5	<u> </u>	
124-48-1		Dibromochloro	methane			1	U	1
106-93-4		1,2-Dibromoeth	nane			1	U	
108-90-7		Chlorobenzene	<b>}</b>			1	U	1
100-41-4		Ethylbenzene				1	U	-
1330-20-7		(m+p) Xylene				1	<u> </u>	
1330-20-7		o-Xylene				1	<u>     U</u>	ļ
100-42-5		Styrene				1	<u>     U                               </u>	1
/9-34-5		1,1,2,2-1 etrach	ioroethane			1	<u> </u>	
/5-25-2		Bromotorm					<u> </u>	
541-73-1		1,3-Dichlorober	izene			1	<u> </u>	ļ

	,								EPA SAMPLE NO.		
Lab Name:	CAS/RC			Contract: SHAW					EFFLUI	ENT	
Lab Code:	10145	Cas	se No.: <u>R</u> e	6-31842	SAS No	).:	S	DG No.:	4D		
Matrix: (soil/wa	ater)	WATER	_		La	b Sam	ble ID:	907763	1.0		
Sample wt/vol	:	25.0	(g/ml) M	L	La	b File I	D:	T7853.D			
Level: (low/m	ed)	LOW	_		Da	te Rec	eived:	05/24/06			
% Moisture: no	ot dec.				Da	te Ana	yzed:	06/01/06			
GC Column:	CA-624	4 ID: 0.1	8 (mm)	)	Dil	ution F	actor:	1.0			
Soil Extract Vo	olume:	•	(uL)		So	il Aliqu	ot Volu	me:		(uL)	
				CONC							
CASINO		COMPC			or ua/Ka)		G/I		0		
0,0,10.				(ug/r	or ug/itg/	<u> </u>			<u>u</u>		
106-46-	7	1,4-Di	chlorobenz	ene				1	U		
95-50-1		1,2-Di	chlorobenz	ene.				1	U		
96-12-8		1,2-Dil	bromo-3-cł	hloroprop	ane			1	UL	J	
120-82-	1	1,2,4-1	<b>Frichlorobe</b>	enzene				1	U.)		
87-68-3		Hexac	hlorobutad	liene				1	U		
87-61-6	<u></u>	1,2,3-1	<u>Frichlorobe</u>	nzene				1	<u> </u>	<u>」</u>	

	Ň	/OLATIL	E ORGAN	1E ICS ANAL	YSIS DATA	SHEET		EPA SAMF	LE NO.
		TENT	ATIVELY II	DENTIFIE	COMPOL	JNDS			
Lab Name:	CAS/RC	CH			Contract:	SHAW			LUENT
Lab Code:	10145	(	Case No.:	R6-31842	SAS No	.:	SE	DG No.: 4D	
Matrix: (soil/	vater)	WATER			Lal	o Sample	ID:	907763 1.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lai	o File ID:		T7853.D	<u></u>
Level: (low/r	ned)	LOW			Da	te Receiv	ed:	05/24/06	
% Moisture:	not dec.				Da	te Analyz	ed:	06/01/ <b>06</b>	
GC Column:	CA-62	4 ID:	0.18 (m	m)	Dilu	ution Fact	tor:	1.0	
Soil Extract V	/olume:		(uL)		Soi	I Aliquot V	Volun	ne:	(uL)
Number TICs	found:	0		CON (ug/L	ICENTRAT . or ug/Kg)	ION UNI UG/I	TS: L		
CAS NO.	·	СОМРС	OUND			RT	ES	T. CONC.	Q

			EPA	SAMPLE NO.
	VOLATILE ORGANICS ANAL	TSIS DATA SHEET	TF	
Lab Name: CAS/RC	DCH	Contract: SHAW	_ L	
Lab Code: 10145	Case No.: R6-31842	SAS No.: S	DG No.	4D
Matrix: (soil/water)	WATER	Lab Sample ID:	907764	11.0
Sample wt/vol:	25.0 (a/ml) ML	l ab File ID	T7854	D
l evel: (low/med)		Doto Resoluted	05/04/0	
		Dale Received.	05/24/0	10
% Moisture: not dec.		Date Analyzed:	06/01/0	6
GC Column: CA-62	4_ ID: <u>0.18</u> (mm)	Dilution Factor:	1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volu	me:	(uL)
	CON	CENTRATION UNITS:		
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L		Q
74-87-3	Chloromethana			
75-01-4	Vinyl Chloride		<u>]</u>	
74-83-9	Bromomethane		<u> </u>	
75-00-3	Chloroethane		!1	
75-69-4	Trichlorofluoromethane		1	
75-35-4	1,1-Dichloroethene		1	U U
67-64-1	Acetone		4	1 T
75-15-0	Carbon Disulfide		1	
75-09-2	Methylene Chloride		1	U
156-60-5	trans-1,2-Dichloroethene		1	U
75-34-3	1,1-Dichloroethane		1	U
156-59-2	cis-1,2-Dichloroethene		1	U
78-93-3	2-Butanone (MEK)		5	UT
74-97-5	Bromochloromethane		1	U
67-66-3	Chloroform		1	U
107-06-2	1,2-Dichloroethane		1	U
71-55-6	1,1,1-Trichloroethane		1	U
56-23-5	Carbon tetrachloride		1	U
71-43-2	Benzene Trieblene ette en e		1	U
79-01-0			1	
75-27-4	Remediableremethere		1	
10061-01-5	cis-1.3-Dichloropropopo		<u> </u>	
108-10-1	4-Methyl-2-Pentanone		1 	
108-88-3	Toluene		<u> </u>	
10061-02-6	trans-1.3-Dichloropropene		1	
79-00-5	1.1.2-Trichloroethane		1	
127-18-4	Tetrachloroethene		<u> </u>	
591-78-6	2-Hexanone		5	
124-48-1	Dibromochloromethane		1	
106-93-4	1,2-Dibromoethane		1	t <u>ĭ</u>
108-90-7	Chlorobenzene		<u>.</u>	Ŭ
100-41-4	Ethylbenzene		1	Ŭ
1330-20-7	(m+p) Xylene		1	Ū
1330-20-7	o-Xylene		1	Ū
100-42-5	Styrene		1	Ū
79-34-5	1,1,2,2-Tetrachloroethane		1	U
75-25-2	Bromoform		1	U
541-73-1	1,3-Dichlorobenzene		1	U

	,					OUEET	EPA	SAMPLE	E NO.
Lab Name:	CAS/RC	CH			Contract:	SHAW	T	RIP BLAN	١K
Lab Code:	10145		Case No.:	R6-31842	SAS No.		SDG No.	: 4D	
Matrix: (soil/w	vater)	WATE	R		Lab	Sample ID	: 90776	4 1.0	
Sample wt/vo	d:	25.0	(g/ml)	ML	Lab	File ID:	T7854	.D	-
Level: (low/m	ned)	LOW			Dat	e Received	: 05/24/	06	-
% Moisture: r	not dec.				Dat	e Analyzed	: 06/01/	)6	-
GC Column:	CA-624	4_ ID:	<u>0.18</u> (m	nm)	Dilu	ition Factor:	1.0		-
Soil Extract V	olume:		(uL)		Soil	Aliquot Vol	ume:		- (uL)
				CON	CENTRATI	ION UNITS	:		
CAS NO		CON	MPOUND	(ug/L	or ug/Kg)	UG/L		Q	•
106-46	-7	1,4	I-Dichlorobe	enzene			1	U	
95-50-1	]	1,2	2-Dichlorobe	enzene			1	Ū	
96-12-8	3	1,2	2-Dibromo-3	-chloropror	bane		1	Ū	J
120-82-	-1	1,2	2,4-Trichloro	benzene			1	U	T
87-68-3	8	He	xachlorobu	tadiene			1	U	7
87-61-6	;	1,2	,3-Trichlord	benzene			1	Ū	7

OLC 2.1

		VOLATIL	EORGAN	1E IICS ANALY	YSIS DATA	SHEET		EPA SAM	IPLE NO.
Lab Name:	CAS/RO	TENTA DCH	TIVELY I	DENTIFIED	COMPOL	JNDS SHAW		TRIP B	LANK
Lab Code:	10145	C	ase No.:	R6-31842	SAS No		SD	G No.: 40	)
Matrix: (soil/wa	ater)	WATER			Lat	Sample I	D: §	007764 1.0	
Sample wt/vol	:	25.0	(g/ml)	ML	Lab	File ID:	٦	7854.D	
Level: (low/m	ed)	LOW			Dat	e Receive	d: [	)5/24/06	
% Moisture: no	ot dec.	<u></u>			Dat	e Analyze	d: <u>C</u>	6/01/06	
GC Column:	CA-62	<u>4</u> ID: <u>(</u>	).18 (m	nm)	Dilu	tion Facto	r: <u>1</u>	.0	
Soil Extract Vo	olume:		(uL)		Soil	Aliquot Vo	olum	e:	(uL
•		•		CON	CENTRAT		S:		
Number TICs f	ound:	0		(ug/L	or ug/Kg)	UG/L			
CAS NO.		СОМРО	UND			RT	EST	. CONC.	Q

	,			λ - ΛΝΙΛΙ Μ			ест	EPA S	SAMPLE	NO.
Lab Name:	CAS/RC		UNGANICO		SIS DA			cooi	ER BLA	NK
Lab Code:	10145	<u>, , , , , , , , , , , , , , , , , , , </u>		21010	SAC	л. <u>Ог</u>	<u>1/1/1/1</u>			
Lab Code.	10145			-31042	343	INO.:	C	DG NO.:	4D	
Matrix: (soil/v	vater)	WATER			I	Lab Sa	mple ID:	907765	1.0	
Sample wt/vo	ol:	25.0	(g/ml) ML	-	· .	Lab Fil	e ID:	T7882.D	)	
Level: (low/n	ned)	LOW			ſ	Date R	eceived.	05/24/06	3	
% Moisture: r	, not dec		_		- r	Date A	nolvzod:	06/02/06		
		· · · · · ·	······································		Ľ	Jale A	nalyzeu:	06/02/06	<b>)</b>	
GC Column:	CA-624	11D: <u>0.</u>	<u>18</u> (mm)			Dilutior	Factor:	1.0	· · · · · · · · · · · · · · · · · · ·	
Soil Extract V	'olume: _		(uL)		5	Soil Ali	quot Volu	me:	х. ¹ .	(uL)
								<u></u>		. ,
				CONC	CENTR	ATION	UNITS:			
CAS NO		COMPO	DUND	(ug/L d	or ug/K	g)	UG/L		Q	
74 07 0	>	Chlor								
75_01	כ 1		Chloride			······		1	<u>U</u>	_
74_93_0	<u>,</u>	Brome	oniunue					1		
74-03-8	2	Chlore					+	1	<u> </u>	
75-60-0	, l	Trichle	rofluoromot	hana				1	<u> </u>	
75-35-4			chloroethop					1	<u> </u>	-
67-64-1	·	Acetor								-
75-15-0		Carbo	n Diculfido					5	0.7	-
75-10-0	)	Mothu	In Disullide		·			1	<u> </u>	_
156.60	5	tropo	L2 Disblare	<u>e</u>	• • · · · · · · · · · · · · · · · · · ·			1		_
75 24 2	· <u>J</u>		I,∠-DICNIOFO€	etnene		• • • • • • • • • • • • • • • • • • • •		1	U	4
156 50	<u> </u>		Disblasset	<u>}</u>				1	U	
79 02 2	Z			ene			+	1	U	-
76-93-3		Z-Buta	none (MEK)					5	<u> </u>	
74-97-3		Bromo	<u>cniorometna</u>	ine		····		1	<u> </u>	
07-00-3	0		torm			<u> </u>		1	<u> </u>	-
107-06-	2	1,2-DIC	hloroethane				l	1	U	1
71-55-6		1,1,1-1	richloroetha	ne				1	<u> </u>	1
56-23-5		Carbon	tetrachlorid	e				1	U	]
/1-43-2		Benzer	<u>1e</u>					1	<u> </u>	
79-01-6		Irichio	roethene					1	<u> </u>	
78-87-5		1,2-Dic	hloropropan	e				1	U	
75-27-4		Bromoc	dichlorometh	ane				1	<u> </u>	
10061-0	1-5	<u>cis-1,3-</u>	Dichloroprop	pene				1	<u> </u>	
108-10-1	<u> </u>	4-Methy	vl-2-Pentano	ne				5	<u> </u>	
108-88-3	3	Ioluene	•					1	U	]
10061-02	2-6	trans-1,	3-Dichlorop	ropene				1	U	
79-00-5		<u>1,1,2-Tr</u>	ichloroethar	ne				1	U	
127-18-4	•	Tetrach	loroethene					1	U	
591-78-6	<b>j</b>	2-Hexar	none					5	U	
124-48-1		Dibromo	ochlorometh	ane				1	U	
106-93-4		1,2-Dibr	omoethane					1	U	
108-90-7		Chlorob	enzene					1	U	
100-41-4		Ethylber	nzene					1	U	
1330-20-	7	(m+p) X	ylene					1	U	
1330-20-	7	o-Xylene	<u> </u>					1	U	
100-42-5		Styrene						1	U	
79-34-5		1,1,2,2-7	<b>Tetrachloroe</b>	thane				1		
75-25-2		Bromofo	rm					1	<del>ŭ</del>	
541-73-1		1,3-Dich	lorobenzene	•				1	U U	

1A VOLATILE ORGANICS ANALYSIS DATA SHEET								EPA SAMPLE NO.			
Lab Name:	CAS/RC	CH			Contract:	SHAW	COOLER BLAN			.ANK	
Lab Code:	10145	Ca	se No.:	R6-31842	SAS No	.:	SD	G No.: 4	4D		
Matrix: (soil/v	vater)	WATER	_		Lal	b Sample IE	): §	07765 1	.0		
Sample wt/vo	d:	25.0	(g/ml)	ML	Lat	o File ID:	ן	[7882.D		_	
Level: (low/m	ned)	LOW			Dat	te Received	l: <u>c</u>	)5/24/06			
% Moisture: r	not dec.				Dat	te Analyzed	: 0	6/02/06		_	
GC Column:	CA-624	1D: <u>0.</u>	<u>18</u> (m	m)	Dilu	ution Factor	: 1	.0			
Soil Extract V	olume:		_ (uL)		Soi	l Aliquot Vo	lum	e:		(uL)	
				CON	CENTRAT	ION UNITS					
CAS NO	•	COMPO	DUND	(ug/L	or ug/Kg)	UG/L			Q		
106-46	-7	1,4-Di	chlorobe	nzene				1	U		
95-50-1		1,2-Di	chlorobe	nzene				1	U		

1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Hexachlorobutadiene 1,2,3-Trichlorobenzene

96-12-8

120-82-1

87-68-3

87-61-6

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TENTATIVELY IDENTIFIED COMPOUNDS         Lab Name:       CAS/ROCH       Contract:       SHAW         Lab Code:       10145       Case No.:       R6-31842       SAS No.:       SDG No.:       4D         Matrix:       (soil/water)       WATER       Lab Sample ID:       907765 1.0       Sample wt/vol:       25.0       (g/ml) ML       Lab File ID:       T7882.D         Level:       (low/med)       LOW       Date Received:       05/24/06         % Moisture: not dec.       Date Analyzed:       06/02/06         GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soil Extract Volume:			E S ANALYSIS DATA	SHEET	EPA SAMP	LE NO.
Lab Code:       10145       Case No.:       R6-31842       SAS No.:       SDG No.:       4D         Matrix:       (soil/water)       WATER       Lab Sample ID:       907765 1.0         Sample wt/vol:       25.0       (g/ml)       ML       Lab File ID:       T7882.D         Level:       (low/med)       LOW       Date Received:       05/24/06         % Moisture: not dec.       Date Analyzed:       06/02/06         GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soil Extract Volume:	Lab Name: CAS/R		Contract:	JNDS SHAW	COOLER	BLANK
Matrix: (soil/water)       WATER       Lab Sample ID:       907765 1.0         Sample wt/vol:       25.0       (g/ml) ML       Lab File ID:       T7882.D         Level: (low/med)       LOW       Date Received:       05/24/06         % Moisture: not dec.       Date Analyzed:       06/02/06         GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soil Extract Volume:	Lab Code: 10145	Case No.: R6	-31842 SAS No	.:	SDG No.: 4D	·
Sample wt/vol:         25.0         (g/ml) ML         Lab File ID:         T7882.D           Level:         (low/med)         LOW         Date Received:         05/24/06           % Moisture: not dec.         Date Analyzed:         06/02/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:	Matrix: (soil/water)	WATER	Lat	Sample ID	: 907765 1.0	
Level: (low/med)       LOW       Date Received:       05/24/06         % Moisture: not dec.       Date Analyzed:       06/02/06         GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soil Extract Volume:	Sample wt/voi:	25.0 (g/ml) M	LLat	File ID:	T7882.D	
% Moisture: not dec.	Level: (low/med)	LOW	Dat	e Received	: 05/24/06	
GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soil Extract Volume:	% Moisture: not dec.		Dat	e Analyzed	06/02/06	-
Soil Extract Volume:       (uL)       Soil Aliquot Volume:       (uL)         CONCENTRATION UNITS:       (ug/L or ug/Kg)       UG/L         Number TICs found:       0       RT       EST. CONC.       Q	GC Column: CA-62	24 ID: <u>0.18</u> (mm)	Dilu	tion Factor:	1.0	
Number TICs found:       0       0       UG/L         CAS NO.       COMPOUND       RT       EST. CONC.       Q	Soil Extract Volume:	(uL)	Soil	Aliquot Vol	ume:	(uL)
CAS NO. COMPOUND RT EST. CONC. Q	Number TICs found:	0	CONCENTRAT (ug/L or ug/Kg)	ON UNITS: UG/L		
CAS NO. COMPOUND RT EST. CONC. Q						
	CAS NO.	COMPOUND	· •	RT E	ST. CONC.	Q

					EPA S	AMPLE	NO.
Lab Name: CA	S/ROCH		otract: SH		D	GC-3S	
Lab Code: 101	45 Case Nr	. R6-31842		<u></u>		40	
				C	DG NU	4U	
Matrix: (soil/water	) <u>WATER</u>		Lab Sa	imple ID:	908114	1.0	
Sample wt/vol:	<u>25.0</u> (g/n	nl) <u>ML</u>	Lab Fil	e ID:	T7856.D	I .	
Level: (low/med)	LOW		Date R	eceived:	05/25/06		
				cccived.	00/20/00		
% Moisture: not a	ec.		Date A	nalyzed:	06/01/06	<u> </u>	
GC Column: CA	<u>-624</u> ID: <u>0.18</u>	(mm)	Dilution	Factor:	1.0		
Soil Extract Volum	ie: (uL	)	Soil Ali	auot Volu	me:		(ul.)
		· .				· '	(42)
		CONCE	ITRATION	UNITS:			
CAS NO.	COMPOUND	) (ua/L or u	Ja/Ka)	UG/L	•	0	
		(-9,	-33/			~~	
74-87-3	Chlorometh	ane			1	U	7
75-01-4	Vinyl Chlori	de			1	Ū	-1
74-83-9	Bromometh	ane			1	U	-1
75-00-3	Chloroethar	ne			1	U	
75-69-4	Trichlorofluc	promethane			1	U	
75-35-4	1,1-Dichloro	ethene			1	U	
67-64-1	Acetone				5	U	
75-15-0	Carbon Disu	ulfide			1	<u> </u>	
75-09-2	Methylene C	Chloride			1	<u> </u>	I.
156-60-5	trans-1,2-Die	chloroethene			1	U	_
75-34-3	1,1-Dichloro	ethane			1	<u> </u>	_
156-59-2	cis-1,2-Dichl	loroethene			1	U	4
78-93-3	2-Butanone	(MEK)			5	<u> </u>	
74-97-5	Bromochlord	methane			1	<u> </u>	_
07-00-3		- 41			1	<u> </u>	
71 55 6				l	1	<u> </u>	-
71-00-0 56 22 5		roetnane			1	<u> </u>	-
71-13-2	Bonzono	chionae			1	<u> </u>	4
70-01-6	Trichloroothc				1	<u> </u>	
78-87-5	1.2-Dichloror					<u> </u>	
75-27-4	Bromodichlo	romethane			1	<u> </u>	-
10061-01-5	cis-1 3-Dichl					<u> </u>	-
108-10-1	4-Methyl-2-P	entanone			5		-
108-88-3	Toluene	ornarione			1	<u> </u>	1
10061-02-6	trans-1.3-Dic	hloropropene			1	<u> </u>	1
79-00-5	1.1.2-Trichlor	oethane			1	<u> </u>	
127-18-4	Tetrachloroet	hene			1	<u> </u>	
591-78-6	2-Hexanone				5	<u> </u>	
124-48-1	Dibromochlor	omethane			1	<u> </u>	
106-93-4	1,2-Dibromoe	thane			1	<u> </u>	
108-90-7	Chlorobenzer	ne			1	Ū	
100-41-4	Ethylbenzene	1			1	<u> </u>	
1330-20-7	(m+p) Xylene			· ·	1	Ŭ	
1330-20-7	o-Xylene		1		1	Ū	
100-42-5	Styrene				1	Ū	
79-34-5	1,1,2,2-Tetrac	hloroethane	+	<u></u>	1	Ū	
75-25-2	Bromoform				1	Ū	
541-73-1	1,3-Dichlorobe	enzene			1	Ū	

	,		ICCT	EPA SAMPLE NO					
Lab Name:	CAS/RC			Conti	ract: <u>S</u> F	IAW	D		
Lab Code:	10145	Ca	se No.: R6-3	31842 SA	S No.:	S	DG No.:	4D	
Matrix: (soil/w	/ater)	WATER	_		Lab Sa	mple ID:	908114 1	.0	
Sample wt/vo	4:	25.0	(g/ml) ML		Lab Fil	e ID:	T7856.D		
Level: (low/m	ned)	LOW			Date R	eceived:	05/25/06		
% Moisture: n	ot dec.		-		Date A	nalyzed:	06/01/06		
GC Column:	CA-624	1 ID: 0.4	18 (mm)		Dilution	Factor:	1.0		
Soil Extract V	olume:		(uL)		Soil Alio	quot Volu	me:		(uL)
				CONCENT	RATION	UNITS:			
CAS NO.	,	COMPO	DUND	(ug/L or ug	/Kg)	UG/L		Q	
106-46-	7	1,4-Di	chlorobenzen	e		1	1		
95-50-1		1,2-Di	chlorobenzen	e			1	<u>U</u>	
96-12-8		1,2-Di	bromo-3-chlo	ropropane			1	<u> </u>	7
120-82-	1	1,2,4-7	<b>Frichlorobenz</b>	ene			1	<u> </u>	1
87-68-3		Hexac	hlorobutadier	ne			1	<u> </u>	
87-61-6		1,2,3-1	1,2,3-Trichlorobenzene				1	U	ภ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

DGC-3S Lab Name: CAS/ROCH Contract: SHAW Lab Code: 10145 Case No.: R6-31842 SAS No.: SDG No.: 4D Matrix: (soil/water) WATER Lab Sample ID: 908114 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7856.D Level: (low/med) LOW Date Received: 05/25/06 % Moisture: not dec. Date Analyzed: 06/01/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Number TICs found: 0 CAS NO. COMPOUND RT EST. CONC. Q

EPA SAMPLE NO.

	V							EPA S	SAMPLE	NO.
				ANALIS					DGC-4S	
ab Name:	CAS/RU	СН		C	Contrac	st: SI	HAW	_ L		
ab Code:	10145	C	Case No.: R6-	31842	SAS	No.:	S	DG No.:	4D	·····
fatrix: (soil/wa	ater)	WATER	<u></u>		ł	Lab Sa	ample ID:	908115	1.0	
ample wt/vol	•	25.0	(g/mi) ML			Lab Fi	le ID:	T7857.	D	
ovol: (low/m/	od) ⁻						De e e b ve du	05/05/0		
	eu)		<u> </u>		l	Date F	keceived:	05/25/0	6	
Moisture: no	ot dec.				I	Date A	Analyzed:	06/01/0	6	
C Column:	CA-624	ID: (	).18 (mm)		I	Dilutio	n Factor:	1.0		
oil Extract Va			(ul )						· · · · · · · · · · · · · · · · · · ·	
			(uc)		,		iquot volu	me:		(uL)
				CONC	CNTD		LINITO			
		COM							•	
CAS NO.		COM		(ug/L o	or ug/K	g)	UG/L		Q	
74-87-3		Chlo	romethane	<u> </u>				1		
75-01-4		Vinv	I Chloride		<u></u>			<u> </u>		
74-83-9		Bror	nomethane					1		
75-00-3		Chlo	roethane					1	Ū	
75-69-4		Trich	nlorofluorometh	nane				1	U	
75-35-4		1,1-1	<u>Dichloroethene</u>	)				1	U	
67-64-1		Acet	one					5	UC	5
75-15-0		Carb	on Disulfide					1	U	
75-09-2		Meth	ylene Chloride	<u>)                                     </u>				1	<u> </u>	
156-60-5	5	trans	-1,2-Dichloroe	thene				1	<u> </u>	
75-34-3		1,1-L	Dichloroethane	l				1	<u> </u>	_
100-09-2	<u> </u>		<u>,2-Dicnioroetni</u>	ene				1		
74 07 5		2-DU Brom	anone (MEK)					5		시
67-66-3	••••••••••••••••••••••••••••••••••••••	Chlor	roform	lie				1		
107-06-2	>	12-	)ichloroethane					1		_
71-55-6		1.1.1	-Trichloroethau	ne				1		-
56-23-5		Carb	on tetrachlorid	e	· · · · · · · · · · · · · · · · · · ·			1		-
71-43-2		Benz	ene					1		-
79-01-6		Trich	loroethene				1	1	U	
78-87-5		1,2-D	ichloropropane	e		• • • • •		1	U	1
75-27-4		Brom	odichlorometh	ane				1	U	-
10061-01	-5	cis-1,	3-Dichloroprop	bene				1	U	1
108-10-1		4-Met	thyl-2-Pentano	ne				5	U	
108-88-3		Tolue	ne					1	U	
10061-02	:-6	trans-	1,3-Dichloropr	opene				1	<u> </u>	_
79-00-5		1,1,2-	Trichloroethan	e				1	<u> </u>	
127-18-4		letra	chloroethene					1	U	_
591-78-0		Z-Hex	anone					5		_
124-40-1			hochiorometha	ane				1	<u> </u>	-
108-93-4								1	<u> </u>	-
100-90-7		Ethylb						<u> </u>	<u> </u>	4
1330-20-7	7	(m+n)	Xviene					 		-
1330-20-7	7	o-Xvle	ne					1	U 11	-
100-42-5		Styren				<u></u>				4
79-34-5		1.1.2 2	2-Tetrachloroe	thane	··			1	<u> </u>	1
75-25-2		Bromo	form					1	<u> </u>	-
541-73-1		1.3-Die	chlorobenzene	 !				1	11	1
···									<u> </u>	1

	EPA SA	NO.							
Lab Name:	CAS/ROC	эн <u>(нее опол</u> я) Эн		Contract:	SHAW	DC	DGC-4S		
Lab Code:	10145	Case No.:	R6-31842	SAS No.	s s	DG No.:	4D		
Matrix: (soil/w	vater) <u>V</u>	VATER		Lab	Sample ID:	908115 1	.0		
Sample wt/vo	l: <u>2</u>	. <u>5.0 (g</u> /ml)	ML	Lab	File ID:	T7857.D			
Level: (low/m	ned) <u>L</u>	OW		Date	Received:	05/25/06			
% Moisture: r	ot dec.			Date	Analyzed:	06/01/06			
GC Column:	CA-624	ID: <u>0.18</u> (m	ım)	Dilut	ion Factor:	1.0			
Soil Extract V	olume:	(uL)		Soil	Aliquot Volu	me:	ne:		
			CON	CENTRATIO	ON UNITS:				
CAS NO.		COMPOUND	(ug/L	or ug/Kg)	UG/L		Q		
106-46-	7	1,4-Dichlorobe	enzene	·····		1	U		
95-50-1		1,2-Dichlorobe	enzene			1	<u> </u>		
96-12-8		1,2-Dibromo-3	-chloroprop	ane		1	<u> </u>	rd –	
120-82-	1	1,2,4-Trichlord	1.2.4-Trichlorobenzene					7	
07.00.0				·					

1,2,4-Trichlorobenzene Hexachlorobutadiene 1,2,3-Trichlorobenzene

87-68-3

87-61-6

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	VOLAT	1E LE ORGANICS AN	ALYSIS DATA	SHEET		EPA SAM	PLE NO.
Lab Name: 0	TEN CAS/ROCH	TATIVELY IDENTIF	Contract: SHAW				
Lab Code: 1	0145	Case No.: R6-318	42 SAS No	.:	SDO	G No.: 4D	
Matrix: (soil/wa	ter) WATE	R	Lat	o Sample	ID: 9	08115 1.0	
Sample wt/vol:	25.0	(g/ml) <u>ML</u>	Lat	File ID:	Т	7857.D	
Level: (low/me	d) <u>LOW</u>		Dat	te Receiv	ed: 0	5/25/06	
% Moisture: no	t dec.		Dat	e Analyz	ed: 0	6/01/06	
GC Column:	CA-624 ID:	<u>0.18</u> (mm)	Dik	ution Fact	tor: 1.	.0	
Soil Extract Vol	ume:	(uL)	Soi	Aliquot	Volume	ə:	(uL)
		C	ONCENTRAT		TS:		
Number TICs fo	ound: 0	(u	g/L or ug/Kg)	UG/I	L		
CAS NO.	COMF	OUND		RT	EST.	CONC.	Q

						<b>TA</b> (		EPA S	SAMPLE	NO.
Lab Name:	CAS/RO	DCH	ORGANIC		Contrac	t: S	SHAW		M-33I	
Lab Code:	10145	Ca	ase No.: Rf	5-31842	SAS	– No ·	ç			
Motrixy (agil/y				01042	0/10		``		40 ·	
	valer)	WAIER			l	Lab	Sample ID:	908116	1.0	
Sample wt/vo	ol:	25.0	(g/ml) <u>M</u>	L	1	_ab F	File ID:	T7858.E	)	
Level: (low/n	ned)	LOW			I	Date	Received:	05/25/06	8	
0/ Mainturer	nat daa					5010	i cocived.	00/20/00	<u>,</u>	
% woisture: r	iot dec.				i	Jate	Analyzed:	06/01/06	<u> </u>	
GC Column:	CA-62	<u>4</u> ID: <u>0</u> .	<u>18</u> (mm)		[	Dilutio	on Factor:	1.0		
Soil Extract V	/olume:		(uL)		ę	Soil A	liquot Volu	me:		(nl.)
	-						inquot foid		·	(uL)
				CONC	ENTR	ATIC	N UNITS:			
CAS NO	).	COMP			r ua/K	 			0	
	•	00.111		(ug/L 0	i ugnt	9/			Q	
74-87-3	3	Chlor	omethane					1	U	
75-01-4	4	Vinyl	Chloride					1	U	-1
74-83-9	3	Brom	omethane					1	U	
75-00-3	3	Chlor	oethane					1	U	
75-69-4	<u> </u>	Trichl	orofluorome	thane				1	U	
/5-35-4	<u>k</u>	<u>1,1-D</u>	chloroether	ne				1	U	
07-04-1	<u> </u>	Aceto						5		_
75-10-2	) >	Mothy	In Disumae					1		_
156-60-	-5	trans	1 2 Dichlore	Je				1		-
75-34-3	<u> </u>	1 1_Di	chloroethar					1		-
156-59-	-2	cis-1.2	2-Dichloroet	hene				1		-
78-93-3		2-Buta	none (MEK	()				5		1
74-97-5	)	Bromo	chlorometh	ane				1		- ·
67-66-3		Chloro	form					1	Ū	
107-06-2	2	1,2-Die	chloroethan	е				1	U	-
71-55-6		1,1,1-1	<b>Trichloroeth</b>	ane				1	U	
56-23-5		Carbo	n tetrachlori	de		<u></u>		1	U	]
71-43-2		Benze	ne	····				1	<u> </u>	ļ.
79-01-6		I richio	roethene					1	<u> </u>	<b>]</b> .
75.27 4		I,2-DIC	nioropropa	ne	·			1	U	-
10061-0	1-5		Dichloropr					1	<u> </u>	-
108-10-1	<u>1-0</u> 1	4-Meth	vi-2-Pentar						<u> </u>	
108-88-3	3	Toluen	e					<u> </u>		
10061-02	2-6	trans-1	.3-Dichloro	oropene				1		
79-00-5		1,1,2-T	richloroetha	ane	··· · · · ·			1	<u> </u>	
127-18-4	ł	Tetrach	loroethene					1	<u> </u>	
591-78-6	;	2-Hexa	none					5	U	
124-48-1		Dibrom	ochloromet	hane				1	Ū	
106-93-4	•	1,2-Dib	romoethane	Э				1	U	
108-90-7	,	Chlorot	enzene					1	U	
100-41-4		Ethylbe	nzene					1	U	
1330-20-	7	(m+p) >	(ylene					1	U	
1330-20-	1	o-Xylen	e					1	U	
100-42-5		Styrene	Ŧ					1	U	
75 05 0		1,1,2,2-	I etrachloro	ethane			+	1	U	
10-20-2		Bromoto				· · · ·		1	<u>    U      </u>	
547-/3-1		1,3-Dich	llorobenzer	le			1	1	U	

	1A VOLATILE ORGANICS ANALYSIS DATA SHEET								EPA SAMPLE		
Lab Name:	CAS/RO				Contract:	SHAW			M-33I		
Lab Code:	10145		Case No.:	R6-31842	SAS No	.:	SD	G No.:	4D		
Matrix: (soil/w	/ater)	WATE	<del>२</del>		Lat	o Sample II	D: 9	908116	1.0		
Sample wt/vo	l:	25.0	(g/ml)	ML	Lat	File ID:	ר	[7858.D	)		
Level: (low/m	ned)	LOW			Dat	te Receive	d: C	)5/25/06	3		
% Moisture: n	ot dec.				Dat	te Analyzeo	1: 0	06/01/06	;		
GC Column:	CA-624	D:	<u>0.18</u> (m	ım)	Dilu	ution Factor	: 1	.0			
Soil Extract V	olume: _		(uL)		Soi	l Aliquot Vo	lum	e:	· · ·	(uL)	
				CON	CENTRAT		S:				
CAS NO.		CON	IPOUND	(ug/L	or ug/Kg)	UG/L			Q		
106-46-	-7	1,4	-Dichlorobe	enzene				1	U	·	
95-50-1		1,2	-Dichlorobe	enzene				1	U		
96-12-8		1,2	-Dibromo-3	-chloroprop	bane			1	UC	5	

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

Hexachlorobutadiene

120-82-1

87-68-3

87-61-6

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VOLATILE ORGANICS ANALYSIS DATA SHEET	
TENTATIVELY IDENTIFIED COMPOUNDS	

EPA SAMPLE NO.

		TENTA	ATIVELY IDENTIFI	ED COMPO	UNDS			
Lab Name:	CAS/RC	ОСН		Contract:	SHAW		M-33I	
Lab Code:	10145	C	Case No.: <u>R6-3184</u>	12 SAS No	).:	SD	G No.: 4D	
Matrix: (soil/w	vater)	WATER		Lal	b Sample	ID: 9	08116 1.0	
Sample wt/vo	d:	25.0	(g/ml) ML	Lal	b File ID:	Т	7858.D	
Level: (low/m	ned)	LOW		Da	te Receiv	ved: 0	5/25/06	
% Moisture: r	not dec.		· ·	Da	te Analyz	ed: 0	6/01/06	
GC Column:	CA-62	4_ ID: _0	).18 (mm)	Dilu	ution Fact	tor: 1	.0	
Soil Extract V	olume:		(uL)	Soi	I Aliquot	Volum	e:	(uL)
			cc	NCENTRAT	ION UNI	TS:		
Number TICs	found:	0	(uç	/L or ug/Kg)	UG/	L		
CAS NO.		СОМРО	UND		RT	EST.	CONC.	Q

		EPA SAMPLE NO.				
	VOLATILE ORGANICS ANAL		EI		M-33S	
Lab Name: CAS/R	UCH	Contract: SHA	W			
Lab Code: 10145	Case No.: <u>R6-31842</u>	SAS No.:	SDO	G No.:	4D	
Matrix: (soil/water)	WATER	Lab Sam	ple ID: 9	08117	1.0	
Sample wt/vol:	25.0 (g/ml) ML	Lab File I	D: T	7859.D	1	
Level: (low/med)	LOW	Date Rec	eived: 0	5/25/06		
% Moisture: not dec.	<del></del>	Date Ana	lvzed: 0	6/01/06	· · · · · · · · · · · · · · · · · · ·	
GC Column: CA-6	24 ID: 0.18 (mm)	Dilution E	optor: 1	0		
	<u></u> ID. <u>0.10</u> (IIIII)	Dilution F		0		
Soil Extract Volume:	(uL)	Soil Aliqu	ot Volume	e:		(uL)
	CON					
CARINO			NITS:			
CAS NO.		_ or ug/kg)	G/L		Q	
74-87-3	Chloromethane			1	U	-
75-01-4	Vinyl Chloride			1	Ŭ	-
74-83-9	Bromomethane			1	Ŭ	1
75-00-3	Chloroethane			1	U	
75-69-4	Trichlorofluoromethane			1	U	7
75-35-4	1,1-Dichloroethene			1	U	
67-64-1	Acetone			5	<u> </u>	
75-15-0	Carbon Disulfide			1	U	
75-09-2	Methylene Chloride			1	U	
156-60-5	trans-1,2-Dichloroethene			1	U	_
75-34-3	1,1-Dichloroethane			1	U	_
156-59-2	CIS-1,2-Dichloroethene			1	U	4
78-93-3	2-Butanone (MEK)			5	05	4
74-97-0	Chloroform			1	<u> </u>	4
07-00-3				1	<u> </u>	4
71-55-6	1,2-Dichloroethane			1	<u> </u>	-
56-23-5	Carbon tetrachloride			1		4
71-43-2	Benzene			1		-
79-01-6	Trichloroethene			1		1
78-87-5	1 2-Dichloropropage			1	<u> </u>	-
75-27-4	Bromodichloromethane			1		4
10061-01-5	cis-1.3-Dichloropropene			1		-
108-10-1	4-Methyl-2-Pentanone			5	<u> </u>	-
108-88-3	Toluene			1	<u> </u>	
10061-02-6	trans-1,3-Dichloropropene	Э		1	<u> </u>	
79-00-5	1,1,2-Trichloroethane			1	<u> </u>	· ·
127-18-4	Tetrachloroethene			1	U U	
591-78-6	2-Hexanone			5	<u> </u>	
124-48-1	Dibromochloromethane			1	Ū	
106-93-4	1,2-Dibromoethane			1	Ū	
108-90-7	Chlorobenzene			1	Ū	
100-41-4	Ethylbenzene			1	U	
1330-20-7	(m+p) Xylene			1	U	
1330-20-7	o-Xylene			1	U	
100-42-5	Styrene			1	U	
79-34-5	1,1,2,2-Tetrachloroethane			1	U	
75-25-2	Bromoform			1	U	
541-73-1	1,3-Dichlorobenzene			1	U	

	,			1A ICS ANAL				EPA SA	MPLE	NO.
Lab Name:	CAS/RC				Contract:	SHAW		M-	335	×
Lab Code:	10145		Case No.:	R6-31842	SAS No	o.:	SD	G No.: 4	D	
Matrix: (soil/w	water)	WATE	R		La	b Sample ID	): <u>9</u>	08117 1.0	)	
Sample wt/vo	ol:	25.0	(g/ml)	ML	La	b File ID:	T	7859.D		
Level: (low/n	ned)	LOW			Da	te Received	d: 0	5/25/06		
% Moisture: r	not dec.				Da	te Analyzed	l: <u>0</u>	6/01/06		
GC Column:	CA-62	4_ ID:	<u>0.18</u> (m	ım)	Dil	ution Factor	: <u>1</u>	.0		
Soil Extract V	olume:		(uL)		Soi	il Aliquot Vo	lum	e:		(uL)
				CON	ICENTRAT	ION UNITS	5:			<b>.</b> .
CAS NO	).	CO	MPOUND	(ug/L	. or ug/Kg)	UG/L			Q	
106-46	-7	1.4	1-Dichlorobe	enzene				1		

106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	UJ
120-82-1	1,2,4-Trichlorobenzene	1	UT
87-68-3	Hexachlorobutadiene	1	U
87-61-6	1,2,3-Trichlorobenzene	1	UT

1E VOLATILE ORGANICS AN	IALYSIS DATA	ASHEET	EPA SAMPLE NO.
IENTATIVELY IDENTIF	-IED COMPOL	JNDS	
CAS/ROCH	Contract:	SHAW	M-33S

Lab Name:	CAS/ROCH		Contract:	SHAW	M-33	s
Lab Code:	10145	Case No.: <u>R6-3184</u>	2 SAS No	).: S	SDG No.: 4D	
Matrix: (soil/v	water) WAT	ER	La	b Sample ID:	908117 1.0	
Sample wt/vo	ol: <u>25.0</u>	(g/ml) ML	Lal	b File ID:	T7859.D	<b>-</b> .
Level: (low/n	ned) LOW	·	Da	te Received:	05/25/06	
% Moisture: r	not dec.		Da	te Analyzed:	06/01/06	
GC Column:	<u>CA-624</u> ID	: <u>0.18</u> (mm)	Dilu	ution Factor:	1.0	
Soil Extract V	′olume:	(uL)	Soi	l Aliquot Volu	ume:	(uL)
Number TICs	found:(	CC (ug	NCENTRAT /L or ug/Kg)	ION UNITS: UG/L		
CAS NO.	COM	POUND	- <u>.</u>	RT ES	ST. CONC.	0

Lab Name:         CAS/ROCH         Contract:         SHAW           Lab Code:         10145         Case No.:         R6-31842         SAS No.:         SDG No.:         4D           Lab Code:         10145         Case No.:         R6-31842         SAS No.:         SDG No.:         4D           Matrix:         (soli/water)         WATER         Lab Sample W/vol:         25.0         (g/mi)         ML         Lab Fiel D:         70:860.D           Level:         (low/med)         LOW         Date Received:         05/25/06         90:00           % Moisture:         not dec.         Date Analyzed:         06/01/06         GC           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ugl. or ug/Kg)         UG/L         Q         74-87-3         Chloromethane         1         U         75-90-4         Tirchorofluoromethane         1         U         75-90-4         10         75-90-4         10         75-90-4         11-Dichoroethane         1         U         75-90-4         10         10		١		EPA SAMPLE NO.		
Lab Code:         D145         Case No.:         R6-31642         SAS No.:         SDG No.:         4D           Lab Code:         10145         Case No.:         R6-31642         SAS No.:         SDG No.:         4D           Matrix (sollwater)         WATER         Lab Sample ID:         908118 1.0           Sample wi/vol:         25.0         (g/mi) ML         Lab File ID:         T7860.D           Level:         (low/med)         LOW         Date Received:         05/25/06           % Moisture:         not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         Q           CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U         75-09-4         Trichlorofluoromethane         1         U           75-09-4         Trichlorofluoromethane         1         U         75-99-2         Methylene Chloride         1         U           75-09-2         Carbon Disulifde         1 <th>Lah Name:</th> <th>CASIDO</th> <th></th> <th>M-24D</th> <th></th>	Lah Name:	CASIDO		M-24D		
Autrix (soli/water)         WATER         Lab Sample ID:         908118 1.0           Sample wivot:         25.0         (g/ml) ML         Lab File ID:         T7860.D           Level:         (low/med)         LOW         Date Received:         05/25/06           % Moisture: not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U         75-89-4         1/1-0           75-89-4         Trichlorofluoromethane         1         U         75-89-4         1/1-0           75-89-2         Methylene Chloride         1         U         1/1         1/1           76-89-2         Methylene Chloride         1         U         1/1         1/1           76-99-2         Methylene Chloride         1         U         1/1         1/1           76-99-2         Methylene Chloride         1         U         1/2         1/2         1/	Lab Name.	10145	Case No : R6-31842 SAS No : SDG No	40		
Math. (summate)         VATER         Lab Sample ID: 9081181.0           Sample wilvol:         25.0         (g/m)         ML         Lab File ID:         T7860.D           Sample wilvol:         25.0         (g/m)         ML         Lab File ID:         T7860.D           Somple wilvol:         LOW         Date Received:         06/25/06           % Moisture: not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         Q           CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U         175-00-2         10         10           75-89-4         Trichlorofluoromethane         1         U         175-89-2         11-Dichloroethane         1         U           75-80-2         Methylene Chloride         1         U         176-89-2         10         178-89-2         10         178-89-2         10         178-89-2         10         178-89-2         11.1-Dichloroethane         1	Motrix: (soil/w	(otor)	SUBCTION SUBTION SUBTION	<u>40</u>		
Sample wilvol:         25.0         (g/m) ML         Lab File ID:         T7860.D           Level:         (low/med)         LOW         Date Received:         05/25/06           % Moisture: not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:		aler)	Lab Sample ID: 908118	3 1.0		
Level:         (low/med)         LOW         Date Received:         05/25/06           % Moisture: not dec.	Sample wt/vol	l:	25.0 (g/ml) ML Lab File ID: T7860.	D		
% Moisture: not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:	Level: (low/m	ed)	LOW Date Received: 05/25/0	6		
GC Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       1.0         Soll Extract Volume:       (uL)       Soil Aliquot Volume:       (uL)         Soll Extract Volume:       (uL)       Soil Aliquot Volume:       (uL)         CONCENTRATION UNITS:       CAS NO.       COMPOUND       (ug/L or ug/Kg)       UG/L       Q         74-87-3       Chioromethane       1       U       V       V       V       Q         74-87-3       Chioromethane       1       U       V       V       Q         74-87-3       Chioromethane       1       U       V       V       V       Q         74-87-3       Chioromethane       1       U       V       V       Q       V       V       Q         74-87-3       Bromomethane       1       U       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V       V	% Moisture: n	ot dec.	Date Analyzed: 06/01/0	6		
Soil Extract Volume:	GC Column	CA-624	L ID: 0.18 (mm) Dilution Eastern 1.0			
Soli Extract Volume:         (uL)         Soli Aliquot Volume:         (uL)           CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U           74-87-3         Chloromethane         1         U           74-87-3         Chloromethane         1         U           74-87-3         Chloromethane         1         U           75-03         Chloromethane         1         U           75-04-4         Trichlorofuluromethane         1         U           75-15-0         Carbon Disulfide         1         U           75-15-0         Carbon Disulfide         1         U           76-94-2         Methylene Chlorotee         1         U           76-95         Bromochloromethane         1         U           76-96-2         Chlororothane         1 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>						
CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U           75-01-4         Vinyl Chloride         1         U           75-01-4         Vinyl Chloride         1         U           75-01-4         Vinyl Chloride         1         U           75-01-4         Vinyl Chlorotethane         1         U           75-03-         Chloromethane         1         U           75-04-1         Acetone         5         U           75-15-0         Carbon Disulfide         1         U           75-09-2         Methylene Chloride         1         U           75-34-3         1,1-Dichloroethene         1         U           75-34-3         1,1-Dichloroethene         1         U           75-34-3         1,1-Dichloroethene         1         U           76-86-3         Chloroform         0-5         J           71-97-5         Bromochloromethane         1         U           71-85-6         1,1,1-Trichloroethane         1         U           71-87-5         1-2-Dichloropethane         1         U           75-87-5         1-2	Soll Extract Vo	olume:	(uL) Soil Aliquot Volume:	(uL)		
CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         1         U           75-01-4         Vinyl Chloride         1         U           75-00-3         Chloromethane         1         U           75-00-3         Chloromethane         1         U           75-00-3         Chloromethane         1         U           75-35-4         1,1-Dichloroethene         1         U           75-35-4         1,1-Dichloroethene         1         U           75-15-0         Carbon Disulfide         1         U           75-99-2         Methylene Chloride         1         U           75-34-3         1,1-Dichloroethene         1         U           75-34-3         1,1-Dichloroethene         1         U           76-60-5         Trans-1,2-Dichloroethene         1         U           76-86-3         Chloroform         0.5         J           107-06-2         1,2-Dichloroethane         1         U           71-43-2         Benzene         1         U           75-27-4         Bromochloromethane         1         U           75-27-4         B						
CASINO.         COMPOUND         (UgrL or Ug/Kg)         UgrL         Q           74-87-3         Chloromethane         1         U           75-01-4         Vinyl Chloride         1         U           75-01-3         Erromomethane         1         U           75-00-3         Chloroethane         1         U           75-69-4         Trichloroflucomethane         1         U           75-69-5         Carbon Disulfide         1         U           67-64-1         Acetone         5         U_J           75-15-0         Carbon Disulfide         1         U           75-69-2         Methylene Chloride         1         U           75-60-5         trans-1,2-Dichloroethane         1         U           76-63-6         frans-1,2-Dichloroethane         1         U           76-63-3         Chloroform         0,5         J           107-06-2         1,2-Dichloroethane         1         U           71-85-6         1,1,1-Trichloroethane         1         U           74-87-5         Bromochloromethane         1         U           70-06-2         1,2-Dichloropropane         1         U           71-65-6 </td <td>CASNO</td> <td></td> <td>COMPOUND (us/l save///c) US/l</td> <td>-</td> <td></td>	CASNO		COMPOUND (us/l save///c) US/l	-		
74-87-3       Chloromethane       1       U         75-01-4       Vinyl Chloride       1       U         75-03-3       Chloroethane       1       U         75-00-3       Chloroethane       1       U         75-00-3       Chloroethane       1       U         75-00-3       Chloroethane       1       U         75-35-4       1,1-Dichloroethene       1       U         75-35-0       Carbon Disulfide       1       U         75-09-2       Methylene Chloride       1       U         75-35-3       1,1-Dichloroethene       1       U         75-34-3       1,1-Dichloroethene       1       U         76-60-5       trans-1,2-Dichloroethene       1       U         76-61-3       Chloroform       0.5       J         74-97-5       Bromochloromethane       1       U         76-66-3       Chloroform       0.5       J         107-06-2       1,2-Dichloroethane       1       U         76-86-3       Chloroform       0.5       J         107-06-2       1,2-Dichloroethane       1       U         76-87-5       1,2-Dichloroethene       1       U <td>CAS NO.</td> <td></td> <td>COMPOUND (ug/L or ug/Kg) UG/L</td> <td>Q</td> <td></td>	CAS NO.		COMPOUND (ug/L or ug/Kg) UG/L	Q		
75-01-4       Vinyl Chloride       1       U         74-83-9       Bromomethane       1       U         75-00-3       Chloroethane       1       U         75-69-4       Trichlorofluoromethane       1       U         75-36-4       1,1-Dichloroethene       1       U         67-64-1       Acetone       5       U         75-15-0       Carbon Disulfide       1       U         75-08-2       Methylene Chloride       1       U         75-34-3       1,1-Dichloroethene       1       U         75-34-3       1,1-Dichloroethene       1       U         75-34-3       1,1-Dichloroethene       1       U         76-87-2       cls-1,2-Dichloroethene       1       U         76-83-3       Chloroform       0,5       J         74-97-5       Bromochloromethane       1       U         77-55-6       1,2-Dichloroethane       1       U         71-55-6       1,1.1-Trichloroethane       1       U         72-55-6       Carbon tetrachloride       11       U         71-43-2       Benzene       1       U         75-27-4       Bromodichloromethane       1	74-87-3		Chloromethane 1			
74-83-9       Bromomethane       1       U         75-00-3       Chloroethane       1       U         75-00-3       Chloroethane       1       U         75-00-3       Chloroethane       1       U         75-35-4       1,1-Dichloroethene       1       U         67-64-1       Acetone       5       U       T         75-15-0       Carbon Disulfide       1       U         156-60-5       trans-1,2-Dichloroethene       1       U         156-60-5       trans-1,2-Dichloroethene       1       U         156-59-2       cls-1,2-Dichloroethene       1       U         74-97-5       Bromochloroethane       1       U         74-97-5       J.2-Dichloroethane       1       U         79-01-6       Trichloroethane <td>75-01-4</td> <td></td> <td>Vinyl Chloride 1</td> <td>U</td> <td></td>	75-01-4		Vinyl Chloride 1	U		
75-00-3       Chloroethane       1       U         75-69-4       Trichlorofluoromethane       1       U         75-35-4       1,1-Dichloroethene       1       U         67-64-1       Acetone       5       U       T         75-15-0       Carbon Disulfide       1       U       U         75-15-0       Carbon Disulfide       1       U         75-34-3       1,1-Dichloroethene       1       U         156-60-5       trans-1,2-Dichloroethene       1       U         75-34-3       1,1-Dichloroethene       1       U         166-59-2       cis-1,2-Dichloroethene       1       U         76-63       Chloroform       0.5       U       T         74-97-5       Bromochloromethane       1       U       T         74-97-5       Bromochloromethane       1       U       T         74-97-5       Carbon tetrachloride       11       U       T         74-97-5       Carbon tetrachloride       11       U       T         74-97-5       1,2-Dichloroethane       1       U       U       T         78-27-4       Bernzene       1       U       U       U	74-83-9		Bromomethane 1	U		
75-69-4       Trichlorofluoromethane       1       U         75-35-4       1,1-Dichloroethene       1       U         67-64-1       Acetone       5       U         75-15-0       Carbon Disulfide       1       U         75-09-2       Methylene Chloride       1       U         156-60-5       trans-1,2-Dichloroethene       1       U         156-60-5       trans-1,2-Dichloroethene       1       U         75-33       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       1       U         74-97-5       Bromochloromethane       1       U         67-66-3       Chloroform       0.5       J         107-06-2       1,2-Dichloroethane       1       U         71-55-6       1,1-Trichloroethane       1       U         76-23-5       Carbon tetrachloride       11       T         71-43-2       Benzene       1       U         76-87-5       1,2-Dichloropropane       1       U         76-87-5       1,2-Dichloropropane       1       U         108-10-1       4-Methyl-2-Pentanone       5       U         108-88-3       Toluene	75-00-3		Chloroethane 1	U		
$1^{5-35-4}$ 1,1-Dichloroethene         1         U $0^{7-64+1}$ Acetone         5         U $75-15-0$ Carbon Disulfide         1         U $75-09-2$ Methylene Chloride         1         U $1^{5-00-5}$ trans-1,2-Dichloroethene         1         U $1^{5-34-3}$ 1,1-Dichloroethene         1         U $1^{5-34-3}$ 1,1-Dichloroethene         1         U $1^{5-30-2}$ cis-1,2-Dichloroethene         1         U $78-93-3$ 2-Butanone (MEK)         5         U $74-97-5$ Bromochloromethane         1         U $74-97-5$ Bromochloromethane         1         U $74-97-5$ Chloroform         0.5         J $107-06-2$ 1,2-Dichloroethane         1         U $71-43-2$ Benzene         1         U $56-23-5$ Carbon tetrachloride         11         U $78-67-5$ 1,2-Dichloropropane         1         U $76-27-4$ Bromodichloromethane         1         U	75-69-4		Trichlorofluoromethane 1	U		
07-04-1         Accelone         5         U           75-15-0         Carbon Disulfide         1         U           75-09-2         Methylene Chloride         1         U           156-60-5         trans-1,2-Dichloroethene         1         U           75-34-3         1,1-Dichloroethene         1         U           75-34-3         1,1-Dichloroethene         1         U           76-60-5         trans-1,2-Dichloroethene         1         U           76-33         2-Butanone (MEK)         5         U           74-97-5         Bromochloromethane         1         U           74-97-5         Bromochloromethane         1         U           74-97-5         Bromochloromethane         1         U           75-66         1,1,1-Trichloroethane         1         U           76-23-5         Carbon tetrachloride         11         U           78-87-5         1,2-Dichloropropane         1         U           78-87-5         1,2-Dichloropropane         1         U           78-87-5         1,2-Dichloropropene         1         U           108-10-1         4-Methyl-2-Pentanone         5         U           108-88-3<	75-35-4		1,1-Dichloroethene 1	U		
10-10-0         Calibrit Distince         1         U           75-09-2         Methylene Chloride         1         U           156-60-5         trans-1,2-Dichloroethene         1         U           75-34-3         1,1-Dichloroethane         1         U           156-59-2         cis-1,2-Dichloroethene         1         U           156-59-2         cis-1,2-Dichloroethane         1         U           74-97-5         Bromochloromethane         1         U           67-66-3         Chloroform         0.5         J           107-06-2         1,2-Dichloroethane         1         U           71-55-6         1,1.1-Trichloroethane         1         U           76-23-5         Carbon tetrachloride         11         U           71-43-2         Benzene         1         U           78-87-5         1,2-Dichloropropane         1         U           78-87-5         1,2-Dichloropropane         1         U           10061-01-5         cis-1,3-Dichloropropene         1         U           108-83         Toluene         1         U           108-83         Toluene         1         U           108-84-3 <td< td=""><td>75-15-0</td><td></td><td>Carbon Disulfide</td><td></td><td></td></td<>	75-15-0		Carbon Disulfide			
15 0002         Interview Chronethene         1         U           156 60-5         trans-1,2-Dichloroethene         1         U           156-59-2         cis-1,2-Dichloroethene         1         U           156-59-2         cis-1,2-Dichloroethene         1         U           176-93-3         2-Butanone (MEK)         5         U           74-97-5         Bromochloromethane         1         U           67-66-3         Chloroform         0.5         J           107-06-2         1,2-Dichloroethane         1         U           71-55-6         1,1.1-Trichloroethane         1         U           76-61-3         Chloroform         0.5         J           107-06-2         1,2-Dichloropthane         1         U           71-55-6         1,1.1-Trichloroethane         1         U           76-27-4         Benzene         1         U           78-87-5         1,2-Dichloropropane         1         U           10061-01-5         cis-1,3-Dichloropropene         1         U           108-88-3         Toluene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           100-	75-09-2		Methylene Chloride			
75-34-3         1,1-Dichloroethane         1         U           76-534-3         1,1-Dichloroethane         1         U           78-93-3         2-Butanone (MEK)         5         U           74-97-5         Bromochloromethane         1         U           67-66-3         Chloroform         0.5         J           107-06-2         1,2-Dichloroethane         1         U           71-55-6         1,1,1-Trichloroethane         1         U           56-23-5         Carbon tetrachloride         11         U           56-23-5         Carbon tetrachloride         11         U           78-87-5         1,2-Dichloropropane         1         U           78-87-5         1,2-Dichloropropane         1         U           78-87-5         1,2-Dichloropropane         1         U           10061-01-5         cis-1,3-Dichloropropene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           100-1         4-Methyl-2-Pentanone         5         U           122-18-4         Tetrachloroethane         1         U	156-60-5	5	trans-1 2-Dichloroethene			
156-59-2       cls-1,2-Dichloroethene       1       U         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       1       U         67-66-3       Chloroform       0.5       J         107-06-2       1,2-Dichloroethane       1       U         71-55-6       1,1,1-Trichloroethane       1       U         76-623-5       Carbon tetrachloride       11       U         71-43-2       Benzene       1       U         78-87-5       1,2-Dichloroptopane       1       U         78-87-5       1,2-Dichloroptopane       1       U         78-87-5       1,2-Dichloroptopane       1       U         10061-01-5       cis-1,3-Dichloroptopene       1       U         1008-10-1       4-Methyl-2-Pentanone       5       U         1008-10-2-6       trans-1,3-Dichloroptopene       1       U         10061-02-6       trans-1,3-Dichloroptopene       1       U         1006-102-6       trans-1,3-Dichloroptopene       1       U         1006-93-4       1,2-Trichloroethane       1       U         106-93-4       1,2-Dibromoethane       1       U	75-34-3		1.1-Dichloroethane			
78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       1       U         67-66-3       Chloroform       0.5       J         107-06-2       1,2-Dichloroethane       1       U         71-55-6       1,1,1-Trichloroethane       1       U         76-23-5       Carbon tetrachloride       11       U         76-23-5       Carbon tetrachloride       11       U         78-87-5       1,2-Dichloropropane       1       U         78-87-5       1,2-Dichloropropane       1       U         78-87-5       1,2-Dichloropropane       1       U         75-27-4       Bromodichloromethane       1       U         75-27-4       Bromodichloromethane       1       U         10061-01-5       cis-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         100-61-02-6       trans-1,3-Dichloropropene       1       U         100-61-02-6       trans-1,3-Dichloropenpene       1       U<	156-59-2	2	cis-1,2-Dichloroethene 1			
74-97-5       Bromochloromethane       1       U $67-66-3$ Chloroform $0.5$ J $107-06-2$ $1,2$ -Dichloroethane       1       U $71-55-6$ $1,1,1$ -Trichloroethane       1       U $71-55-6$ $1,1,1$ -Trichloroethane       1       U $56-23-5$ Carbon tetrachloride       11       U $71-43-2$ Benzene       1       U $79-01-6$ Trichloroethene       1       U $79-01-6$ Trichloropropane       1       U $78-87-5$ $1,2$ -Dichloropropane       1       U $78-87-5$ $1,2$ -Dichloropropene       1       U $10061-01-5$ cis- $1,3$ -Dichloropropene       1       U $108-10-1$ 4-Methyl-2-Pentanone       5       U $108-88-3$ Tolluene       1       U $10061-02-6$ trans- $1,3$ -Dichloropropene       1       U $199-07-5$ $1,1,2$ -Trichloroethane       1       U $199-07-6$ $2.+Hexanone$ 5       U $124-48-1$ Dibromochloromethane       1       U	78-93-3		2-Butanone (MEK) 5	T UT		
67-66-3         Chloroform $0.5$ J $107-06-2$ $1,2-Dichloroethane$ $1$ U $71-55-6$ $1,1,1-Trichloroethane$ $1$ U $56-23-5$ Carbon tetrachloride $11$ U $71-43-2$ Benzene $11$ U $79-01-6$ Trichloroethene $1$ U $78-87-5$ $1,2-Dichloropropane$ $1$ U $75-27-4$ Bromodichloromethane $1$ U $10061-01-5$ cis- $1,3$ -Dichloropropene $1$ U $108-88-3$ Toluene $1$ U $108-88-3$ Toluene $1$ U $108-10-1$ $4$ -Methyl- $2$ -Pentanone $5$ U $108-88-3$ Toluene $1$ U $10061-02-6$ trans- $1,3$ -Dichloropropene $1$ U $10061-02-6$ trans- $1,3$ -Dichloroperopene $1$ U $127-18-4$ Tetrachloroethane $1$ U $127-18-4$ Tetrachloroethane <t< td=""><td>74-97-5</td><td></td><td>Bromochloromethane 1</td><td>U</td><td></td></t<>	74-97-5		Bromochloromethane 1	U		
107-06-2         1,2-Dichloroethane         1         U $71-55-6$ 1,1,1-Trichloroethane         1         U $56-23-5$ Carbon tetrachloride         11         U $71-43-2$ Benzene         1         U $71-43-2$ Benzene         1         U $71-43-2$ Benzene         1         U $79-01-6$ Trichloroethene         1         U $78-87-5$ 1,2-Dichloropropane         1         U $75-27-4$ Bromodichloromethane         1         U $10061-01-5$ cis-1,3-Dichloropropene         1         U $108-88-3$ Toluene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloroptropene         1         U $10061-02-6$ trans-1,3-Dichloroptropene         1         U $127-18-4$ Tetrachloroethane         1	67-66-3		Chloroform 0.5	J		
71-55-6       1,1,1-Trichloroethane       1       U $56-23-5$ Carbon tetrachloride       11       1 $71-43-2$ Benzene       1       U $79-01-6$ Trichloroethene       1       U $78-01-6$ Trichloropropane       1       U $78-87-5$ 1,2-Dichloropropane       1       U $75-27-4$ Bromodichloromethane       1       U $10061-01-5$ cis-1,3-Dichloropropene       1       U $108-10-1$ 4-Methyl-2-Pentanone       5       U $108-88-3$ Toluene       1       U $10061-02-6$ trans-1,3-Dichloropropene       1       U $10061-02-6$ trans-1,3-Dichloropropene       1       U $10061-02-6$ trans-1,3-Dichloropropene       1       U $10061-02-6$ trans-1,3-Dichloropropene       1       U $127-18-4$ Tetrachloroethane       1       U $127-18-4$ Tetrachloroethane       1       U $124-48-1$ Dibromochloromethane       1       U $106-93-4$ 1,2-Dibromoethane       1       <	107-06-2	2	1,2-Dichloroethane 1	U		
50-23-5         Carbon tetrachloride         11 $71-43-2$ Benzene         1         U $79-01-6$ Trichloroethene         1         U $78-87-5$ 1,2-Dichloropropane         1         U $75-27-4$ Bromodichloromethane         1         U $10061-01-5$ cis-1,3-Dichloropropene         1         U $108-10-1$ 4-Methyl-2-Pentanone         5         U $108-88-3$ Toluene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $100-61-02-6$ trans-1,3-Dichloropropene         1         U $10061-02-6$ trans-1,3-Dichloropropene         1         U $127-18-4$ Tetrachloroethane         1         U $124-48-1$ Dibromochloromethane         1         U $106-93-4$ 1,2-Dibromoethane         1	71-55-6		1,1,1-Trichloroethane 1	U		
11-43-2       Benzene       1       U         79-01-6       Trichloroethene       1       U         78-87-5       1,2-Dichloropropane       1       U         75-27-4       Bromodichloromethane       1       U         10061-01-5       cis-1,3-Dichloropropene       1       U         108-10-1       4-Methyl-2-Pentanone       5       U         108-88-3       Toluene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         109-05       1,1,2-Trichloroethane       1       U         127-18-4       Tetrachloroethene       1       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         130-20-7       (m+p) Xylene       1       U         130-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         130-20-7       o-Xylene       1       U         130-20-7       Styrene       1       U	50-23-5		Carbon tetrachloride 11			
78-01-0       11/chloroethere       1       U         78-87-5       1,2-Dichloropropane       1       U         75-27-4       Bromodichloromethane       1       U         10061-01-5       cis-1,3-Dichloropropene       1       U         108-88-3       Toluene       1       U         108-88-3       Toluene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropthane       1       U         127-18-4       Tetrachloroethane       1       U         127-18-4       Tetrachloroethane       1       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         1330-20-7       (m+p) Xylene       1       U         1330-20-7       o-Xylene       1       U         1330-20-7 </td <td>71-43-2</td> <td></td> <td>Trichlereethere</td> <td></td> <td></td>	71-43-2		Trichlereethere			
10-01-0       1,2-Dichlotophopane       1       U         75-27-4       Bromodichloromethane       1       U         10061-01-5       cis-1,3-Dichloropropene       1       U         108-88-3       Toluene       5       U         108-88-3       Toluene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloropropene       1       U         10061-02-6       trans-1,3-Dichloroptopene       1       U         10061-02-6       trans-1,3-Dichloroptopene       1       U         10061-02-6       trans-1,3-Dichloroptopene       1       U         127-18-4       Tetrachloroethane       1       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         1330-20-7       o-Xylene       1       U <tr< td=""><td>78-87-5</td><td></td><td>1 2-Dichloropropopo</td><td></td><td></td></tr<>	78-87-5		1 2-Dichloropropopo			
1001-01-5         Cis-1,3-Dichloropropene         1         U           108-10-1         4-Methyl-2-Pentanone         5         U           108-88-3         Toluene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           127-18-4         Tetrachloroethane         1         U           127-18-4         Tetrachloroethane         1         U           124-48-1         Dibromochloromethane         1         U           106-93-4         1,2-Dibromoethane         1         U           108-90-7         Chlorobenzene         1         U           108-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         o-Xylene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene	75-27-4		Bromodichloromethane			
108-10-1         4-Methyl-2-Pentanone         5         U           108-88-3         Toluene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           79-00-5         1,1,2-Trichloroethane         1         U           127-18-4         Tetrachloroethene         1         U           591-78-6         2-Hexanone         5         U           124-48-1         Dibromochloromethane         1         U           106-93-4         1,2-Dibromoethane         1         U           108-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	10061-01	-5	cis-1.3-Dichloropropene			
108-88-3         Toluene         1         U           10061-02-6         trans-1,3-Dichloropropene         1         U           79-00-5         1,1,2-Trichloroethane         1         U           127-18-4         Tetrachloroethene         1         U           591-78-6         2-Hexanone         5         U           124-48-1         Dibromochloromethane         1         U           106-93-4         1,2-Dibromoethane         1         U           106-93-4         1,2-Dibromoethane         1         U           106-93-4         1,2-Dibromoethane         1         U           108-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         (m+p) Xylene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	108-10-1		4-Methyl-2-Pentanone 5			
10061-02-6         trans-1,3-Dichloropropene         1         U           79-00-5         1,1,2-Trichloroethane         1         U           127-18-4         Tetrachloroethene         1         U           591-78-6         2-Hexanone         5         U           124-48-1         Dibromochloromethane         1         U           106-93-4         1,2-Dibromoethane         1         U           108-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         (m+p) Xylene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           75-25-2         Bromoform         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	108-88-3		Toluene 1			
79-00-5       1,1,2-Trichloroethane       1       U         127-18-4       Tetrachloroethene       1       U         591-78-6       2-Hexanone       5       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         1330-20-7       o-Xylene       1       U         1330-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         75-25-2       Bromoform       1       U         541-73-1       1,3-Dichlorobenzene       1       U	10061-02	2-6	trans-1,3-Dichloropropene 1	U		
127-18-4       Tetrachloroethene       1       U         591-78-6       2-Hexanone       5       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         1330-20-7       (m+p) Xylene       1       U         1330-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         100-42-5       Styrene       1       U         100-42-5       Styrene       1       U         100-42-5       Styrene       1       U         101-42-5       Styrene       1       U         100-42-5       Styrene       1       U         75-25-2       Bromoform       1       U         541-73-1       1,3-Dichlorobenzene       1       U	79-00-5		1,1,2-Trichloroethane 1	U		
591-78-6       2-Hexanone       5       U         124-48-1       Dibromochloromethane       1       U         106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         1330-20-7       (m+p) Xylene       1       U         1330-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         100-42-5       Styrene       1       U         100-42-5       Styrene       1       U         79-34-5       1,1,2,2-Tetrachloroethane       1       U         75-25-2       Bromoform       1       U         541-73-1       1,3-Dichlorobenzene       1       U	127-18-4		Tetrachloroethene 1	U		
124-48-1         Dibromochloromethane         1         U           106-93-4         1,2-Dibromoethane         1         U           108-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         (m+p) Xylene         1         U           1330-20-7         o-Xylene         1         U           1330-20-7         styrene         1         U           1330-20-7         styrene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	591-78-6		2-Hexanone 5	U		
106-93-4       1,2-Dibromoethane       1       U         108-90-7       Chlorobenzene       1       U         100-41-4       Ethylbenzene       1       U         1330-20-7       (m+p) Xylene       1       U         1330-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         79-34-5       1,1,2,2-Tetrachloroethane       1       U         75-25-2       Bromoform       1       U         541-73-1       1,3-Dichlorobenzene       1       U	124-48-1		Dibromochloromethane 1	U		
IU0-90-7         Chlorobenzene         1         U           100-41-4         Ethylbenzene         1         U           1330-20-7         (m+p) Xylene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	106-93-4		1,2-Dibromoethane 1	<u> </u>		
100-41-4         Ethylbenzene         1         U           1330-20-7         (m+p) Xylene         1         U           1330-20-7         o-Xylene         1         U           100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	108-90-7		Chlorobenzene 1	U		
1330-20-7       0-Xylene       1       U         1330-20-7       o-Xylene       1       U         100-42-5       Styrene       1       U         79-34-5       1,1,2,2-Tetrachloroethane       1       U         75-25-2       Bromoform       1       U         541-73-1       1,3-Dichlorobenzene       1       U	1320 20 7	7		U		
100-42-5         Styrene         1         U           100-42-5         Styrene         1         U           79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	1330-20-7	7		<u>U</u>		
79-34-5         1,1,2,2-Tetrachloroethane         1         U           75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	100-42-5		Styrepe 1	<u> </u>		
75-25-2         Bromoform         1         U           541-73-1         1,3-Dichlorobenzene         1         U	79-34-5		1 1 2 2-Tetrachloroethane	<u> </u>		
541-73-1 1,3-Dichlorobenzene 1 U	75-25-2		Bromoform	<u> </u>		
	541-73-1		1,3-Dichlorobenzene 1	<u> </u>		

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET					EPA SAMPLE NO.		NO.			
Lab Name:	CAS/RO	CH			Contract:	SHAW		N	I-24D	
Lab Code:	10145	Ca	se No.:	R6-31842	SAS No	.:	SD	G No.:	4D	
Matrix: (soil/v	vater)	WATER	_		Lat	Sample II	D: 9	908118 1	.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lab	File ID:	-	T7860.D		
Level: (low/n	ned)	LOW	_		Dat	te Received	d: (	05/25/06		
% Moisture: r	not dec.				Dat	e Analyzed	- 1: (	06/01/06		
GC Column:	CA-624	ID: 0.1	1 <u>8</u> (mi	m)	Dilu	ition Factor	r: -	1.0		
Soil Extract V	'olume: _		_ (uL)		Soil	Aliquot Vo	olum	ne:		(uL)
·				CON			S:			
CAS NO	•	COMPO	DUND	(ug/L	or ug/Kg)	UG/L			Q	
106-46	-7	1,4-Di	chlorobe	nzene				1	U	
95-50-1	1	_1,2-Di	chiorobe	nzene				1	U	
96-12-8	3	1,2-Di	bromo-3-	chloroprop	ane			1	Ū.	71
120-82-	-1	1,2,4-	<b>Frichlorol</b>	oenzene				1	Ū,	Ŧ
87-68-3	3	Hexac	hlorobuta	adiene			_	1	<u> </u>	-
87-61-6	3	1,2,3-1	<b>Frichlorot</b>	penzene				1	<u> </u>	7

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	1E VOLATILE ORGANICS AN	IALYSIS DATA SHEET	EPA SAMPLE	E NO.
Lab Name: CAS/RO		Contract: SHAW	M-24D	1
Lab Code: 10145	Case No.: R6-318	842 SAS No.:	SDG No.: 4D	
Matrix: (soil/water)	WATER	Lab Sample ID	908118 1.0	
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	Lab File ID:	T7860.D	_
Level: (low/med)	LOW	Date Received:	05/25/06	
% Moisture: not dec.		Date Analyzed:	06/01/ <b>06</b>	
GC Column: CA-62	4 ID: <u>0.18</u> (mm)	Dilution Factor:	1.0	]. 
Soil Extract Volume:	(uL)	Soil Aliquot Vol	ume:	_ (uL)
	C	ONCENTRATION UNITS:		
Number TICs found:	(u	ug/L or ug/Kg) UG/L		
CAS NO.	COMPOUND	RT E	ST. CONC.	Q

		1A VOLATILE ORGANICS ANA		<b>Λ</b> ΤΛ (	SUEET	EPA S	SAMPLE N	10.
Lab Name:	CAS/RC	DCH	Contra	ct: S	SHAW		M-11D	
Lab Code:	10145	Case No.: R6-3184	12 SAS	No	c		40	]
			<u> </u>			DG NO	40	
Matrix: (soil/w	vater)	WATER		Lab S	Sample ID:	908119	1.0	
Sample wt/vo	):	25.0 (g/ml) ML		Lab F	File ID:	T7861.E	)	
Level: (low/m	ned)	LOW		Date	Received:	05/25/04	3	
				Date	neccived.	03/20/00		
% Moisture: n	iot dec.	· ·		Date	Analyzed:	06/01/06	6	
GC Column:	CA-62	4 ID: <u>0.18</u> (mm)		Diluti	on Factor:	1.0		
Soil Extract V	olume:	(uL)		Soil A	Miquot Volu			/l \
	-	(/		00	inquot voiu			(uL)
		CO	NCENTE	RATIC				
CAS NO.		COMPOUND (ug		(a)			0	
				<b>'</b> 9)	00/2		Q	
74-87-3	3	Chloromethane				1	U	7
75-01-4	ŀ	Vinyl Chloride				1	<u> </u>	-
74-83-9	)	Bromomethane	_			1	U	-
75-00-3	)	Chloroethane				1	U	-
75-69-4	•	Trichlorofluoromethane				1	U	1
75-35-4	·	1,1-Dichloroethene				1	U	
67-64-1		Acetone				5	UJ	1
75-15-0	<u> </u>	Carbon Disulfide				1	U	]
75-09-2		Methylene Chloride				1	<u> </u>	
75 24 2	<u> </u>	trans-1,2-Dichloroethen	e			1	U	
156 50	2					1	<u> </u>	1
78-93-3	٤	2-Butanone (MEK)					U	
74-97-5		Bromochloromethane				5		
67-66-3		Chloroform					<u> </u>	
107-06-2	2	1.2-Dichloroethane				4	11	
71-55-6		1,1,1-Trichloroethane		<u>.</u>		1		
56-23-5		Carbon tetrachloride	<u> </u>		_	15	<u> </u>	
71-43-2		Benzene				1	U	
79-01-6		Trichloroethene				1	J	
78-87-5		1,2-Dichloropropane				1	Ū	
75-27-4		Bromodichloromethane				1	U	
10061-01	<u>1-5</u>	cis-1,3-Dichloropropene	-			1	U	
108-10-1		4-Methyl-2-Pentanone				5	U	
108-88-3		I oluene				1	U	
70.00 5	2-0	1 1 2 Trichland oth and	le			1	<u> </u>	
127-18-4	······		····			1	<u>    U                                </u>	
591-78-6						1	<u> </u>	
124-48-1		Dibromochloromethane				5	<u> </u>	
106-93-4		1.2-Dibromoethane				1	<u> </u>	
108-90-7		Chlorobenzene				1		
100-41-4		Ethylbenzene				1		
1330-20-7	7	(m+p) Xylene		· · · · · · · · · · · · · · · · · · ·		1		
1330-20-7	7	o-Xylene				1		
100-42-5		Styrene				1	<u> </u>	
79-34-5		1,1,2,2-Tetrachloroethane	3			1		
75-25-2		Bromoform				1	Ū	•
541-73-1		1,3-Dichlorobenzene				1	<u> </u>	

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	,		ORGAN	1A				EPA S	AMPLE	NO.
Lab Name:	CAS/RC				Contract:	SHAW			W-11D	
Lab Code:	10145	Ca	ase No.:	R6-31842	SAS N	0.:	SI	DG No.:	4D	
Matrix: (soil/	water)	WATER			La	b Sample	ID:	908119	1.0	
Sample wt/v	ol:	25.0	(g/ml)	ML	La	b File ID:		T7861.D		
Level: (low/	med)	LOW			Da	ate Receiv	ed:	05/25/06		
% Moisture:	not dec.				Da	ate Analyz	ed:	06/01/06		
GC Column:	CA-624	4 ID: <u>0</u> .	<u>18</u> (m	ım)	Dil	ution Fact	or:	1.0		
Soil Extract \	/olume: _		(uL)		So	il Aliquot \	/olun	ne:		(uL)
				CON	ICENTRAT		rs:			
CAS NC	<b>)</b> .	COMP	OUND	(ug/L	. or ug/Kg)	UG/I	<u> </u>		Q	
106-46	6-7	1,4-D	ichlorobe	enzene				1	U	-
95-50-	1	1 2-D	ichlorobe	nzene				4		

95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	
120-82-1	1,2,4-Trichlorobenzene	1	
87-68-3	Hexachlorobutadiene		
87-61-6	1,2,3-Trichlorobenzene	1	11-1

VOLATILE ORGANICS ANALYSIS DATA SHEET	EPA SAMPLE NO.
TENTATIVELY IDENTIFIED COMPOUNDS	

Lab Name:	CAS/RO	ОСН			Contract:	SHAW	1	N	/I-11D	
Lab Code:	10145		Case No.:	R6-31842	SAS No	).: 	S	DG No.:	4D	
Matrix: (soil/\	water)	WATE	R		La	b Sampl	e ID:	908119 1	.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lai	b File ID	:	T7861.D		-
Level: (low/n	n <b>ed)</b>	LOW			Da	te Recei	ived:	05/25/06		
% Moisture:	not dec.				Da	te Analy	zed:	06/01/06		-
GC Column:	CA-62	4_ ID:	<u>0.18</u> (m	ım)	Dik	ution Fa	ctor:	1.0		-
Soil Extract V	/olume:		(uL)		Soi	l Aliquot	Volur	me:		_ (uL)
				CON	CENTRAT	ION UN	ITS:			
Number TICs	found:	0		(ug/L	or ug/Kg)	UG	/L			
CAS NO.		COMP	OUND			RT	ES	T. CONC.		Q

	EF	EPA SAMPLE NO.			
Lab Name: CAS/R0				M-29D	7
Lab Code: 10145				· · · · ·	
Lab Code. 10145	Case No.: <u>R6-31842</u>	SAS No.:	SDG N	lo.: <u>4D</u>	
Matrix: (soil/water)	WATER	Lab Sample ID	: 908	20 1.0	
Sample wt/vol:	25.0 (g/ml) <u>ML</u>	Lab File ID:	T787	71.D	
Level: (low/med)	LOW	Date Received	: 05/2	5/06	
% Moisture: not dec.		Date Analyzed:	06/0	2/06	
GC Column: CA-62	4 ID: 0.18 (mm)	Dilution Factor:	10		
Soil Extract Volume:	(uL)	Soil Aliquot Vol			ах
- -	(,		une.		<i>IL)</i>
	CONC	CENTRATION UNITS:			
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L		Q	
74.07.0					
<u>/4-87-3</u> 75.04.4	Chloromethane			1 U	
/ 0-01-4	Vinyl Chloride			1 U	
75 00 2	Bromomethane			I U	
75-00-3		,		I U	
75-09-4				<u> </u>	
67-64-1			1		
75-15-0	Carbon Disulfido				
75-09-2	Methylene Chlorida		1	<u> </u>	
156-60-5	trans-1 2-Dichloroethene		1	<u> </u>	
75-34-3	1 1-Dichloroethane		1		
156-59-2	cis-1 2-Dichloroethene		1		
78-93-3	2-Butanone (MFK)		[		-
74-97-5	Bromochloromethane				
67-66-3	Chloroform		5		
107-06-2	1,2-Dichloroethane				
71-55-6	1,1,1-Trichloroethane		4		
56-23-5	Carbon tetrachloride	30	7 41		
71-43-2	Benzene		1		
79-01-6	Trichloroethene		14		
78-87 <b>-</b> 5	1,2-Dichloropropane		1	U	
75-27-4	Bromodichloromethane		1	Ū	
10061-01-5	cis-1,3-Dichloropropene		1	U	
108-10-1	4-Methyl-2-Pentanone		5	Ŭ	
108-88-3	Toluene		1	U	
10061-02-6	trans-1,3-Dichloropropene		1	U	
79-00-5	1,1,2-Trichloroethane		1	U	
127-18-4	Tetrachloroethene		1	U	
591-78-6	2-Hexanone		5	U	
124-48-1	Dibromochloromethane		1	U	
106-93-4	1,2-Dibromoethane		1	U	
108-90-7	Chlorobenzene		1	U	
100-41-4	Ethylbenzene		1	U	
1330-20-7	(m+p) Xylene		1	U	
1330-20-7	o-Xylene		1	U	
100-42-5	Styrene		1	U	
19-34-5	1,1,2,2-1 etrachloroethane		1	U	
10-20-2	Bromotorm		1	U	
541-73-7	1,3-Dichlorobenzene		1	U	

	1A VOLATILE ORGANICS	EPA SAMPLE NO.			
Lab Name: CAS/RC	DCH	Contract: SHAW	M-29D		
Lab Code: 10145	Case No.: R6-3	31842 SAS No.:	SDG No.: 4D		
Matrix: (soil/water)	WATER	Lab Sample ID	: 908120 1.0		
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7871.D		
Level: (low/med)	LOW	Date Received:	05/25/06		
% Moisture: not dec.		Date Analyzed:	06/02/06		
GC Column: CA-624	4 ID: 0.18 (mm)	Dilution Factor:	1.0		
Soil Extract Volume:	(uL)	Soil Aliquot Volu	ume:	(uL)	
CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q		
106-46-7	1,4-Dichlorobenzer	)e	1 U	7	
95-50-1	1,2-Dichlorobenzer	10	1 U	1	
96-12-8	1,2-Dibromo-3-chlo	1,2-Dibromo-3-chloropropane			
120-82-1	1,2,4-Trichlorobenz	1,2,4-Trichlorobenzene			
87-68-3	Hexachlorobutadier	ne	1 U		
87-61-6	1,2,3-Trichlorobenz	ene	1 UJ	ſ	

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

M-29D Lab Name: CAS/ROCH Contract: SHAW Lab Code: 10145 SAS No.: SDG No.: 4D Case No.: R6-31842 Matrix: (soil/water) WATER Lab Sample ID: 908120 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7871.D Level: (low/med) LOW Date Received: 05/25/06 % Moisture: not dec. Date Analyzed: 06/02/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Number TICs found: 0 CAS NO. COMPOUND RT EST. CONC. Q

EPA SAMPLE NO.

Color ILE ONGAMICS AVALISIS DATA SHET         M-29DDL           .ab Name:         CAS/ROCH         Contract:         SHAW           .ab Code:         10145         Case No.:         R6-31842         SAS No.:         SDG No.:         4D           Aatrix:         (soll/water)         WATER         Lab Sample ID:         908120 2.0           Sample wi/vol:         25.0         (g/ml)         ML         Lab Sile ID:         T7874.D           sevel:         (low/med)         LOW         Date Received:         05/25/06           6 Moisture:         not dec.         Date Analyzed:         06/02/06           SC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         2.0           SC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         2.0           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q         Q           74-87-3         Chloroethane         2         U         76-94.1         Actionorightane         2         U           75-04.4         Ninoloromethane         2         U         75-95.4         1.1-Dichloroethene         2         U           75-94.4         1.1-Dic						OUEET	EPA S	SAMPLE	NO.	
Lab Name:         CASINGCH         Contract:         SHAW			OLATILE ORGANICS ANALYSIS DATA SHEET				N	M-29DDL		
ab Code:       10145       Case No.:       SAS No.:       SDC No.:       4D         Adtrix:       (soil/water)       WATER       Lab Sample UD:       908120 2.0         Sample wi/vol:       25.0       (g/ml) ML       Lab Simple UD:       908120 2.0         Sample wi/vol:       25.0       (g/ml) ML       Lab Simple UD:       908120 2.0         evel:       (low/med)       LOW       Date Received:       05/25/06         & Moisture: not dec.       Date Analyzed:       06/02/06         Column:       CA-624       ID:       0.18       (mm)       Dilution Factor:       2.0         Col Column:       CA-624       ID:       0.18       (mm)       UG/L       Q         74-87-3       Chloromethane       2       U       76-01.4       Vinyl Chloride       2       U         75-01.4       Vinyl Chlorotemene       2       U       75-35.4       1.1-Dichloroethane       2       U         75-69.4       Trichlorofluoromethane       2       U       175-35.4       1.1-Dichloroethane       2       U         75-69.2       Carbon Disulfide       2       U       176-64.1       Acetone       2       U         76-64.5       1.2-Dichloroethan		CAS/RUC	<u>п</u>		Contract:	SHAW	L			
Matrix: (soil/water)         WATER	_ab Code:	10145	Case No.:	R6-31842	SAS No	.: 8	SDG No.:	<u>4D</u>		
Sample wtivol:         25.0         (g/ml)         ML         Lab File ID:         T7874.D           evel:         (low/med)         LOW         Date Received:         05/25/06           6 Moisture: not dec.         Date Analyzed:         06/02/06           5C Column:         CA-624         ID:         0.18         mm)         Dilution Factor:         2.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         (uL)         CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q         Q           74-87-3         Chloromethane         2         U         74-83-9         Bromomethane         2         U           74-83-9         Bromomethane         2         U         75-00-3         Chloroethane         2         U           75-15-0         Carbon Disulfde         2         U         175-09-2         U         175-09-2         U         176-09-2         U         176-05-3         1.1-Dichloroethane         2         U         176-05-3         1.1-Dichloroethane         2         U         176-05-3         1.1-Dichloroethane         2         U         176-05-3         1.1-Dichloroethane         2         U	Matrix: (soil/wa	at <b>er)</b> <u>M</u>	VATER		Lat	Sample ID:	908120	2.0		
Level:         LOW         Date Received:         05/25/06           6 Moisture: not dec.         Date Analyzed:         06/02/06           3C Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         2.0           Scol Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)         (uL)         CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloroethane         2         U         75-01-4         Vinyl Chloride         2         U           75-01-4         Vinyl Chloride         2         U         75-03-3         Chloroethane         2         U           75-03-3         Chloroethane         2         U         75-69-4         1:1-Dichoroethane         2         U           75-69-4         Trichlorofluoromethane         2         U         156-69-2         U         156-69-2         U         156-69-2         U         178-99-3         1-1-Dichloroethene         2         U         17-69-3         D         107-08-2         1-12-Dichloroethane         2         U         17-69-3         D         17-69-3         1-12-Dichloroethane         2         U         1	Sample wt/vol:	: 2	5.0 (g/ml)	ML.	Lat	File ID:	T7874.[	)		
Bate Received:         Use Rec	ovel: /low/m	 od) [/	(\$ <i>,</i>			n Desekiedi	05/05/0			
6 Moisture: not dec.         Date Analyzed:         06/02/06           CC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         2.0           soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)           Soil Aliquot Volume:         (uL)         Soil Aliquot Volume:         (uL)           CONCENTRATION UNITS:         CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         2         U         74-87-3         Q         U           74-87-3         Chloromethane         2         U         Q         U         74-87-3         Q         U           74-87-3         Chloromethane         2         U         Q         U         74-87-3         Q         U           75-80-4         Trichlorofhuoromethane         2         U         U         75-69-4         U         U         75-69-4         U         U         165-69-2         U         U         156-69-2         U         U         156-69-2         U         156-59-2         Cis-1,2-Dichloroethane         2         U         17-49-5         Bromochloromethane         2         U         17-49-5         D <td></td> <td></td> <td></td> <td></td> <td>Dai</td> <td>e Receivea:</td> <td>05/25/0</td> <td>0</td> <td>,</td>					Dai	e Receivea:	05/25/0	0	,	
BC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         2.0           ioil Extract Volume:	% Moisture: no	ot dec.			Dat	e Analyzed:	06/02/0	6		
Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)           CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L           74-87-3         Chloromethane         2         U           74-87-3         Chloromethane         2         U           75-00-3         Chloromethane         2         U           75-00-3         Chloroethane         2         U           75-00-3         Chloroethane         2         U           75-16-0         Carbon Disulfide         2         U           75-16-0         Carbon Disulfide         2         U           75-16-0         Carbon Disulfide         2         U           75-18-0         Carbon Disulfide         2         U           76-66-3         trans-1,2-Dichloroethane         2         U           74-67-5         Bromochloromethane         2	GC Column:	CA-624	ID: 0.18 (m	ım)	Dilu	ition Factor:	2.0			
Constant	Soil Extract Vo	lume:	 (ul.)		Soi				(	
CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         2         U           75-01-4         Vinyl Chloride         2         U           74-87-3         Bromomethane         2         U           74-83-9         Bromomethane         2         U           75-01-4         Vinyl Chloride         2         U           75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-69-4         Trichlorofluoroethene         2         U           75-69-4         1.1-Dichloroethene         2         U           75-15-0         Carbon Disulfide         2         U           75-16-0         Carbon Disulfide         2         U           75-34-3         1,1-Dichloroethene         2         U           78-83-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           71-43-2         Benzene         2         U           71-43-2         Benzene         2         U           78-87-5         1,2-Dichlororoppa			(uc)		001				(uL)	
CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         2         U           75-01-4         Vinyl Chloride         2         U           74-83-9         Bromomethane         2         U           75-00-3         Chloroethane         2         U           75-09-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           75-10-2         Methylene Chloride         2         U           75-10-3         Carbon Disulfide         2         U           75-10-4         Actone         16         D           75-10-5         Carbon Disulfide         2         U           156-60-5         trans-1,2-Dichloroethene         2         U           156-63         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           74-97-5         Bromochloromethane         2         U           167-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethene         2         U           174-55         Garbon				CON						
CHO NO.         Colum Control         Colum Control         Column Column           74-87-3         Chloromethane         2         U           75-01-4         Vinyl Chloride         2         U           74-83-9         Bromomethane         2         U           75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           75-36-5         Carbon Disulfide         2         U           75-00-2         Methylene Chloride         2         U           75-34-3         1,1-Dichloroethane         2         U           76-60-5         trans-1,2-Dichloroethane         2         U           78-93-3         2-Butanone (MEK)         10         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           71-455-6         1,1-1:Trichloroethane         2         U           71-452         Carbon tetrachloride         39         D           71-432         Benzene         2         U           79-01-6				(uo/l				0		
74-87-3         Chloromethane         2         U           75-01-4         Vinyl Chloride         2         U           74-83-9         Bromomethane         2         U           75-00-3         Chloroethane         2         U           75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           67-64-1         Acetone         16         D           75-15-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           75-34-3         1,1-Dichloroethane         2         U           75-34-3         1,1-Dichloroethane         2         U           74-97-5         Bromochloromethane         2         U           74-97-5         Bromochloromethane         2         U           71-55-6         1,1.1-Trichloroethane         2         U           71-43-2         Benzene         2         U           74-87-3         Benzene         2         U           74-75-4         Bromochloropropane         2	CAS NO.		COMPOUND	(uy/L	or ug/Ng)			Q		
75-01-4         Vinyl Chloride         2         U           74-83-9         Bromomethane         2         U           75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-35-4         1.1-Dichloroethene         2         U           67-64-1         Acetone         16         D           75-15-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           75-35-4         1.1-Dichloroethene         2         U           75-36-2         List-1,2-Dichloroethene         2         U           75-33         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           74-97-5         Bromochloromethane         2         U           71-35-6         1,1.1-Trichloroethane         2         U           71-43-2         Benzene         2         U           75-27-4         Bromochloropropane         2         U           78-87-5         1.2-Dichloroethane         2         U           10061-01-5         cis-1.3-Dichloropro	74-87-3		Chloromethan	е	= ·		1 2	11		
74-83-9         Bromomethane         2         U           75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           67-64-1         Acetone         16         D           75-15-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           75-09-2         Methylene Chloride         2         U           75-34-3         1,1-Dichloroethene         2         U           76-69-2         cis-1,2-Dichloroethane         2         U           74-97-5         Bromochloromethane         2         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1.1-Trichloroethane         2         U           78-01-6         Trichloroethene         14         D           78-01-6         Trichloroethene         2         U           78-01-6         1,2-Dichloropropa	75-01-4		Vinyl Chloride			. /	2	Ŭ	-1	
75-00-3         Chloroethane         2         U           75-69-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           67-64-1         Acetone         16         D           75-35-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           156-60-5         trans-1,2-Dichloroethene         2         U           75-34-3         1,1-Dichloroethane         2         U           156-59-2         cis-1,2-Dichloroethane         2         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         2         U           78-93-2         Deareane         2         U           79-01-6         Trichloroethane         14         D           78-87-5         1,2-Dichloropropane         2         U           108-10-1         4-Methyl-	74-83-9		Bromomethan	e			2	U		
75-69-4         Trichlorofluoromethane         2         U           75-35-4         1,1-Dichloroethene         2         U           67-64-1         Acetone         16         D           75-15-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           156-60-5         trans-1,2-Dichloroethene         2         U           156-60-2         cis-1,2-Dichloroethane         2         U           76-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           71-43-2         Benzene         39         D           90-16         Trichloroethane         2         U           79-01-6         Trichloroethane         2         U           78-87-5         1,2-Dichloropropane         2         U           79-01-6         Trichl	75-00-3		Chloroethane				2	U		
75-35-4       1,1-Dichloroethene       2       U         67-64-1       Acetone       16       D         75-15-0       Carbon Disulfide       2       U         75-09-2       Methylene Chloride       2       U         156-60-5       trans-1,2-Dichloroethene       2       U         75-34-3       1,1-Dichloroethane       2       U         78-93-3       2-Butanone (MEK)       10       U         78-93-5       Chloroform       5       D         107-06-2       1,2-Dichloroethane       2       U         71-43-2       Benzene       2       U         78-87-5       1,2-Dichloroethane       2       U         78-87-5       1,2-Dichloropropane       2       U         108-10-1       4-Methyl-2-Pentanone       10 </td <td>75-69-4</td> <td></td> <td>Trichlorofluoro</td> <td>methane</td> <td></td> <td></td> <td>2</td> <td>U</td> <td></td>	75-69-4		Trichlorofluoro	methane			2	U		
67-64-1         Acetone         16         D           75-15-0         Carbon Disulfide         2         U           75-09-2         Methylene Chloride         2         U           156-60-5         trans-1,2-Dichloroethene         2         U           75-34-3         1,1-Dichloroethane         2         U           75-34-3         1,1-Dichloroethane         2         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1.1-Trichloroethane         4         D           56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           75-27-4         Bromodichloropropane         2         U           76-27-4         Bromodichloropropane         2         U           1008-10-1         4-Methyl-2/Pentanone         10         U           108-80-3         Toluene         2         U           10061-02-6         trans-1/	75-35-4		1,1-Dichloroet	hene		<u>A</u>	2	U	_	
75-15-0         Carbon Disunde         2         U           75-09-2         Methylene Chloride         2         U           156-60-5         trans-1,2-Dichloroethene         2         U           75-34-3         1,1-Dichloroethane         2         U           156-59-2         cis-1,2-Dichloroethene         2         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-43-2         Benzene         39         D           71-43-2         Benzene         2         U           78-87-5         1,2-Dichloropropane         2         U           78-87-5         1,2-Dichloropropane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           108-88-3         Toluene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           100-1	67-64-1		Acetone				16	<u>D</u>		
150-05-2         Interrytetie Chlorogethene         2         U           166-60-5         trans-1,2-Dichlorogethene         2         U           156-59-2         cis-1,2-Dichlorogethene         2         U           78-93-3         2-Butanone (MEK)         10         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-43-2         Benzene         2         U           71-43-2         Benzene         2         U           78-75         1,2-Dichloropropane         2         U           78-87-5         1,2-Dichloropropane         2         U           10061-01-5         cis-1,3-Dichloropropane         2         U           1008-10-1         4-Methyl-2/Pentanone         10         U           108-88-3         Toluene/         2         U           1001-02-6         trans-1/3-Dichloropropene         2         U           127-18-4         Tetrahoroethane         2         U           100-1-1	75-15-0		Methylopo Chi	ge orido		<i>/</i>	2		_	
150-00-0         Dataser 1,2-Dichloroethene         2         U           76-534-3         1,1-Dichloroethene         2         U           156-59-2         cis-1,2-Dichloroethene         2         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         4         D           56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           78-87-5         1,2-Dichloroethene         14         D           78-87-5         1,2-Dichloropropane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloroethane         2         U           10061-02-6         trans-1/,3-Dichloroethane         2         U           10061-02-6         trans-1/,3-Dichloroethane         2         U<	156-60-5	;	trans_1 2_Dich	onue	/-		2			
150-15         11-12-Dichloroethene         2         0           186-59-2         cis-1,2-Dichloroethene         2         U           78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         4         D           56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           78-87-5         1,2-Dichloropropane         2         U           78-87-5         1,2-Dichloropropane         2         U           78-87-5         1,2-Dichloropropane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropethane         2         U           10061-02-6         trans-1/3-Dichloropethane         2         U	75-34-3	/	1 1-Dichloroet	hane	/		2		_	
78-93-3         2-Butanone (MEK)         10         U           74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         4         D           56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           78-87-5         1,2-Dichloroptopane         2         U           78-87-5         1,2-Dichloroptopane         2         U           78-87-5         1,2-Dichloroptopane         2         U           78-87-5         1,2-Dichloroptopane         2         U           10061-01-5         cis-1,3-Dichloroptopene         2         U           10061-01-5         cis-1,3-Dichloroptopene         2         U           10061-02-6         trans-1/,3-Dichloroptopene         2         U           10061-02-6         trans-1/,3-Dichloroptopene         2         U           127-18-4         Tetrachloroethane         2         U           127-18-4         Tetrachloroethane         2         U	156-59-2	2	cis-1.2-Dichlor	oethene			2			
74-97-5         Bromochloromethane         2         U           67-66-3         Chloroform         5         D           107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         39         D           71-43-2         Benzene         2         U           79-01-6         Trichloroethene         14         D           78-87-5         1,2-Dichloropropane         2         U           75-27-4         Bromodichloromethane         2         U           10061-01-5         cis-1,3-Dichloropropane         2         U           1008-10-1         4-Methyl-2/Pentanone         10         U           108-88-3         Toluene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           127-18-4         Tetrachloroethane         2         U           127-18-4         Tetrachloroethane         2         U           106-93-4         1,2-Dibromochloromethane         2         U           106-93-4         1,2-Dibromochloromethane         2         U	78-93-3		2-Butanone (M	EK)			10		-	
67-66-3         Chloroform         5         D $107-06-2$ 1,2-Dichloroethane         2         U $71-55-6$ 1,1,1-Trichloroethane         4         D $56-23-5$ Carbon tetrachloride         39         D $71-43-2$ Benzene         2         U $79-01-6$ Trichloroethene         14         D $78-87-5$ 1,2-Dichloropropane         2         U $75-27-4$ Bromodichloromethane         2         U $10061-01-5$ cis-1,3-Dichloropropene         2         U $10061-01-5$ cis-1,3-Dichloropropene         2         U $10061-02-6$ trans-1/3-Dichloropropene         2         U $10061-02-6$ trans-1/3-Dichloropropene         2         U $10061-02-6$ trans-1/3-Dichloropropene         2         U $10061-02-6$ trans-1/3-Dichloropropene         2         U $10061-02-6$ trans-1/3-Dichloroptopene         2         U $10061-02-6$ trans-1/3-Dichloroptopene         2         U $100-5$ 1,1,2/-Trich	74-97-5		Bromochlorom	ethane	/		2	U	-	
107-06-2         1,2-Dichloroethane         2         U           71-55-6         1,1,1-Trichloroethane         4         D           56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           79-01-6         Trichloroethene         14         D           78-87-5         1,2-Dichloropropane         2         U           75-27-4         Bromodichloromethane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           108-10-1         4-Methyl-2-Pentanone         10         U           108-88-3         Toluene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           127-18-4         Tet/achloroethane         2         U           124-48-1         Dibromochloromethane         2         U           106-93-4         1,2-Dibromoethane         2         U </td <td>67-66-3</td> <td></td> <td>Chloroform</td> <td>/</td> <td>/</td> <td></td> <td>5</td> <td>D</td> <td>-</td>	67-66-3		Chloroform	/	/		5	D	-	
71-55-6       1,1,1-Trichloroethane/       4       D         56-23-5       Carbon tetrachloride       39       D         71-43-2       Benzene       2       U         79-01-6       Trichloroethene       14       D         78-87-5       1,2-Dichloropropane       2       U         75-27-4       Bromodichloromethane       2       U         10061-01-5       cis-1,3-Dichloropropene       2       U         108-10-1       4-Methyl-2-Pentanone       10       U         108-88-3       Toluene/       2       U         10061-02-6       trans-1/,3-Dichloropropene       2       U         10061-02-6       trans-1/,3-Dichloropropene       2       U         127-18-4       Tetrachloroethane       2       U         127-18-4       Tetrachloroethane       2       U         124-48-1       Dibromochloromethane       2       U         106-93-4       (1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         1330-20-7       O-Xylene       2       U         1330-20-7       O-Xylene       2       U         1330-20-7       O-X	107-06-2		1,2-Dichloroeth	nane			2	U		
56-23-5         Carbon tetrachloride         39         D           71-43-2         Benzene         2         U           79-01-6         Trichloroethene         14         D           78-87-5         1,2-Dichloropropane         2         U           75-27-4         Bromodichlorørnethane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           108-10-1         4-Methyl-2-Pentanone         10         U           108-88-3         Toluene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloroethane         2         U           127-18-4         Tetrachloroethane         2         U           106-93-4         1,2-Dibromochlonomethane <t< td=""><td>71-55-6</td><td></td><td>1,1,1-Trichloro</td><td>ethane/</td><td></td><td></td><td>4</td><td>D</td><td></td></t<>	71-55-6		1,1,1-Trichloro	ethane/			4	D		
71-43-2       Benzene       2       U         79-01-6       Trichloroethene       14       D         78-87-5       1,2-Dichloropropane       2       U         75-27-4       Bromodichloromethane       2       U         10061-01-5       cis-1,3-Dichloropropene       2       U         10061-01-5       cis-1,3-Dichloropropene       2       U         108-10-1       4-Methyl-2-Pentanone       10       U         108-88-3       Toluene       2       U         10061-02-6       trans-1,3-Dichloropropene       2       U         10061-02-6       trans-1,3-Dichloropropene       2       U         10061-02-6       trans-1,3-Dichloropthane       2       U         127-18-4       Tetrachloroethane       2       U         127-18-4       Tetrachloroethane       2       U         124-48-1       Øibromochloromethane       2       U         106-93-4       /1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         1330-20-7       (m+p) Xylene       2       U         1330-20-7       o-Xylene       2       U         100-42-5	56-23-5		Carbon tetrach	loride			39	D		
79-01-6         Trichloroethene         14         D           78-87-5         1,2-Dichloropropane         2         U           75-27-4         Bromodichloromethane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           108-10-1         4-Methyl-2-Pentanone         10         U           108-88-3         Toluene/         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           127-18-4         Tetrachloroethane         2         U           127-18-4         Tetrachloroethane         2         U           591-78-6         2/Hexanone         10         U           124-48-1         Dibromochloromethane         2         U           106-93-4         /1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           1330-20-7         (m+p) Xylene         2         U           1330-20-7         o-Xylene         2         U <t< td=""><td>71-43-2</td><td></td><td>Benzene</td><td></td><td></td><td></td><td>2</td><td><u> </u></td><td>_</td></t<>	71-43-2		Benzene				2	<u> </u>	_	
78-87-5         1,2-Dichloropropane         2         U           75-27-4         Bromodichlorømethane         2         U           10061-01-5         cis-1,3-Dichloropropene         2         U           108-10-1         4-Methyl-2-Pentanone         10         U           108-88-3         Toluene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           79-00-5         1,1,2/Trichloroethane         2         U           127-18-4         Tetrachloroethene         2         U           591-78-6         2/Hexanone         10         U           124-48-1         Øibromochloromethane         2         U           106-93-4         /1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           100-41-4         Ethylbenzene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2 </td <td>79-01-0</td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td>14</td> <td></td> <td>_</td>	79-01-0			•			14		_	
13-27-4         Divince interfaint         2         0           10061-01-5         cis-1,3-Dichloropropene         2         0           108-10-1         4-Methyl-2-Pentanone         10         0           108-10-1         4-Methyl-2-Pentanone         10         0           108-10-1         4-Methyl-2-Pentanone         10         0           108-88-3         Toluene         2         0           10061-02-6         trans-1,3-Dichloropropene         2         0           79-00-5         1,1,2/Trichloroethane         2         0           127-18-4         Tetrachloroethene         2         0           127-18-4         Tetrachloroethene         2         0           124-48-1         Dibromochloromethane         2         0           106-93-4         /1,2-Dibromoethane         2         0           108-90-7         Chlorobenzene         2         0           108-90-7         Chlorobenzene         2         0           1330-20-7         (m+p) Xylene         2         0           1330-20-7         o-Xylene         2         0           100-42-5         Styrene         2         0           79-34-5	75-27-1		<u>I,2-Dichloropro</u>	pane			2		_	
1000 FO FO         0.00 FOC Proprior Propriet         2         0           108-10-1         4-Methyl-2-Pentanone         10         U           108-88-3         Toluene/         2         U           10061-02-6         trans-1/,3-Dichloropropene         2         U           79-00-5         1,1,2-Trichloroethane         2         U           127-18-4         Tetrachloroethene         2         U           591-78-6         2/Hexanone         10         U           124-48-1         Dibromochloromethane         2         U           106-93-4         1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           100-41-4         Ethylbenzene         2         U           1330-20-7         (m+p) Xylene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           100-42-5         Styrene         2         U           1330-20-7         o-Xylene         2         U           1330-20-7         Styrene         2         U           100-42-5         Styrene         2	10061-01	-5	cis-1 3-Dichlor				2		-	
100         100         100         0           108-88-3         Toluene         2         U           10061-02-6         trans-1/3-Dichloropropene         2         U           79-00-5         1,1,2/Trichloroethane         2         U           127-18-4         Tetrachloroethene         2         U           591-78-6         2/Hexanone         10         U           124-48-1         Dibromochloromethane         2         U           106-93-4         /1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           100-41-4         Ethylbenzene         2         U           1330-20-7         (m+p) Xylene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           100-42-5         Styrene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U	108-10-1		4-Methyl-2-Pen	tanone			10		-	
10061-02-6         trans-1/,3-Dichloropropene         2         U           79-00-5         1,1,2/Trichloroethane         2         U           127-18-4         Tetrachloroethene         2         U           591-78-6         2/Hexanone         10         U           124-48-1         Dibromochloromethane         2         U           106-93-4         /1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           100-41-4         Ethylbenzene         2         U           1330-20-7         (m+p) Xylene         2         U           100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	108-88-3		Toluene		··· <u>···</u> ·····		2		-	
79-00-5       1,1,2-Trichloroethane       2       U         127-18-4       Tetrachloroethene       2       U         591-78-6       2,/Hexanone       10       U         124-48-1       Dibromochloromethane       2       U         106-93-4       1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         100-41-4       Ethylbenzene       2       U         1330-20-7       (m+p) Xylene       2       U         100-42-5       Styrene       2       U         100-42-5       Styrene       2       U         100-42-5       Styrene       2       U         1030-20-7       0-Xylene       2       U         1330-20-7       0-Xylene       2       U         1330-20-7       0-Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	10061-02	-6	trans-1.3-Dichlo	propropene	·····		2	<u> </u>	1	
127-18-4       Tetrachloroethene       2       U         591-78-6       2/Hexanone       10       U         124-48-1       Dibromochloromethane       2       U         106-93-4       /1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         100-41-4       Ethylbenzene       2       U         1330-20-7       (m+p) Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	79-00-5		1,1,2-Trichloroe	thane			2	U U	-	
591-78-6       2/Hexanone       10       U         124-48-1       Dibromochloromethane       2       U         106-93-4       /1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         100-41-4       Ethylbenzene       2       U         1330-20-7       (m+p) Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	127-18-4		Tetrachloroethe	ne			2	Ŭ		
124-48-1         Øibromochloromethane         2         U           106-93-4         /1,2-Dibromoethane         2         U           108-90-7         Chlorobenzene         2         U           100-41-4         Ethylbenzene         2         U           1330-20-7         (m+p) Xylene         2         U           130-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	591-78-6		27Hexanone				10	U		
106-93-4       /1,2-Dibromoethane       2       U         108-90-7       Chlorobenzene       2       U         100-41-4       Ethylbenzene       2       U         1330-20-7       (m+p) Xylene       2       U         1330-20-7       o-Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	124-48-1		Øibromochloron	nethane			2	U		
108-90-7       'Chlorobenzene       2       U         100-41-4       Ethylbenzene       2       U         1330-20-7       (m+p) Xylene       2       U         1330-20-7       o-Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	106-93-4		/1,2-Dibromoeth	ane			2	U	]	
100-41-4         Ethylbenzene         2         U           1330-20-7         (m+p) Xylene         2         U           1330-20-7         o-Xylene         2         U           100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	108-90-7		<u>Chlorobenzene</u>				2	U	_	
1330-20-7       (m+p) Xylene       2       U         1330-20-7       o-Xylene       2       U         100-42-5       Styrene       2       U         79-34-5       1,1,2,2-Tetrachloroethane       2       U         75-25-2       Bromoform       2       U         541-73-1       1,3-Dichlorobenzene       2       U	100-41-4		Ethylbenzene				2	U	-	
1330-20-7         0-Xylene         2         U           100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	1330-20-7	<u></u>	(m+p) Xylene				2	U	_	
100-42-5         Styrene         2         U           79-34-5         1,1,2,2-Tetrachloroethane         2         U           75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	1330-20-7	·					2	U	-	
75-25-2         Bromoform         2         U           541-73-1         1,3-Dichlorobenzene         2         U	70 24 5		1 1 2 2 Totrach	oroothere			2	<u> </u>	4	
541-73-1         1,3-Dichlorobenzene         2         U	75-24-3		Bromoform	JUSTIANE			2	<u>U</u>	$\frac{1}{1}$	
	541.72.1		1.3-Dichloroben				- 4	<u> </u>	-	
	541-73-1		1,3-Dichloroben:	zene			2	U	1	

OLC 2.1
	1A VOLATILE ORGANICS ANALYSIS DATA SHEFT							NO.
Lab Name:	CAS/RC		C	Contract: S	HAW	M-:	29DDL	
Lab Code:	10145	Case No.:	R6-31842	SAS No.:	S	DG No.: 4	4D	
Matrix: (soil/v	water)	WATER		Lab S	ample ID:	908120 2	.0	_ <u></u>
Sample wt/vo	ol:	25.0 (g/ml)	ML	Lab F	ile ID:	T7874.D		
Level: (low/n	ned)	LOW		Date F	Received:	05/25/06		
% Moisture: not dec. Date Analyzed: 0						06/02/06		
GC Column:	CA-624	4 ID: <u>0.18</u> (m	im)	Dilutio	n Factor:	/2.0		
Soil Extract V	olume:	(uL)		Soil Al	liquot Volui	ne:		(uL)
			CONC	ENTRATIO				
CAS NO		COMPOUND	(ug/L o	r ug/Kg)	UG/L		Q	
106-46	-7	1,4-Dichlorobe	enzene		/	2	U	-
95-50-1	1	1,2-Dichlorobe	enzene		/	2	U	-
	3	1,2-Dibromo-3	-chloropropa	ine /		2	U	
120-82	-1	1,2,4-Trichloro	benzene	7		2	U	
87-68-3	3	Hexachlorobut	adiene			2	Ū	
87-61-6	}	1,2,3-Trichloro	benzene			2	U	$\neg$
				/				· · ·

Lab Name:	CAS/ROCH		Contract: SHA	w	M-29D	DL
Lab Code:	10145	Case No.: R6-318	42 SAS No.:	SD(	G No.: 4D	
Matrix: (soil/w	vater) WA	ATER	Lab Sam	ple ID: 9	08120 2.0	
Sample wt/vo	l: <u>25</u> .	.0(g/ml) ML	Lab File	ID: T	7874.D	
Level: (low/m	ed) <u>LO</u>	W	Date Rec	eived: 0	5/25/06	
% Moisture: n	ot dec.		Date Ana	lyzed: 0	6/02/06	
GC Column:	CA-624	ID: <u>0.18</u> (mm)	Dilution F	actor: 2	0	
Soil Extract V	olume:	(uL)	Soil Aliqu	ot Volume	):	(uL)
		СС		INITS:		
Number TICs	found	0 (u <u>ç</u>	g/L or ug/Kg) / _L	IG/L		
CAS NO.	cc	MPOUND	RT	EST.	CONC.	Q
					•	
· ·						

		1A ATILE ORGANICS ANALYSIS DATA SHEET				
Lah Name: CAS/	ROCH			M-25D		
		Contract: SHAW	L			
Lab Code: 10145	Case No.: <u>R6-31842</u>	SAS No.:	SDG No.:	4D		
Matrix: (soil/water)	WATER	Lab Sample ID	: 908121	5.0		
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7855.E	)		
Level: (low/med)	LOW	Date Received	: 05/25/06	 3		
% Moisture: not dec	· · · · · · · · · · · · · · · · · · ·	Date Analyzed	06/01/06	3		
GC Column: CA 6	·	Dilution Easter		a stalar		
	<u>124</u> 10. <u>0.16</u> (1111)	Dilution Factor:	4.0 5.	0 pL 6/21/06		
Soil Extract Volume:	(uL)	Soil Aliquot Vol	ume:	(uL)		
		CENTRATION UNITS				
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L	·····	Q		
74-87-3	Chloromethane		5			
75-01-4	Vinyl Chloride		5			
74-83-9	Bromomethane		5	U		
75-00-3	Chloroethane		5	U U		
75-69-4	Trichlorofluoromethane		5	U		
75-35-4	1,1-Dichloroethene		5	U		
67-64-1	Acetone		49	UT		
75-15-0	Carbon Disulfide		5	U		
75-09-2	Methylene Chloride		5	U		
156-60-5	trans-1,2-Dichloroethene		5	U		
75-34-3	1,1-Dichloroethane		5	U		
156-59-2	cis-1,2-Dichloroethene		5	U		
78-93-3	2-Butanone (MEK)		25	UJ		
74-97-0	Chloroform		5	U		
107-06-2	1.2 Dichloroothono		8			
71-55-6			5	U		
56-23-5	Carbon tetrachloride		<del>7</del> 6	U		
71-43-2	Benzene		70	11		
79-01-6	Trichloroethene		29			
78-87-5	1.2-Dichloropropane		5	11		
75-27-4	Bromodichloromethane		5			
10061-01-5	cis-1,3-Dichloropropene		5			
108-10-1	4-Methyl-2-Pentanone		25	<u> </u>		
108-88-3	Toluene		5	U		
10061-02-6	trans-1,3-Dichloropropene		5	U		
79-00-5	1,1,2-Trichloroethane		5	U		
127-18-4	Tetrachloroethene		5	U		
591-78-6	2-Hexanone		25	U		
124-48-1	Dibromochloromethane		5	U		
106-93-4	1,2-Dibromoethane		5	<u> </u>		
108-90-7	Chlorobenzene		5	U		
100-41-4			5	<u>    U                                </u>		
1330-20-1			5	<u>    U                                </u>		
100-42-5	Styrepe		5	<u> </u>		
70_34_5	1 1 2 2 Totrachlaraethana		5	U		
75-25-2	Bromoform		5	U		
541-73-1	1 3-Dichlorobenzene		5	<u> </u>		
			<u> </u>	0		

	,		1A IICS ANALV		исст	EPA SA	MPLE NO.	
Lab Name:	CAS/RC			Contract: S	HAW	M	-25D	
Lab Code:	10145	Case No.:	R6-31842	SAS No.:	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATER		Lab S	ample ID:	908121 5	.0	
Sample wt/vo	ol:	25.0 (g/ml)	ML	Lab Fi	ile ID:	T7855.D		
Level: (low/m	ned)	LOW		Date F	Received:	05/25/06		
% Moisture: n	not dec.			Date A	Analyzed:	06/01/06		
GC Column:	CA-624	4_ ID: <u>0.18_</u> (n	ım)	Dilutio	n Factor:	4.0 5.0	DL 6/21	106
Soil Extract V	olume:	(uL)		Soil Al	iquot Volui	me:	(uL)	
			CONC	ENTRATION				
CAS NO	•	COMPOUND	(ug/L c	or ug/Kg)	UG/L		Q	
106-46	-7	1,4-Dichlorob	enzene			5	U	
95-50-1		1,2-Dichlorobe	enzene			5	Ŭ	
96-12-8	3	1,2-Dibromo-3	-chloropropa	ane		5	U.T	
120-82-	-1	1,2,4-Trichloro	benzene			5	ŪJ	
87-68-3	}	Hexachlorobu	tadiene			5	U	
87-61-6	<u>}</u>	1,2,3-Trichlord	benzene			5	UJ	

	1E VOLATILE ORGANICS ANAL	YSIS DATA SHEET EPA S	AMPLE NO.
Lab Nama: CAS/			f-25D
Lab Code: 10145			]
Matrix: (soil/water)	WATER	SAS NO.:SDG NO.: Lab Sample ID: 908121 !	4D
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID: T7855.D	
Level: (low/med)	LOW	Date Received: 05/25/06	
% Moisture: not dec.		Date Analyzed: 06/01/06	
GC Column: CA-6	24 ID: <u>0.18</u> (mm)	Dilution Factor: 4.0- 5.0	DL 6/21/
Soil Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)
	CON	CENTRATION UNITS:	
Number TICs found:	0 (ug/l	or ug/Kg) UG/L	
CAS NO.	COMPOUND	RT EST. CONC.	Q

,			EPA S.	AMPLE NO	
Lab Name: CAS/RC	VOLATILE ORGANICS ANA	LYSIS DATA SHEET	C	OUP B	
Lab Code: 10145	Case No : R6-3184	2 SAS No		4D	J
		( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( () (( )( )( ) ) ) )			
Matrix. (Soli/water)	WATER	Lab Sample ID:	9081221	1.0	
Sample wt/vol:	<u>25.0 (g/ml) ML</u>	Lab File ID:	T7873.D		
Level: (low/med)	LOW	Date Received:	05/25/06		
% Moisture: not dec.		Date Analyzed:	06/02/06		
GC Column: CA-624	4 ID: 0.18 (mm)	Dilution Factor:	1.0	· ·	
Soil Extract Volume:	(uL)	Soil Aliquot Volu	ume:	(ut	_) .
-	``			(4.	-,
	CO	NCENTRATION UNITS:			
CAS NO.	COMPOUND (ug/	/L or ug/Kg) UG/L		Q	1
74-87-3	Chloromethane		1		
75-01-4	Vinyl Chloride		1		
74-83-9	Bromomethane		1		
75-00-3	Chloroethane		1		
75-69-4	Trichlorofluoromethane		1		
75-35-4	1 1-Dichloroethene	·	1		
67-64-1	Acetone		5		
75-15-0	Carbon Disulfide		1		
75-09-2	Methylene Chloride		1		
156-60-5	trans-1 2-Dichloroethen	<b>a</b>			
75_34_3	1 1 Dichloroothono	e		<u> </u>	
156 50 2			1	<u> </u>	
79.03.3	2 Butonono (MEK)		<u> </u>		
76-93-5	Promochloromethane		5	<u> </u>	
67.66.2	Chloroform		1	<u> </u>	
		· · · · · · · · · · · · · · · · · · ·	0.5	J	
74 55 6			1	<u> </u>	
71-00-0	<u>1,1,1-1 richioroethane</u>		1	<u> </u>	
20-23-3			11		
71-43-2	Benzene		1	<u> </u>	
79-01-6	I richloroethene		1	<u> </u>	
/8-8/-5	1,2-Dichloropropane		1	U	
75-27-4	Bromodichloromethane		1	<u> </u>	
10061-01-5	cis-1,3-Dichloropropene		1	U	
108-10-1	4-Methyl-2-Pentanone		5	U	
108-88-3	Toluene		1	U	
10061-02-6	trans-1,3-Dichloropropen	e	1	<u> </u>	
79-00-5	1,1,2-Trichloroethane		1	U	
127-18-4	Tetrachloroethene		1	U	
<u>591-78-6</u>	2-Hexanone		5	U	
124-48-1	Dibromochloromethane		1	U	
106-93-4	1,2-Dibromoethane		1	U	
108-90-7	Chlorobenzene		1	U	
100-41-4	Ethylbenzene		1	Ū	
1330-20-7	(m+p) Xylene		1	Ū	
1330-20-7	o-Xylene		1		
100-42-5	Styrene		1		
79-34-5	1.1.2.2-Tetrachloroethane		1		
75-25-2	Bromoform		1		
541-73-1	1 3-Dichlorobenzene		4		
			1	0	

OLC 2.1

1A VOLATILE ORGANICS ANALYSIS DATA SHEFT						EPA SAMPLE NO.			
Lab Name:	CAS/RC	OCH		(	Contract: SI	HAW	D		
Lab Code:	10145	Ca	se No.: Re	5-31842	SAS No.:	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATER			Lab Sa	ample ID:	908122 1	1.0	
Sample wt/vo	ol:	25.0	(g/ml) <u>M</u>	IL	Lab Fi	le ID:	T7873.D		
Level: (low/m	ned)	LOW			Date F	Received:	05/25/06		
% Moisture: not dec Date Analyze						nalyzed:	06/02/06		
GC Column:	CA-624	4 ID: 0.1	18_ (mm)	)	Dilution	n Factor:	1.0		
Soil Extract V	olume:		(uL)		Soil Ali	quot Volu	me:		(uL)
				CONC					
CAS NO	•	COMPO	DUND	(ug/L c	or ug/Kg)	UG/L		Q	
106-46	-7	1,4-Di	chlorobenz	ene			1	U	_
95-50-1		1,2-Di	chlorobenz	ene			1	Ū	-
96-12-8	3	1,2-Di	bromo-3-ch	loropropa	ane		1	<u> </u>	T
120-82-	-1	1,2,4-	<b>Frichlorobe</b>	nzene			1	Ū	Ħ
87-68-3	<b>}</b>	Hexac	hlorobutadi	iene			1	U	
87-61-6	<b>)</b>	1,2,3-1	<u>Frichlorober</u>	nzene			1	U	

**6**6

	VOLATILE ORGANI	1E CS ANALYSIS DATA :	SHEET	EPA SAMPI	E NO
	TENTATIVELY ID	/ELY IDENTIFIED COMPOUNDS			
Lab Name: CAS	/ROCH	Contract:	SHAW	DUP E	3
Lab Code: 1014	5 Case No.:	R6-31842 SAS No.:	S	DG No.: 4D	
Matrix: (soil/water)	WATER	Lab	Sample ID:	908122 1.0	
Sample wt/vol:	25.0 (g/ml)	ML Lab I	File ID:	T7873.D	
Level: (low/med)	LOW	Date	Received:	05/25/06	
% Moisture: not de	C	Date	Analyzed:	06/02/06	
GC Column: CA	<u>-624</u> ID: <u>0.18</u> (mr	n) Diluti	on Factor:	1.0	
Soil Extract Volume	e: (uL)	Soil A	Aliquot Volu	me:	(uL)
		CONCENTRATIC			
Number TICs found	l:	(ug/L or ug/Kg)	UG/L	<del></del>	
CAS NO.	COMPOUND		RT ES	T. CONC.	Q

	V		1A RGANICS ANALYSIS DATA SHEET					EPA :	NO.	
Lob Nomo:			JRGANICS			ASH		TR		IK
		<u> </u>		(		SH	AVV	L		·
Lab Code:	10145	Cas	se No.: <u>R6-3</u>	31842	SAS N	lo.: _	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATER			La	ab Sa	mple ID:	908123	1.0	
Sample wt/vo	ol:	25.0	(g/mi) ML		La	ab File	D:	T7872	 ר	
Level: (low/m	ned) I	LOW			ח	ate Ri		05/25/0	6	
% Moisture: r	not dec							06/02/0	e	
						ale Ar	alyzed:	06/02/0	0	
GC Column:	CA-624	1D:1	<u>8</u> (mm)		Di	lution	Factor:	1.0	·····	
Soil Extract V	olume:		_ (uL)		So	oil Aliq	luot Volu	me:	÷	(uL)
				CONC	ENTRA	TION	UNITS:			
CAS NO	•	COMPC	UND	(ug/L d	or ug/Kg	)	UG/L	· · ·	Q	
74.07.0		0					1			
<u> </u>	<u>s</u>	Chloro	methane					1	<u> </u>	
75-01-4	<u> </u>		nioride					1	<u> </u>	
74-03-8	, }	Chloro	methane					1		
75-60-4		Trichlo	rofluoromoth					1		
75-35-4			bloroetbene	ane				1		
67-64-1		Aceton						1		7
75-15-0	 	Carbor	Disulfide					<u> </u>		J
75-09-2		Methyle	ene Chloride					1		
156-60-	5	trans-1	2-Dichloroet	hene				<u> </u>		
75-34-3		1.1-Dic	hloroethane					1		
156-59-	2	cis-1.2-	Dichloroethe	ne	-	·				-
78-93-3		2-Butar	none (MEK)					5	<u> </u>	M
74-97-5		Bromod	chloromethar	e				1	U	~
67-66-3		Chlorof	orm					1	Ŭ	
107-06-2	2	1,2-Dic	hloroethane					1	Ū	
71-55-6		<u>  1,1,1-Tı</u>	richloroethan	e				1	U	
56-23-5		Carbon	tetrachloride					1	U	
71-43-2		Benzen	е					1	U	
79-01-6	· · · · · · · · · · · · · · · · · · ·	Trichlor	oethene					1	U	
/8-8/-5		1,2-Dich	loropropane					1	<u>    U    </u>	
10061 0	1 5	Bromod	<u>ichiorometha</u>	ine			<u> </u>	1	U	
10001-0	<u>I-0</u>	CIS-1,3-	UICNIOroprop	ene					<u> </u>	_
108-88-3			1-2-Pentanor	1e				5	<u> </u>	_
10061-02	, 2-6	trans_1	3-Dichloropro	00000	·			1	<u> </u>	-
79-00-5		1 1 2-Tr	ichloroethane	phene			<u> </u>	!		
127-18-4		Tetrachl	oroethene	J				<u> </u>		
591-78-6		2-Hexan	one					5	· U	-
124-48-1		Dibromo	chlorometha	ne					<u> </u>	-
106-93-4	_	1.2-Dibro	omoethane					1	<u> </u>	-
108-90-7		Chiorobe	enzene					1	<u>_</u>	-
100-41-4		Ethylben	zene					1	<u> </u>	-1
1330-20-	7	(m+p) X	/lene					1	<u> </u>	-
1330-20-	7	o-Xylene	)	-				1	Ū	-
100-42-5		Styrene						1	Ū	
79-34-5		1,1,2,2-T	etrachloroetl	hane			· · · · · · · · · · · · · · · · · · ·	1	Ū	-
75-25-2		Bromofo	rm					1	U	4
541-73-1		1,3-Dichl	orobenzene					1	U	1

	1A VOLATILE ORGANICS ANALYSIS DATA SHEET						EPA SAMPLE NO.		
Lab Name: 0	CAS/RO				ontract: S	HAW	TRIP	BLAN	к
Lab Code: 1	0145	Ca	se No.: <u>R6-</u>	31842	SAS No.:	S	DG No.:	4D	
Matrix: (soil/wa	iter)	WATER	<u>-</u> .		Lab S	Sample ID:	908123 1	.0	
Sample wt/vol:		25.0	(g/ml) ML	•	Lab F	ile ID:	T7872.D		
Level: (low/me	ed) <u>I</u>	LOW	_		Date	Received:	05/25/06		
% Moisture: no	t dec.				Date	Analyzed:	06/02/06		
GC Column:	CA-624	ID: 0.1	8 (mm)		Dilutio	on Factor:	1.0		
Soil Extract Vol	lume:		_ (uL)		Soil A	liquot Volu	me:		(uL)
			•	CONC	ENTRATIO	N UNITS:			
CAS NO.		COMPC	UND	(ug/L o	r ug/Kg)	UG/L		Q	
106-46-7	•	1,4-Die	chlorobenze	ne			1	U	
95-50-1		1,2-Die	chlorobenze	ne			1	U	
96-12-8		1,2-Dil	promo-3-chl	oropropa	ine		1	U	Л
120-82-1		1,2,4-7	richloroben	zene			1	U	5
87-68-3		Hexac	hlorobutadie	ene			1	U	
87-61-6		1,2,3-1	richloroben	zene			1	U_	T I

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## VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

HEET EPA SAMPLE NO. DS

Lab Name:	CAS/RO	ОСН			Contract:	SHAV	v	TRIP	BLANK
Lab Code:	10145	(	Case No.:	R6-31842	SAS No	).:	SI	DG No.: 4	lD
Matrix: (soil/v	vater)	WATER			La	b Samp	le ID:	908123 1.	0
Sample wt/vo	ol:	25.0	(g/ml)	ML	Lal	o File IC	<b>)</b> :	T7872.D	
Level: (low/m	ned)	LOW			Da	te Rece	ved:	05/25/06	
% Moisture: r	not dec.				Da	te Analy	/zed:	06/02/06	
GC Column:	CA-62	4_ ID: _	0.18 (mr	n)	Dilu	ution Fa	ctor:	1.0	
Soil Extract V	olume:	(uL)			Soil Aliquot Volume:				
Number TICs	found:	0		CON (ug/L	CENTRAT or ug/Kg)		NITS: 3/L		
CAS NO.		COMPC	UND			RT	ES	T. CONC.	Q

2A

### WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name:	CAS/ROCH		Contract:	SHAW
Lab Code:	10145	Case No.: R6-31842	SAS No	.: SDG No.: 4D

	EPA	SMC1	тот	
	SAMPLE NO.	#	OUT	
01	LCS01	102	0	7
02	VBLK01	97	0	1
03	4D	96	0	7
04	27D	96	0	]
05	14D	94	0	]
06	MRFA DUP A	96	0	
07	MRFA EFFLUE	NT 93	0	
08	TRIP BLANK	96	0	] .
09	M-25D	92	0	
10	DGC-3S	95	0	]
11	DGC-4S	98	0	]
12	M-33I	90	0	
13	M-33S	97	0	
14	M-24D	96	0	
15	M-11D	97	0	
16	27DMS	99	0	
17	27DMSD	99	0	
18	LCS02	94	0	
19	VBLK02	90	0	
20	M-29D	87	0	
21	TRIP BLANK	87	0	
22	DUP B	92	0	
23	M-29DDL	89	0	
24	<b>MRFA INFLUE</b>	• 90	0	·NT
25	MRFA INFLUE	· 92	0	NTOL
26	MRFA INFLUE	• 96	0	·NTDLMS
27	MRFA INFLUE	• 96	0	·NTDLMS]
28	COOLER BLAN	IK 91	0	

SMC1

= 4-Bromofluorobenzene

QC LIMITS (80-120)

# Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

## **METALS COVER PAGE - INORGANIC ANALYSES DATA PACKAGE**

Contract: R2	631842			SDG No.: 4D
Lab Code:		Case No.	:	SAS No.:
SOW No.: CLP I	LM4.1	Client:	Shaw Environmental	
	Sample No.		Lab Sample ID.	
	27D		907746	
	27DD		907746D	
	27DS		907746s	
	13D		907751	
	DUP C		907766	· · · · ·

Were ICP interelement corrections applied?	Yes/No YES
Were ICP background corrections applied?	Yes/No YES
If yes-were raw data generated before application of background corrections?	Yes/No NO

Comments: See Attached Case Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

E. Perry Michaek Signature:

Name:

Michael K. Kerry Laboratory Managor 

Date:

Title:

COVER PAGE - IN

## METALS

#### -1-

#### INORGANIC ANALYSIS DATA SHEET

4.			SAMPLE NO.	
			13D	
Contract: R2631842				
Lab Code:	Case No.:	SAS No.:	SDG NO.: 4D	
Matrix (soil/water):	WATER	Lab Sample	ID: 907751	
Level (low/med): LOW		Date Recei	ved: 05/24/06	
_				

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	с	Q	м
7440-47-3	Chromium	11.0			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: Color After: COLORLESS Clarity After: CLEAR Artifacts: Comments:

## METALS

#### -1-

## INORGANIC ANALYSIS DATA SHEET

	INUKGA	INIC ANALISIS DATA SHI		SAMPLE NO.	
				27D	
Contract: R2631842			Ĺ		
Lab Code:	Case No.:	SAS No.:	SDG NO	.: <u>4</u> D	_
fatrix (soil/water):	WATER	Lab Sample	ID: 907746		
Level (low/med): L(	WC	Date Receiv	ved: 05/24/06	<u></u>	

Concentration Units (ug/L or mg/kg dry weight):  $\mu$ G/L

CAS No.	Analyte	Concentration	С	Q	м
7440-47-3	Chromium	2.7	в		P

Color Before: COLORLESSClarity Before:CLEARTexture:Color After: COLORLESSClarity After:CLEARArtifacts:Comments:

		METALS -1-		
•	INORGA	ANIC ANALYSIS DATA SHEET	SA	MPLE NO.
			DU	P C
Contract: R2	631842	·	L	
ab Code:	Case No.:	SAS No.:	SDG NO.:	4D
atrix (soil/	water): <u>WATER</u>	Lab Sample ID:	907766	
evel (low/med): LOW		Date Received: (	5/24/06	
•				

Concentration Units (ug/L or mg/kg dry weight):  $\mu$ G/L

CAS No.	Analyte	Concentration	С	Q	м
7440-47-3	Chromium	2.4	В		P

Color Before: COLORLESSClarity Before: CLEARTexture:Color After: COLORLESSClarity After: CLEARArtifacts:Comments:Comments:Clarity After: CLEARClarity After: CLEAR

#### COLUMBIA ANALYTICAL SERVICES

Reported: 06/26/06

Shaw Environmental Project Reference: GE MRFA PROJECT #810066 Client Sample ID : 27D

Date Sampled : 05/23/0 Date Received: 05/24/0		14:00	Order Submission	<b>#:</b> 90774 <b>#:</b> R2633	16 L842	Sample Matrix: WATER			
ANALYTE	. •	METHOD	PQL	RESUL	T UNII	DATE 'S ANALYZED	TIME ANALYZED	DILUTION	
HEXAVALENT CHRO	MIUM	7196A	0.0100	0.010	OU MG/L	05/24/06	12:12	1.0	

#### COLUMBIA ANALYTICAL SERVICES

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Reported: 06/26/06

Shaw Environmental Project Reference: GE MRFA PROJECT #810066 Client Sample ID : 13D

Date Sampled : 05/23/0 Date Received: 05/24/0	6 13:00 Order 6 Submission	* #: 907751 #: R2631842	Sample Matrix: WATER			
ANALYTE	METHOD PQL	RESULT	UNITS	DATE TIME ANALYZED ANALYZED 1	DILUTION	
HEXAVALENT CHROMIUM	7196A 0.0100	0.0100 U	MG/L	05/24/06 12:12	1.0	

#### COLUMBIA ANALYTICAL SERVICES

Reported: 06/26/06

Shaw Environmental Project Reference: GE MRFA PROJECT #810066 Client Sample ID : DUP C

Date Sampled : Date Received:	05/23/06 05/24/06		Order Submission	#: 907766 #: R2631842		Sample Matr	ix: WATER	2
ANALYTE		METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
HEXAVALENT CHR	OMIUM	7196A	0.0100	0.0100 U	MG/L	05/24/06	12:12	1.0

						EPA	SAMPLE NO.
Lab Name:	CAS/ROCH		THOD BLAI	NK SUMM	SHAW		VBLK01
Lab Code:	10145	Case No.:	R6-31842	SAS No	o.: S	DG No.	: 4D
Lab File ID:	T7848.D			La	b Sample ID:	915216	6 1.0
Date Analyze	ed: 06/01/06	· · · ·		Tin	ne Analyzed:	14:02	
GC Column:	CA-624 ID	): <u>0.18</u> (r	nm)	He	eated Purge:	(Y/N)	N
Instrument IE	): GCMS#6						

## THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	LCS01	915217 1.0	T7846.D	12:45
02	4D	907743 1.0	T7849.D	14:33
03	27D	907746 1.0	T7850.D	15:04
04	14D	907760 1.0	T7851.D	15:38
05	MRFA DUP A	907762 1.0	T7852.D	16:10
06	MRFA EFFLUENT	907763 1.0	T7853.D	16:45
07	TRIP BLANK	907764 1.0	T7854.D	17:16
08	M-25D	908121 5.0	T7855.D	17:47
09	DGC-3S	908114 1.0	T7856.D	18:19
10	DGC-4S	908115 1.0	T7857.D	18:56
11	M-33I	908116 1.0	T7858.D	19:33
12	M-33S	908117 1.0	T7859.D	20:10
13	M-24D	908118 1.0	T7860.D	20:47
14	M-11D	908119 1.0	T7861.D	21:24
15	27DMS	915218 1.0	T7862.D	22:01
16	27DMSD	915219 1.0	T7863.D	22:39

#### COMMENTS

			EPA S		<b>NO</b> .
		SIS DATA SHEET	v	BLK01	
Lab Name: CAS/F		Contract: SHAW			
Lab Code: 10145	Case No.: R6-31842	SAS No.:	SDG No.:	4D	
Matrix: (soil/water)	WATER	Lab Sample I	D: 915216	1.0	
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7848.D	)	
Level (levelmed)					
Level: (low/meu)		Date Receive	u		
% Moisture: not dec	•	Date Analyze	d: <u>06/01/06</u>	<u> </u>	
GC Column: CA-6	324 ID: 0.18 (mm)	Dilution Facto	r: 1.0		
Soil Extract Volume:	(uL)	Soil Aliquot Ve	olume.		(al.)
	(-=)	een ruiduot ti			(uL)
	CONC	CENTRATION UNIT	S:		
CAS NO.	COMPOUND (ua/L (	or ua/Ka) UG/L		Q	
	(	<u> </u>		~	
74-87-3	Chloromethane		1	U	
75-01-4	Vinyl Chloride		1	U	
74-83-9	Bromomethane		1	U	
75-00-3	Chloroethane		1	U	4
75-69-4	I richlorofluoromethane		1	U	_
75-35-4	1,1-Dichloroethene		1	U	_
67-64-1	Acetone		5	U	_
75-10-0	Methylene Chloride		1		-
156,60,5	trans_1 2-Dichloroethene		1		-
75-34-3	1 1-Dichloroethane		<u> </u>		-
156-59-2	cis-1 2-Dichloroethene		<u>/</u>		-
78-93-3	2-Butanone (MEK)		5		-
74-97-5	Bromochloromethane		1		-
67-66-3	Chloroform		1	U U	-
107-06-2	1,2-Dichloroethane		1	U	-
71-55-6	1,1,1-Trichloroethane		1	U	1
56-23-5	Carbon tetrachloride		1	U	-
71-43-2	Benzene		1	U	1
79-01-6	Trichloroethene		1	U	
78-87-5	1,2-Dichloropropane		1	U	
75-27-4	Bromodichloromethane		1	<u> </u>	_
10061-01-5	cis-1,3-Dichloropropene		1	<u> </u>	
108-10-1	4-Methyl-2-Pentanone		5	U	4
108-88-3			1	U	-
10061-02-6	trans-1,3-Dichloropropene		1	U	
/9-00-5			1	<u> </u>	
127-18-4			1	<u> </u>	4
0-071-16C			<u> </u>	<u> </u>	1
106.02.4				<u> </u>	-
100-93-4	Chlorobenzene		4	<u> </u>	1
100-30-7	Fthylhenzene		1		ł
1330-20-7	(m+p) Xylene		1	<u> </u>	1
1330-20-7	o-Xviene		1	<u> </u>	1
100-42-5	Styrene		1	<u> </u>	1
79-34-5	1.1.2.2-Tetrachloroethane		<u> </u>		1
75-25-2	Bromoform		1	<u>U</u>	
541-73-1	1.3-Dichlorobenzene		1	<u> </u>	
L					

						EPA SAMPLE	NO.
Lab Name:	CAS/RO			Contract: SHAW		VBLK01	
Lab Code:	10145		Case No.: R6-31842	SAS No.:	SDO	G No.: 4D	
Matrix: (soil/	water)	WATE	R	Lab Sample I	): 9	15216 1.0	
Sample wt/ve	ol:	25.0	(g/mi) <u>ML</u>	Lab File ID:	Т	7848.D	
Level: (low/r	ned)	LOW		Date Received	1: _		
% Moisture:	not dec.			Date Analyzed	l: <u>0</u>	6/01/06	
GC Column:	CA-62	4_ ID:	<u>0.18</u> (mm)	Dilution Factor	: 1	.0	
Soil Extract V	/olume:		(uL)	Soil Aliquot Vo	lume	ð:	(uL)
			CON	CENTRATION UNITS	5:		

## COMPOUND

CAS NO.

(ug/L or ug/Kg) UG/L

Q

106-46-7	1,4-Dichlorobenzene	1	U
95-50-1	1,2-Dichlorobenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
120-82-1	1,2,4-Trichlorobenzene	0.2	J
87-68-3	Hexachlorobutadiene	1	Ŭ
87-61-6	1,2,3-Trichlorobenzene	0.3	J

VOLATILE ORGANICS ANALYSIS DATA SHEET	

TENTATIVELY IDENTIFIED COMPOUNDS VBLK01 Lab Name: CAS/ROCH Contract: SHAW Lab Code: 10145 Case No.: R6-31842 SAS No.: SDG No.: 4D WATER Matrix: (soil/water) Lab Sample ID: 915216 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7848.D Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 06/01/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Number TICs found: 0 COMPOUND CAS NO. RT EST. CONC. Q

EPA SAMPLE NO.

						EPA S	SAMPLE NO.
Lab Name:	CAS/ROCH		THOU BLA	Contract:	SHAW		/BLK02
Lab Code:	10145	Case No.:	R6-31842	SAS No	o.: S	DG No.:	4D
Lab File ID:	T7870.D			Lal	b Sample ID:	915220	1.0
Date Analyze	ed: 06/02/06			Tin	ne Analyzed:	13:03	
GC Column:	CA-624 ID	: <u>0.18</u> (r	nm)	He	eated Purge:	(Y/N)	N
Instrument ID	: GCMS#6						

## THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

ſ	EPA	LAB	LAB	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	LCS02	915223 1.0	T7868.D	11:49
02	M-29D	908120 1.0	T7871.D	13:33
03	TRIP BLANK	908123 1.0	T7872.D	14:09
04	DUP B	908122 1.0	T7873.D	14:44
05	M-29DDL	908120 2.0	T7874.D	15:21
06	MRFA INFLUENT	907761 1.0	T7875.D	15:58
07	MRFA INFLUENT	907761 2.0 (DL)	T7877.D	17:09
08	MRFA INFLUENT	915225 2.0 (DLMS)	T7878.D	17:46
09	MRFA INFLUENT	915226 2.0 (DLMSD)	T7879.D	18:24
10	COOLER BLANK	907765 1.0	T7882.D	20:16

## COMMENTS

	V	1A OLATILE ORGANICS			цест	EPA S	SAMPLE	NO.
l ah Name: (	^^\$/RO	CH		otract: S			/BLK02	
Lab Name	10145	Case No : R6		$\frac{1}{2}$			40	
			-010-72 0		0	DG NU	40	
watrix: (soii/wa	ater)	WATER		Lab S	ample ID:	915220	1.0	
Sample wt/vol:		25.0 (g/ml) <u>MI</u>		Lab F	ile ID:	T7870.[	2	
Level: (low/me	ed)	LOW		Date I	Received:			
% Moisture: no	ot dec.			Date /	Analvzed:	06/02/0	6	
GC Column	CA-624			Dilutio	n Eactor:	1.0		
		<u> </u>		Diatio		1.0		
Soil Extract Vol	lume:	(uL)		Soil A	liquot Volu	me:	·	(uL)
			0011051					
			CONCEN	NTRATIO	N UNITS:			
CAS NO.		COMPOUND	(ug/L or ι	lg/Kg)	UG/L	·	Q	
71-97-2	······································	Chloromethana				4		
75-01-4		Vinvl Chloride				1	U 11	
74-83-9		Bromomethane				1		
75-00-3		Chloroethane				1		
75-69-4		Trichlorofluorome	thane			1		
75-35-4		1.1-Dichloroethen	e			1		
67-64-1		Acetone				5		[
75-15-0		Carbon Disulfide				1	U U	
75-09-2		Methylene Chlorid	e			1	U	-1
156-60-5		trans-1,2-Dichloro	ethene			1	U	-
75-34-3		1,1-Dichloroethan	e			1	U	
156-59-2		cis-1,2-Dichloroeth	nene			1	U	1
78-93-3		2-Butanone (MEK)	)			5	U	
74-97-5		Bromochlorometha	ane			1	U	7
67-66-3	·····	Chloroform				1	U	
107-06-2		1,2-Dichloroethane	Э			1	U	
71-55-6		1,1,1-Trichloroetha	ane			1	U	
56-23-5		Carbon tetrachloric	de			1	<u> </u>	
71-43-2		Benzene		·····-		1	U	
79-01-6		Trichloroethene				1	U	
/8-87-5		1,2-Dichloropropar	<u>1e</u>			1	U	4
15-21-4	<b>_</b>	Bromodichiorometi	nane			1	U	-
10001-01-	-ວ	CIS-1,3-DICNIOROPRO	pene		_	1	<u>U</u>	4
108-10-1		4-ivietnyi-2-Pentan	one	·····		5	U	-
100-00-3	6	trans 1.2 Dichlorer				1	<u> </u>	4
79_00_5	-0	1 1 2 Trichlorootha				1	0	-
127-18-4		Tetrachloroethone				1	<u> </u>	4
591-78-6		2-Hevenone				I 		4
124-48-1		Dibromochlorometh	nane			<u> </u>		-
106-93-4		1 2-Dibromoethane				1		1
108-90-7		Chlorobenzene	,			4	<u> </u>	1
100-41-4		Ethylbenzene				1		1
1330-20-7		(m+p) Xvlene				1		1
1330-20-7		o-Xvlene			+	1	<u>U</u>	1
100-42-5	· · · · <u>-</u>	Styrene				1	<u> </u>	1
79-34-5		1,1,2,2-Tetrachloro	ethane			1	<u> </u>	
75-25-2		Bromoform			1	1	<u> </u>	-
541-73-1		1.3-Dichlorobenzen	e		†	1	<u> </u>	

	、			1A ICS ANAL		0 CHI	-67	EPA SA	MPLE	NO.
Lab Name:	CAS/RO	СН			Contract:	SH	- <b>-</b> ' 4W	VE	BLK02	
Lab Code:	10145		Case No.:	R6-31842	SAS No	o.:	S	DG No.:	4D	
Matrix: (soil/w	vater)	WATE	<u> </u>		La	b Sar	nple ID:	915220 1	.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML	La	b File	ID:	T7870.D		
Level: (low/m	ned)	LOW			Da	ate Re	ceived:			
% Moisture: n	not dec.				Da	ite An	alyzed:	06/02/06	·····	
GC Column:	CA-624	ID:	0.18 (m	ım)	Dil	ution	Factor:	1.0	:	
Soil Extract V	olume:		(uL)		So	il Aliq	uot Volu	me:		(uL)
				CON	CENTRAT		UNITS:			
CAS NO	•	COM	IPOUND	(ug/L	or ug/Kg)		UG/L		Q	
106-46	-7	1,4	-Dichlorobe	enzene				1	U	
95-50-1		1,2	-Dichlorobe	enzene				1	U	
96-12-8	3	1,2	-Dibromo-3	-chloropro	pane			1	U	
120-82-	-1	1,2	,4-Trichlord	benzene				1	Ŭ	
87-68-3	3	He	kachlorobu	tadiene				1	Ū	
87-61-6	}	1.2	3-Trichlorg	benzene				0.3		

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VOLATILE ORGANICS ANALYSIS DATA SHEET	
TENTATIVELY IDENTIFIED COMPOUNDS	

VBLK02 Lab Name: CAS/ROCH Contract: SHAW Lab Code: 10145 Case No.: R6-31842 SAS No.: SDG No.: 4D Matrix: (soil/water) WATER Lab Sample ID: 915220 1.0 Sample wt/vol: 25.0 (g/ml) ML Lab File ID: T7870.D Level: (low/med) LOW Date Received: % Moisture: not dec. Date Analyzed: 06/02/06 GC Column: CA-624 ID: 0.18 (mm) Dilution Factor: 1.0 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Number TICs found: 0 CAS NO. COMPOUND RT EST. CONC. Q

EPA SAMPLE NO.

# 3A WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	CAS/ROCH		Contract:	SHAW	·	•	· .	
Lab Code:	10145	Case No.: R6-3184	2 SAS No	o.:	SDG No.:	4D		
Matrix Spike	- EPA Sample N	o.: LCS01					:	

· · · · · · · · · · · · · · · · · · ·	SPIKE	SAMPLE	MS	MS	QC
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L) (ug/L)		REC.
Vinyl Chloride	5.0	0.0	4.8	96	60 - 140
1,2-Dichloroethane	5.0	0.0	4.9	98	60 - 140
Carbon tetrachloride	5.0	0.0	4.6	92	60 - 140
Benzene	5.0	0.0	4.6	92	60 - 140
Trichloroethene	5.0	0.0	4.7	94	60 - 140
1,2-Dichloropropane	5.0	0.0	4.7	94	60 - 140
cis-1,3-Dichloropropene	5.0	0.0	4.8	96	60 - 140
1,1,2-Trichloroethane	5.0	0.0	5.0	100	60 - 140
Tetrachloroethene	5.0	0.0	4.4	88	60 - 140
1,2-Dibromoethane	5.0	0.0	5.0	100	60 - 140
Bromoform	5.0	0.0	4.7	94	60 - 140
1,4-Dichlorobenzene	5.0	0.0	4.9	98	60 - 140

COMMENTS:

VOLATILE ORGANICS ANALYSIS DATA SHEET           Lab Name:         CAS/ROCH         Contract: SHAW           Lab Code:         10145         Contract: SHAW           Lab Code:         10145         Contract: SHAW           Lab Code:         10145         Cost colspan="2">Cost colspan="2">Cost colspan="2">Cost colspan="2">Cost colspan="2">Cost colspan="2">Cost colspan="2">10162           Matrix:         (sollware:         Cost colspan="2">Cost colspan="2"            Cost colspan="2" <th colspan<="" th=""><th></th><th></th><th></th><th>1A</th><th></th><th></th><th></th><th>EPA S</th><th>AMPLE</th><th>NO.</th></th>	<th></th> <th></th> <th></th> <th>1A</th> <th></th> <th></th> <th></th> <th>EPA S</th> <th>AMPLE</th> <th>NO.</th>				1A				EPA S	AMPLE	NO.
Lab Raine         Construct.         Snrw	Lob Nomo:	VO		DRGANICS A	ANALYSIS E	DATA SH	EET	1	_CS01		
Lab Code:         10145         Case No::         RC-31842         SAS No::         DG No::         4D           Matrix:         (soli/water)         WATER         Lab Sample ID:         915217 1.0           Sample wt/vol:         25.0         (g/m)         ML         Lab File ID:         T7846.D           Level:         (low/med)         LOW         Date Received:			<u> </u>				AVV	_ L			
Matrix: (soil/water)         WATER         Lab Sample ID:         915217 1.0           Sample wt/vol:         25.0         (g/ml) ML         Lab File ID:         T7846.D           Level:         (low/med)         LOW         Date Received:	Lab Code:	10145	_ Cas	se No.: <u>R6-3</u>	1842 SAS	5 No.:	S	DG No.:	4D		
Sample wt/vol:         25.0         (g/ml)         ML         Lab File ID:         T7846.D           Level:         (low/med)         LOW         Date Received:	Matrix: (soil/	water) <u>M</u>	/ATER	_		Lab Sa	mple ID:	915217	1.0		
Level:         (low/med)         LOW         Date Received:           % Moisture: not dec.         Date Analyzed:         06/01/06           GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:	Sample wt/vo	ol: 2	5.0	(g/ml) ML		Lab File	e ID:	T7846.D	)		
Basel Analyzed:         Date Analyzed:         Of/O1/06           Soil Extract Volume:	i evel: (low/n	ned) I	OW.			Date R	eceived:	· · · · · · · · · · · · · · · · · · ·			
WindstureDate AnalyzetDouble AnalyzetGC Column: $CA-624$ [D: $0.18$ (mm)Dilution Factor: $1.0$ Soil Extract Volume:				-				00/04/06			
GC Column:         CA-624         ID:         0.18         (mm)         Dilution Factor:         1.0           Soil Extract Volume:         (uL)         Soil Aliquot Volume:         (uL)           CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         5         7         7         83-9         7         8-9         7         100         100/L         Q         Q           74-83-9         Bromomethane         4         4         7         7-8-01-4         Viny Chloride         5         1         7         8-39         8         7         8-94         Trichlorofluoromethane         4         1         7-5-05         1         1         10         1         10         1         10         1         10         1         10         1         10         1         15         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td>% Moisture.</td> <td></td> <td> ·</td> <th></th> <td></td> <td>Date Ar</td> <td>halyzed:</td> <td>00/01/00</td> <td>).</td> <td></td>	% Moisture.		·			Date Ar	halyzed:	00/01/00	).		
Soil Extract Volume:       (uL)       Soil Aliquot Volume:       (uL)         CONCENTRATION UNITS:         CAS NO.       COMPOUND       (ug/L or ug/Kg)       UG/L       Q         74-87-3       Chloromethane       5       7       7       7         75-01-4       Vinyl Chloride       5       7       7       7       9         75-00-3       Chloromethane       4       7       7       9       1       1       1         75-09-4       Trichlorofluoromethane       5       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1<	GC Column:	CA-624	ID: <u>0.1</u>	8 (mm)		Dilution	Factor:	1.0	· · ·		
CONCENTRATION UNITS:           CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         5         7         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         6         7         7         6         7         7         6         7         7         6         7         7         6         7         7         6         7         6         9         1         7         7         6         7         7         6         7         7         6         7         7         6         7         7         6         7         7         6         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7 <td< td=""><td>Soil Extract V</td><td>/olume:</td><td></td><th>_ (uL)</th><td></td><td>Soil Alic</td><td>quot Volu</td><td>ime:</td><td>:</td><td>(uL)</td></td<>	Soil Extract V	/olume:		_ (uL)		Soil Alic	quot Volu	ime:	:	(uL)	
CAS NO.         COMPOUND         (ug/L or ug/Kg)         UG/L         Q           74-87-3         Chloromethane         5         5           75-01-4         Vinyl Chloride         5         7           74-83-9         Bromomethane         4         7           75-00-3         Chloroethane         5         7           75-00-3         Chloroethane         5         7           75-03-4         Trichlorofuloromethane         4         7           75-354         1.1-Dichloroethane         5         1           67-84-1         Acetone         5         1           75-00-2         Methylene Chloride         5         1           136-60-5         trans-1.2-Dichloroethene         5         1           136-60-5         trans-1.2-Dichloroethene         5         1           136-60-5         trans-1.2-Dichloroethene         5         1           136-80-2         cis-1.2-Dichloroethene         5         1           136-80-3         Chloroform         5         1         1           174-97-5         Bromochloromethane         5         1         1         1           174-97-5         Bromochlororopapare         5 <td></td> <td></td> <td></td> <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
CAS NO.       COMPOUND       (ug/L or ug/Kg)       UG/L       Q         74-87-3       Chloromethane       5       5         75-01-4       Vinyl Chloride       5       7         74-83-9       Bromomethane       4       7         75-03       Chloroethane       5       7         75-99-4       Trichlorofluoromethane       4       7         75-35-4       1,1-Dichloroethene       5       0         67-64-1       Acetone       5       0         75-15-0       Carbon Disulfide       1       0         75-92       Methylene Chloride       5       1         136-60-5       trans-1,2-Dichloroethene       5       7         78-93-3       2-Butanone (MEK)       5       0         74-97-5       Bromochloromethane       5       1         107-06-2       1,2-Dichloroethane       5       7         79-32-5       Carbon tetrachloride       5       7         107-06-2       1,2-Dichloropethane       5       7         74-97-5       Benzene       5       7         79-01-6       1,1-1-Trichloroethane       5       7         78-87-5       1,2-Dichloropopane<					CONCENT	RATION	UNITS:				
74-87-3       Chloromethane       5         75-01-4       Vinyl Chloride       5         74-83-9       Bromomethane       4         75-00-3       Chloroethane       5         75-69-4       Trichlorofluoromethane       4         75-35-4       1.1-Dichloroethene       5         67-64-1       Acetone       5         07-515-0       Carbon Disulfde       1         175-09-2       Methylene Chloride       5         156-60-5       trans-1,2-Dichloroethene       5         156-60-5       trans-1,2-Dichloroethene       5         166-59-2       cis-1,2-Dichloroethene       5         166-59-2       cis-1,2-Dichloroethane       5         178-93-3       2-Butanone (MEK)       6       U         74-97-5       Bromochloromethane       5       5         107-06-2       1,2-Dichloroethane       5       5         71-55-6       1,1,1-Trichloroethane       5       5         78-97-5       Bromodichloromethane       5       5         78-97-5       Carbon tetrachloride       5       5         78-97-5       1,2-Dichloropropane       5       5         78-97-4       Bromodich	CAS NC	).	COMPC	OUND	(ug/L or ug/	'Kg)	UG/L	·	Q		
75-01-4       Uning/Integrating       3         75-00-3       Chloroethane       4         75-00-3       Chloroethane       5         75-69-4       Trichlorofluoromethane       4         75-35-4       1,1-Dichloroethene       5         67-64-1       Acetone       5         67-64-1       Acetone       5         15-0       Carbon Disulfide       1       U         75-09-2       Methylene Chloride       5       1         156-60-5       trans-1,2-Dichloroethene       5       1         156-60-5       trans-1,2-Dichloroethene       5       1         156-59-2       cis-1,2-Dichloroethene       5       1         78-33-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       1         107-06-2       1,2-Dichloroethane       5       1         107-06-2       1,2-Dichloroethane       5       1         79-01-6       Trichloroethane       5       1         79-01-6       Trichloroethane       5       1         79-01-6       Trichloroethane       5       1         10061-01-5       cis-1,3-Dichloropropane       5 <td>74 07</td> <td>2</td> <td>Chlore</td> <th>mothana</th> <td>·</td> <td></td> <td>1</td> <td></td> <td></td> <td></td>	74 07	2	Chlore	mothana	·		1				
10.01.1         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         11.11         <	75_01	3 4		Chlorida				5			
75:00-3       Chloroethane       5         75:60-4       Trichlorofluoromethane       4         75:35-4       1,1-Dichloroethene       5         67:64-1       Acetone       5         15:00-2       Methylene Chloride       1         75:00-2       Methylene Chloride       5         15:00-2       Methylene Chloroethene       5         15:00-2       Methylene Chloroethene       5         75:34:3       1,1-Dichloroethene       5         75:34:3       1,1-Dichloroethene       5         76:99-2       cis-1,2-Dichloroethene       5         156:59-2       cis-1,2-Dichloroethene       5         78:93:3       2-Butanone (MEK)       5       U         74:97:5       Bromochloromethane       5       1         107:06-2       1,2-Dichloroethane       5       1         107:06-2       1,2-Dichloroethane       5       1         71:45:6       1,1,1-Trichloroethane       5       1         76:23-5       Carbon tetrachloride       5       1         78:47:5       1,2-Dichloropropene       5       1         79:01-6       Trichloroethene       5       1         108:10-11 <td>74-83-</td> <td>4 Q</td> <td>Bromo</td> <th>methane</th> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td>	74-83-	4 Q	Bromo	methane				<u> </u>			
75-80-4       Trichlorofluoromethane       4         75-35-4       1,1-Dichlorosthene       5         67-64-1       Acetone       5         07-61-1       Acetone       5         07-61-1       Acetone       5         07-61-1       Acetone       5         07-61-2       Methylene Chloride       5         156-00-5       trans-1,2-Dichloroethene       5         75-34-3       1,1-Dichloroethane       5         78-33-3       2-Butanone (MEK)       5         78-93-3       2-Butanone (MEK)       5         78-93-3       2-Butanone (MEK)       5         107-06-2       1,2-Dichloroethane       5         107-06-2       1,2-Dichloroethane       5         107-06-2       1,2-Dichloroethane       5         107-06-2       1,2-Dichloroptoethane       5         107-06-2       1,2-Dichloroptoethane       5         107-06-2       1,2-Dichloroptoethane       5         107-06-2       1,2-Dichloroptopane       5         107-06-2       1,2-Dichloroptopane       5         107-16       Cis-1,3-Dichloroptopane       5         108-10-1       4-Methyl-2-Pentanone       5	75-00-	3	Chloro	ethane							
73:35-4       1,1-Dichloroethene       5         67:64-1       Acetone       5       U         75:15-0       Carbon Disulfide       1       U         75:09-2       Methylene Chloride       5       1         156:60-5       trans-1,2-Dichloroethene       5       5         75:34-3       1,1-Dichloroethene       5       5         75:34-3       1,1-Dichloroethene       5       5         76:93-3       2-Butanone (MEK)       5       U         74:97-5       Bromochloromethane       5       5         107:06-2       1,2-Dichloroethane       5       5         71:455-6       1,1,1-Trichloroethane       5       5         76:63-5       Carbon tetrachloride       5       5         71:45-6       1,2-Dichloroethene       5       5         71:45-7       Bromochloromethane       5       5         78:47-8       Dichloroptopane       5       5         78:47-5       1,2-Dichloroptopane       5       5         78:47-5       1,2-Dichloroptopene       5       1         100:61:01-5       cis-1,3-Dichloroptopene       5       1         100:61:02-6       trans-1,3-Dichlor	75-69-	4	Trichlo	rofluorometh	ane			4	1		
67.64.1       Acetone       5       U $75.15-0$ Carbon Disulfide       1       U $75.09-2$ Methylene Chloride       5 $156-60-5$ trans-1,2-Dichloroethene       5 $75.34-3$ 1,1-Dichloroethene       5 $75.34-3$ 1,1-Dichloroethene       5 $75.34-3$ 2-Butanone (MEK)       5       U $74.97-5$ Bromochloromethane       5       5 $67.66-3$ Chloroform       5       5 $107.06-2$ 1,2-Dichloroethane       5       5 $71.55-6$ 1,1-Trichloroethane       5       5 $79.01-6$ Trichloroethane       5       5 $79.01-6$ Trichloroethane       5       5 $79.01-6$ Trichloroethane       5       5 $79.01-6$ Trichloroethane       5       0 $79.01-6$ Trichloroethane       5       0 $79.02-6$ 1,1,2-Dichloropropane       5       0 $79.00-5$ 1,1,2-Trichloroethane       5       1 $79.00-5$ 1,1,2-Trichloroethane       5       1	75-35-	4	1.1-Dic	chloroethene				5	+		
75-15-0       Carbon Disulfide       1       U         75-09-2       Methylene Chloride       5         156-60-5       trans-1,2-Dichloroethene       5         75-34-3       1,1-Dichloroethane       5         156-59-2       cis-1,2-Dichloroethene       5         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       5         67-66-3       Chloroform       5       1         107-06-2       1,2-Dichloroethane       5       5         71-55-6       1,1,1-Tirchloroethane       5       5         56-23-5       Carbon tetrachloride       5       5         79-01-6       Trichloroethane       5       7         79-01-6       Trichloroethane       5       7         75-27-4       Bromodichloromethane       5       1         108-10-1       4-Methyl-2-Pentanone       5       1         108-10-1       4-Methyl-2-Pentanone       5       1         108-10-2-6       trans-1,3-Dichloropropene       5       1         127-18-4       Tetrachloroethane       5       1         127-18-4       Tetrachloroethane       5       1	67-64-	1	Acetor	)e				5	U		
75-09-2       Methylene Chloride       5         156-60-5       trans-1,2-Dichloroethene       5         75-34-3       1,1-Dichloroethene       5         156-69-2       cis-1,2-Dichloroethene       5         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       5         67-66-3       Chloroform       5       1         107-06-2       1,2-Dichloroethane       5       5         71-55-6       1,1,1-Trichloroethane       5       5         56-23-5       Carbon tetrachloride       5       5         71-43-2       Benzene       5       5         79-01-6       Trichloroethene       5       5         78-87-5       1,2-Dichloropropane       5       5         76-27-4       Bromodichloromethane       5       0         10061-01-5       cis-1,3-Dichloropropene       5       0         10061-02-6       trans-1,3-Dichloropropene       5       0         108-88-3       Toluene       4       0       0         100-5       1,1,2-Trichloroethane       5       0       0         127-18-4       Tetrachloroethane       5 <td>75-15-0</td> <td>0</td> <td>Carbor</td> <th>n Disulfide</th> <td>······································</td> <td></td> <td></td> <td>1</td> <td>Ū</td> <td></td>	75-15-0	0	Carbor	n Disulfide	······································			1	Ū		
156-60-5       trans-1,2-Dichloroethene       5         75-34-3       1,1-Dichloroethane       5         156-59-2       cis-1,2-Dichloroethene       5         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       5         67-66-3       Chloroform       5       5         107-06-2       1,2-Dichloroethane       5       5         71-55-6       1,1,1-Trichloroethane       5       5         56-23-5       Carbon tetrachloride       5       5         71-43-2       Benzene       5       5         79-01-6       Trichloroethene       5       5         79-01-6       Trichloroethene       5       5         78-87-5       1,2-Dichloropropane       5       5         75-27-4       Bromodichloromethane       5       0         10061-01-5       cis-1,3-Dichloropropene       5       0         108-88-3       Toluene       4       10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5       0       124-48-1       Dibromochloromethane       5         106-93-4       1,2-Dibromochloromethane	75-09-2	2	Methyl	ene Chloride	· .			5			
75-34-3       1,1-Dichloroethane       5         156-59-2       cis-1,2-Dichloroethane       5         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       5         67-66-3       Chloroform       5       1         71-55-6       1,2-Dichloroethane       5       1         71-55-6       1,1,1-Trichloroethane       5       1         71-55-6       1,1,1-Trichloroethane       5       1         56-23-5       Carbon tetrachloride       5       1         71-43-2       Benzene       5       1         78-87-5       1,2-Dichloroppane       5       1         78-87-5       1,2-Dichloropropene       5       1         10061-01-5       cis-1,3-Dichloropropene       5       1         108-88-3       Toluene       4       1         1008-102-6       trans-1,3-Dichloropropene       5       1         79-00-5       1,1,2-Trichloroethane       5       1         1010-10-2-6       trans-1,3-Dichloropropene       5       1         1010-10-2-6       trans-1,3-Dichloropropene       5       1         1010-10-2       trans-1,3-Dichloro	156-60	-5	trans-1	,2-Dichloroe	thene			5			
156-59-2       cis-1,2-Dichloroethene       5         78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5       0         67-66-3       Chloroform       5       0         107-06-2       1,2-Dichloroethane       5       0         71-55-6       1,1,1-Trichloroethane       5       0         56-23-5       Carbon tetrachloride       5       0         71-43-2       Benzene       5       0         71-43-2       Benzene       5       0         71-43-2       Benzene       5       0         78-87-5       1,2-Dichloropropane       5       0         78-87-5       1,2-Dichloropropane       5       0         78-87-5       1,2-Dichloropropene       5       0         10061-01-5       cis-1,3-Dichloropropene       5       0         108-88-3       Toluene       4       0       0         108-88-3       Toluene       4       0       0         108-10-1       4-Methyl-2-Pentanone       5       0       0         127-18-4       Tetrachloroethene       4       0       0         127-18-4       <	75-34-3	3	1,1-Dic	chloroethane				5			
78-93-3       2-Butanone (MEK)       5       U         74-97-5       Bromochloromethane       5         67-66-3       Chloroform       5         107-06-2       1,2-Dichloroethane       5         71-55-6       1,1,1-Trichloroethane       5         56-23-5       Carbon tetrachloride       5         71-43-2       Benzene       5         79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropopane       5         78-87-5       1,2-Dichloropopane       5         78-87-5       1,2-Dichloropopane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-10-2-6       trans-1,3-Dichloropropene       5         108-10-2-6       trans-1,3-Dichloropropene       5         127-18-4       Tetrachloroethane       5         106-93-4       1,2-Dibromochloromethane       5         106-93-4       1	156-59	-2	cis-1,2	-Dichloroethe	ene			5			
74-97-5       Bromochloromethane       5         67-66-3       Chloroform       5         107-06-2       1,2-Dichloroethane       5         71-55-6       1,1.1-Trichloroethane       5         66-23-5       Carbon tetrachloride       5         71-43-2       Benzene       5         79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropropane       5         78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-10-1       4-Methyl-2-Pentanone       5         108-10-2-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         102-178-6       2-Hexanone       5         104-93-4       1,2-Dibromoethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         130-20-7       m+p) Xylene       9 </td <td>78-93-3</td> <td>3</td> <td>2-Buta</td> <th>none (MEK)</th> <td></td> <td></td> <td></td> <td>5</td> <td>U</td> <td></td>	78-93-3	3	2-Buta	none (MEK)				5	U		
67-66-3       Chloroform       5         107-06-2       1,2-Dichloroethane       5         71-55-6       1,1,1-Trichloroethane       5         56-23-5       Carbon tetrachloride       5         71-43-2       Benzene       5         79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       4         108-88-3       Toluene       4         108-10-2-6       trans-1,3-Dichloropropene       5         127-18-4       Tetrachloroethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         108-90-7       Chlorobenzene       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       9 <tr< td=""><td>74-97-5</td><td>5</td><td>Bromo</td><th>chlorometha</th><td>ne</td><td></td><td></td><td>5</td><td></td><td></td></tr<>	74-97-5	5	Bromo	chlorometha	ne			5			
107-06-2       1,2-Dichloroethane       5         71-55-6       1,1,1-Trichloroethane       5         56-23-5       Carbon tetrachloride       5         71-43-2       Benzene       5         79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         106-93-4       1,2-Dibromoethane       5         106-93-4       1,2-Dibromoethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1030-20-7       o-Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         10	67-66-3	3	Chlorot	form				5		·	
71-55-6       1,1,1-Trichloroethane       5 $56-23-5$ Carbon tetrachloride       5 $71-43-2$ Benzene       5 $79-01-6$ Trichloroethene       5 $78-87-5$ 1,2-Dichloropropane       5 $78-87-5$ 1,2-Dichloropropane       5 $78-87-5$ 1,2-Dichloropropene       5 $10061-01-5$ cis-1,3-Dichloropropene       5 $108-10-1$ 4-Methyl-2-Pentanone       5 $108-88-3$ Toluene       4 $10061-02-6$ trans-1,3-Dichloropropene       5 $79-00-5$ 1,1,2-Trichloroethane       5 $79-00-5$ 1,1,2-Trichloroethane       5 $127-18-4$ Tetrachloroethane       5 $127-18-4$ Tetrachloroethane       5 $106-93-4$ 1,2-Dibromoethane       5 $106-93-4$ 1,2-Dibromoethane       5 $108-90-7$ Chlorobenzene       5 $100-41-4$ Ethylbenzene       9 $1330-20-7$ o-Xylene       4 $100-42-5$ Styrene       4 $79-34-5$ 1,1,2,2-Te	107-06	-2	1,2-Dic	hloroethane	·····	·		5			
56-23-5       Carbon tetrachloride       5 $71-43-2$ Benzene       5 $79-01-6$ Trichloroethene       5 $79-01-6$ Trichloropropane       5 $78-87-5$ $1,2-Dichloropropane$ 5 $75-27-4$ Bromodichloromethane       5 $10061-01-5$ cis-1,3-Dichloropropene       5 $108-10-1$ 4-Methyl-2-Pentanone       5 $108-88-3$ Toluene       4 $10061-02-6$ trans-1,3-Dichloropropene       5 $79-00-5$ $1, 1, 2$ -Trichloroethane       5 $127-18-4$ Tetrachloroethane       5 $127-18-4$ Tetrachloroethane       5 $127-18-4$ Tetrachloroethane       5 $127-18-4$ Tetrachloroethane       5 $106-93-4$ $1,2-Dibromoethane$ 5 $106-93-4$ $1,2-Dibromoethane$ 5 $108-90-7$ Chlorobenzene       5 $100-41-4$ Ethylbenzene       9 $1330-20-7$ o-Xylene       4 $100-42-5$ Styrene       4 $79-34-5$ $1, 1, 2$	71-55-6	3	1,1,1-T	richloroethar	ne			5			
71-43-2       Benzene       5         79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1300-20-7       o-Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5       5         541-73-1       1,3-Dichlorobenzene       5	56-23-5	5	Carbon	tetrachloride	9			5			
79-01-6       Trichloroethene       5         78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         106-93-4       1,2-Dibromochloromethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       cm+p) Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	71-43-2	2	Benzer	ne		······		5			
78-87-5       1,2-Dichloropropane       5         75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethane       4         591-78-6       2-Hexanone       4         591-78-6       2-Hexanone       5         106-93-4       1,2-Dibromochloromethane       5         106-93-4       1,2-Dibromochloromethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         100-42-5       Styrene       4         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	79-01-6	<u> </u>	Trichlor	roethene				5			
75-27-4       Bromodichloromethane       5         10061-01-5       cis-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         130-20-7       o-Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       5         75-25-2       Bromoform       5	78-87-5	5	1,2-Dic	hloropropane	)			5			
10061-01-5       CIS-1,3-Dichloropropene       5         108-10-1       4-Methyl-2-Pentanone       5         108-88-3       Toluene       4         10061-02-6       trans-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethane       5         126-93-4       1,2-Dibromoethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5	75-27-4		Bromod	lichlorometh	ane			5		_	
108-10-1         4-Metnyl-2-Pentanone         5         U           108-88-3         Toluene         4         4           10061-02-6         trans-1,3-Dichloropropene         5         5           79-00-5         1,1,2-Trichloroethane         5         5           127-18-4         Tetrachloroethene         4         4           591-78-6         2-Hexanone         5         U           124-48-1         Dibromochloromethane         5         5           106-93-4         1,2-Dibromoethane         5         5           108-90-7         Chlorobenzene         5         5           100-41-4         Ethylbenzene         5         1           1330-20-7         or-Xylene         9         1           1330-20-7         or-Xylene         4         1           100-42-5         Styrene         4         1           79-34-5         1,1,2,2-Tetrachloroethane         5         5           75-25-2         Bromoform         5         5           541-73-1         1,3-Dichlorobenzene         5         5	10061-0	01-5	CIS-1,3-	Dichloroprop	ene			5			
100-00-3         1010ene         4           10061-02-6         trans-1,3-Dichloropropene         5           79-00-5         1,1,2-Trichloroethane         5           127-18-4         Tetrachloroethene         4           591-78-6         2-Hexanone         5           124-48-1         Dibromochloromethane         5           106-93-4         1,2-Dibromoethane         5           108-90-7         Chlorobenzene         5           100-41-4         Ethylbenzene         5           1330-20-7         (m+p) Xylene         9           1330-20-7         o-Xylene         4           100-42-5         Styrene         4           79-34-5         1,1,2,2-Tetrachloroethane         5           75-25-2         Bromoform         5	108-10-	· 1	4-IVIEIN	<u>yi-z-Pentano</u>	ne			5	<u> </u>		
10001-02-0       Italis-1,3-Dichloropropene       5         79-00-5       1,1,2-Trichloroethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         124-48-1       Dibromochloromethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	108-00-	-0 12 6	trone 1	3 Dichloropr				4			
79-00-5       1,1,2-methologethane       5         127-18-4       Tetrachloroethene       4         591-78-6       2-Hexanone       5         124-48-1       Dibromochloromethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	70.00 5	<u>J2-0</u>	142T	<u>-Dichloropr</u>	opene			<u>.5</u> E			
127-18-4       Tetracinoroethere       4         591-78-6       2-Hexanone       5         124-48-1       Dibromochloromethane       5         106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	107 19	<b>)</b>	Totroch	loroothono	e			5		-	
Control         2-modeling         5         0           124-48-1         Dibromochloromethane         5         1           106-93-4         1,2-Dibromoethane         5         1           108-90-7         Chlorobenzene         5         1           100-41-4         Ethylbenzene         5         1           1330-20-7         (m+p) Xylene         9         1           130-20-7         o-Xylene         4         1           100-42-5         Styrene         4         1           79-34-5         1,1,2,2-Tetrachloroethane         5         5           75-25-2         Bromoform         5         5           541-73-1         1,3-Dichlorobenzene         5         5	501_79	<del>т</del> .6	2-Heve	none				4 			
106-93-4       1,2-Dibromoethane       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	124-48	.1	Dibrom	ochlorometh	ne				U		
108-90-7       Chlorobenzene       5         108-90-7       Chlorobenzene       5         100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	106-03-	4	1 2-Dibr	omoethane				5		-	
100-41-4       Ethylbenzene       5         1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	108-90-	7	Chlorob	enzene				5		-	
1330-20-7       (m+p) Xylene       9         1330-20-7       o-Xylene       4         100-42-5       Styrene       4         79-34-5       1,1,2,2-Tetrachloroethane       5         75-25-2       Bromoform       5         541-73-1       1,3-Dichlorobenzene       5	100-41-	4	Ethylhe	nzene	·····			5	·····	-	
1330-20-7     o-Xylene     4       100-42-5     Styrene     4       79-34-5     1,1,2,2-Tetrachloroethane     5       75-25-2     Bromoform     5       541-73-1     1,3-Dichlorobenzene     5	1330-20	)-7	(m+n) X	vlene				0	·····		
100-42-5         Styrene         4           79-34-5         1,1,2,2-Tetrachloroethane         5           75-25-2         Bromoform         5           541-73-1         1,3-Dichlorobenzene         5	1330-20	)-7	o-Xvlen	8						-	
79-34-5         1,1,2,2-Tetrachloroethane         5           75-25-2         Bromoform         5           541-73-1         1,3-Dichlorobenzene         5	100-42-	5	Styrene		1			<u> </u>			
75-25-2         Bromoform         5           541-73-1         1,3-Dichlorobenzene         5	79-34-5		1.1.2.2-	Tetrachloroe	thane			5			
541-73-1 1,3-Dichlorobenzene 5	75-25-2		Bromofo	orm				5			
	541-73-	1	1,3-Dich	lorobenzene	· · · · · · · · · · · · · · · · · · ·			5			

Lab Name:	CAS/RC		JRGANICS		Contract: S	HEET	L	CS01	
Lab Code:	10145	Cas	se No.: <u>R6-</u>	31842	SAS No.:	S	DG No.:	4D	
Matrix: (soil/v	vater)	WATER			Lab S	ample ID:	915217 1	.0	
Sample wt/vo	ol:	25.0	(g/ml) ML		Lab Fi	ile ID:	T7846.D		
Level: (low/m	n <b>ed)</b>	LOW	-		Date F	Received:			
% Moisture: r	not dec.				Date A	Analyzed:	06/01/06		
GC Column:	CA-62	4 ID: <u>0.1</u>	8 (mm)		Dilutio	n Factor:	1.0		
Soil Extract V	olume:		_ (uL)		Soil Al	iquot Volui	me:		(uL)
				CONC	ENTRATIO	N UNITS:			
CAS NO	•	COMPC	DUND	(ug/L o	or ug/Kg)	UG/L		Q	
106-46	-7	1,4-Die	chlorobenze	ne			5		
95-50 <b>-</b> 1	1	1,2-Die	chlorobenze	ne	_		5		
96-12-8	3	1,2-Dil	bromo-3-chl	oroprop	ane		4		
120-82	-1	1,2,4-7	<b>Frichloroben</b>	zene			5	В	
87-68-3	3	Hexac	hlorobutadie	ene			5		
87-61-6	<u>}</u>	1,2,3-1	<u>Frichloroben</u>	zene			5	В	

3A

## WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	CAS/ROCH		Contract:	SHAW	
Lab Code:	10145	Case No.: R6-31842	SAS No.	SDG No.:	4D

Matrix Spike - EPA Sample No.: LCS02

	SPIKE	SAMPLE	MS	MS	QC
:	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L) (ug/L)		REC.
Vinyl Chloride	5.0	0.0	4.9	98	60 - 140
1,2-Dichloroethane	5.0	0.0	4.8	96	60 - 140
Carbon tetrachloride	5.0	0.0	5.0	100	60 - 140
Benzene	5.0	0.0	5.0	100	60 - 140
Trichloroethene	5.0	0.0	5.0	100	60 - 140
1,2-Dichloropropane	5.0	0.0	5.0	100	60 - 140
cis-1,3-Dichloropropene	5.0	0.0	4.8	96	60 - 140
1,1,2-Trichloroethane	5.0	0.0	4.9	98	60 - 140
Tetrachloroethene	5.0	0.0	5.1	102	60 - 140
1,2-Dibromoethane	5.0	0.0	4.9	98	60 - 140
Bromoform	5.0	0.0	5.1	102	60 - 140
1,4-Dichlorobenzene	5.0	0.0	5.0	100	60 - 140

			EPA S	SAMPLE NO.
Lah Name: CAS/R(		Contract: SHAW		LCS02
Lob Codo: 10145				
Lab Code. 10145	Case No <u>R0-31642</u>	5A5 NO.: 3	DG NO.:	4D
Matrix: (soil/water)	WATER	Lab Sample ID:	915223	1.0
Sample wt/vol:	25.0 (g/ml) ML	Lab File ID:	T7868.[	כ
Level: (low/med)	LOW	Date Received:		
% Moisture: not dec.		Date Analyzed:	06/02/0	6
		Dilution Foster	4.0	
GC Column: CA-02	<u>4</u> ID. <u>0.18</u> (IIIII)	Dilution Factor:	1.0	
Soil Extract Volume:	(uL)	Soil Aliquot Volu	ıme:	(uL)
	CONC	CENTRATION UNITS:		
CAS NO.	COMPOUND (ug/L	or ug/Kg) UG/L	· · · · ·	Q
74-87-3	Chloromethane		5	
75-01-4	Vinyl Chloride		5	
74-83-9	Bromomethane		4	
75-00-3	Chloroethane		5	
75-69-4	Trichlorofluoromethane		5	
75-35-4	1,1-Dichloroethene		6	
67-64-1	Acetone		5	U
75-15-0	Carbon Disulfide		1	U
75-09-2	Methylene Chloride		5	-
75 24 2	1 1 Dichloroothane		<u> </u>	
156_50_2	cis-1 2-Dichloroethene		<u>5</u>	
78-93-3	2-Butanone (MEK)		5	
74-97-5	Bromochloromethane		5	
67-66-3	Chloroform		5	
107-06-2	1,2-Dichloroethane		5	
71-55-6	1,1,1-Trichloroethane		5	
56-23-5	Carbon tetrachloride		5	
71-43-2	Benzene		5	
79-01-6			5	
75 27 4	- 1,2-Dichloropropane		5	
10061-01-5	cis_1 3-Dichloropropene		<u> </u>	
108-10-1	4-Methyl-2-Pentanone		5	11
108-88-3	Toluene		5	
10061-02-6	trans-1.3-Dichloropropene		5	
79-00-5	1,1,2-Trichloroethane		5	· · · · · · · · · · · · · · · · · · ·
127-18-4	Tetrachloroethene		5	
591-78-6	2-Hexanone		5	U
124-48-1	Dibromochloromethane		5	
106-93-4	1,2-Dibromoethane		5	
108-90-7	Chlorobenzene		5	
100-41-4	Ethylbenzene		5	
1330-20-7	(m+p) Xylene		10	
1330-20-7			5	
100-42-0	1 1 2 2 Tetrachlaracthana		5	
75-25-2	Bromoform		<u>5</u>	
541-73-1	1.3-Dichlorobenzene		5	
	10 2101000012010		<u> </u>	

	,		OPCAN			UCCT	EPA S	AMPLE	NO.
Lab Name:	CAS/RC		UNGAN		Contract: S	HAW	L	.CS02	
Lab Code:	10145	Ca	ase No.:	R6-31842	SAS No.:	S	- DG No.:	4D	
Matrix: (soil/w	vater)	WATER			Lab S	ample ID:	915223	1.0	
Sample wt/vo	l:	25.0	_ (g/ml)	ML	Lab F	le ID:	T7868.D		
Level: (low/m	ned)	LOW	_		Date I	Received:			
% Moisture: n	ot dec.		_		Date A	Analyzed:	06/02/06		
GC Column:	CA-62	4 ID: 0.	.18 (m	nm)	Dilutio	n Factor:	1.0		
Soil Extract V	olume:		(uL)		Soil Al	iquot Volui	me:		(uL)
				CON	CENTRATIO	VUNITS:			
CAS NO		COMP	OUND	(ug/L	or ug/Kg)	UG/L		Q	
106-46-	-7	1,4-D	ichlorob	enzene			5		<u> </u>
95-50-1		1,2-D	ichlorobe	enzene			5		-
96-12-8	5	1,2-D	ibromo-3	B-chloroprop	ane		4		-
120-82-	.1	1,2,4-	Trichloro	benzene			5		$\neg$
87-68-3	l .	Hexa	chlorobu	tadiene	······		5		
87-61-6		1,2,3-	Trichloro	benzene			5	В	-

## METALS

-3-

#### BLANKS

Contract: R2631842

lab Code:

SAS No.:

SDG NO.: 4D

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Case No.:

			Cont	tinuing Blank	Calibr (ug/L)	ation		Preparation Blank			
Analyte	(ug/L)	c	1	С	2	С	3	С		С	М
Chromium	2.	0 0	2.	.0 U	2	0 U	2.	0   U	2.010	U	P

HEXAVALENT CHROMIUM

#### INORGANIC BLANK SPIKE SUMMARY

#### CAS Submission #: R2631842 Client: Shaw Environmental GE MRFA PROJECT #810066

BLANK	FOUND	ADDED	ED % REC LIMITS		RUN	UNITS
0.0100 U	0.0977	0.100	98	90 - 109	130425	MG/L

BLANK SPIKES

3A

### WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:CAS/ROCHContract:SHAWLab Code:10145Case No.:R6-31582SAS No.:SDG No.:4D

Matrix Spike - EPA Sample No.: 27D

	SPIKE	SAMPLE MS		MS	QC
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Vinyl Chloride	5.0	0.0	5.1	102	60 - 140
1,2-Dichloroethane	5.0	0.0	5.6	112	60 - 140
Carbon tetrachloride	5.0	22	25	52 *	60 - 140
Benzene	5.0	0.0	4.9	98	60 - 140
Trichloroethene	5.0	16	21	92	60 - 140
1,2-Dichloropropane	5.0	0.0	5.2	104	60 - 140
cis-1,3-Dichloropropene	5.0	0.0	5.1	102	60 - 140
1,1,2-Trichloroethane	5.0	0.0	5.2	104	60 - 140
Tetrachloroethene	5.0	0.0	4.8	96	60 - 140
1,2-Dibromoethane	5.0	0.0	5.4	108	60 - 140
Bromoform	5.0	0.0	5.2	104	60 - 140
1,4-Dichlorobenzene	5.0	0.0	5.1	102	60 - 140

	SPIKE	MSD	MSD				
	ADDED	CONCENTRATION	%	%	QC L	QC LIMITS	
COMPOUND	(ug/L)	(ug/L.)	REC #	RPD #	RPD	REC.	
Vinyl Chloride	5.0	5.5	110	8	30	60 - 140	
1,2-Dichloroethane	5.0	5.6	112	0	30	60 - 140	
Carbon tetrachloride	5.0	26	80	29	30	60 - 140	
Benzene	5.0	5.1	102	4	30	60 - 140	
Trichloroethene	5.0	21	100	0	30	60 - 140	
1,2-Dichloropropane	5.0	5.1	102	2	30	60 - 140	
cis-1,3-Dichloropropene	5.0	5.1	102	0	30	60 - 140	
1,1,2-Trichloroethane	5.0	5.5	110	6	30	60 - 140	
Tetrachloroethene	5.0	4.8	96	0	30	60 - 140	
1,2-Dibromoethane	5.0	5.4	108	0	30	60 - 140	
Bromoform	5.0	5.4	108	4	30	60 - 140	
1,4-Dichlorobenzene	5.0	5.2	104	2	30	60 - 140	

# Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 12 outside limits

Spike Recovery: 1 out of 24 outside limits

COMMENTS:
								EPA S	AMPLE	NO.
Lob Nomo:	CASIDI		: ORGANICS	ANALY	Contract			2	7DMS	
Lab Name.	40445			\	Contract:		<u></u>			]
Lab Code:	10145	U	ase No.: Ro-	31842	SAS N	10.:	2	SDG NO.:	4D	
Matrix: (soil/	<i>w</i> ater)	WATER			La	ab Sam	ple ID:	915218	1.0	
Sample wt/vo	ol:	25.0	(g/ml) ML		La	ab File I	D:	T7862.D	)	
Level: (low/n	ned)	LOW			D	ate Rec	eived:	05/24/06	 1	
								00/24/00	·	
% Moisture: I	not dec.	· · · · · · · · · · · · · · · · · · ·			Da	ate Ana	lyzed:	06/01/06	<b>;</b>	
GC Column:	<u>CA-62</u>	<u>4</u> ID: <u>0</u>	.18 (mm)		Di	ilution F	actor:	1.0		
Soil Extract V	/olume:		(uL)		Sc	oil Aliau	ot Volu	ime:		(ul.)
			()							(uL)
				CONC			NITS:			
CAS NO	).	COMF	POUND	(ua/l	or ua/Ka	) U	G/I		0	
0,10,10	•			(~9/L		, _			9	
74-87-3	3	Chlo	romethane					5		
75-01-	4	Vinyl	Chloride					5		
74-83-9	9	Brom	nomethane					4		
75-00-3	3	Chlor	roethane					5		
75-69-4	4	Trich	lorofluoromet	hane				6		
75-35-4	4	<u> </u>	Dichloroethene	3				6		
67-64-1	<u>t</u>	Aceto	one					5	U	
75-15-0	<u>)                                    </u>	Carb	on Disulfide					1	<u>U</u>	
75-09-2	2	Meth	ylene Chloride	e				6		
156-60	-5	trans	-1,2-Dichloroe	ethene				5		
75-34-3	3	<u>1,1-D</u>	ichloroethane	)				5		
156-59	-2		2-Dichloroeth	ene				5		
/8-93-3	<u>}</u>	2-But	anone (MEK)					5	<u> </u>	
74-97-5	<u>)</u>	Brom	ochlorometha	ine				5	·	
07-00-3	<u>}</u>		<u>otorm</u>					8		
71 55 6	-2	1,2-0	Trichloroethane					6		_
56-23-5	<u>,</u> ;		n tetrachlorid					5		
71-43-2	, <b>,</b>	Benze		E				25 		
70-01-6	·	Trichl	oroethene							
78-87-5		1 2-Di	chloropropan	<b>A</b>				<u> 21</u> 5		
75-27-4		Bromo	ndichlorometh	ane				6		
10061-0	)1-5	cis-1.3	3-Dichloropro	pene				5		-
108-10-	1	4-Met	hvl-2-Pentanc	one				5	11	
108-88-	3	Toluer	ne				·····	5		
10061-0	)2-6	trans-	1,3-Dichlorop	ropene				5		
79-00-5		1,1,2-	Trichloroethar	ne				5	• • • • • • • • • • • • • • • • • • • •	
127-18-	4	Tetrac	hloroethene					5	-	-1
591-78-	6	2-Hex	anone					5	U	
124-48-	1	Dibron	nochlorometh	ane				6		
106-93-4	4	1,2-Dil	bromoethane					5		
108-90-7	7	Chloro	benzene					5		
100-41-4	4	Ethylb	enzene					5		
1330-20	-7	(m+p)	Xylene					10		
1330-20	-7	o-Xyle	ne					5		_
100-42-5	5	Styren	e					5		
79-34-5		1,1,2,2	-Tetrachloroe	thane	· · · · · · · · · · · · · · · · · · ·			5		_
75-25-2		Bromo	torm					5		4
541-73-1	ł	1,3-Dic	hlorobenzene	Э				5		1

	,	EPA SA	EPA SAMPLE N				
Lab Name:	CAS/RO	CH	Contra	act: <u>SHAW</u>	27	DMS	
Lab Code:	10145	Case No.:	R6-31842 SAS	S No.: S	SDG No.: 4	D	
Matrix: (soil/w	vater)	WATER		Lab Sample ID:	915218 1.	0	
Sample wt/vo	d:	25.0 (g/ml)	ML	Lab File ID:	T7862.D		
Level: (low/m	ned)	LOW		Date Received:	05/24/06		
% Moisture: r	not dec.	·		Date Analyzed:	06/01/06		
GC Column:	CA-624	4 ID: <u>0.18</u> (m	ım)	Dilution Factor:	1.0		
Soil Extract V	olume:	(uL)		Soil Aliquot Volu	ume:	· · ·	(uL)
			CONCENT	RATION UNITS:			
CAS NO	•	COMPOUND	(ug/L or ug/	/Kg) <u>UG/L</u>		Q	
106-46	-7	1,4-Dichlorobe	enzene		5		
95-50-1	1	1,2-Dichlorobe	enzene		5		
96-12-8	3	1,2-Dibromo-3	3-chloropropane		5		_
120-82	-1	1,2,4-Trichlorc	benzene		5	В	
87-68-3	87-68-3 Hexachlorobutadiene				5		
87-61-6	<u>}</u>	1,2,3-Trichloro	benzene		6	В	

	V			1A				EPA	SAMPLE	NO.
Lab Name:	CAS/RO(		CRGANIC	25 ANAL	Contra	AIAS	SHEET	2	27DMSD	
Lab Code:	10145	C	ase No.: F	86-31842	SAS	No.:			4D	·
					0,10		······ ``			
Matrix: (Soll/W	ater)	WATER				Lab	Sample ID:	915219	1.0	
Sample wt/vol	: 1	25.0	(g/ml) <u> </u>	ML		Lab F	File ID:	T7863.	D	
Level: (low/m	ed) I	LOW				Date	Received:	05/24/0	6	
% Moisture: no	ot dec.					Date	Analvzed:	06/01/0	6	
GC Column:	CA-624	ID: C		n)		Diluti	on Factor:	10		
Soil Extract Vo	dume:		(ul.)	.,		Soil A				(
	Jume		(uL)			3011 /	inquot voit	e:		(UL)
				CON						
		COM							-	
CAS NO.		COMP	OUND	(ug/L	or ug/r	(g)	UG/L	· · · · · · · · · · · · · · · · · · ·	Q	
74-87-3		Chlo	romethane	• • • • • • • • • • • • • • • • • • • •						
75-01-4		Vinv	Chloride					<u> </u>	_	
74-83-9	• • • • • • • • • • • • • • • • • • •	Bron	omethane					4	-	
75-00-3		Chlo	roethane	· · · · · · · · · · · · · · · · · · ·				6		•••••
75-69-4		Trich	lorofluorom	ethane				6	-	
75-35-4		1,1-	ichloroethe	ene				6		
67-64-1		Aceto	one					5	U	-
75-15-0		Carb	on Disulfide	)				1	U	
75-09-2		Meth	ylene Chlor	ide				6		
156-60-5	5	trans	-1,2-Dichlo	roethene				5		
75-34-3		<u>1,1-D</u>	ichloroetha	ne				5		
156-59-2	2	cis-1,	2-Dichloroe	ethene				5		
78-93-3		2-But	anone (ME	K)				5	U	_
74-97-5		Brom	ochloromet	hane				5		
67-66-3		Chlor	oform					8	_	
	<u> </u>	<u>1,2-D</u>	ichloroetha	ne				6	-	
71-55-0	. <u></u>	1,1,1-	I richloroet	nane				5	·	_
20-23-3	. <u></u>	Darbo	on tetrachio	ride				26	<u> </u>	_
71-43-2		Trichl					· · · · · · · · · · · · · · · · · · ·	5		
79-01-0			obloroprop					21		
75-27-4		Brom	dichlorome	alle				<u> </u>		_
10061-01	-5	cis-1 (	R-Dichloron					<u> </u>		-
108-10-1		4-Met	hvl-2-Penta	none				<u> </u>	11	-
108-88-3		Toluer	ne					5		-
10061-02	2-6	trans-	1.3-Dichlor	propene				5	1	-4
79-00-5		1,1,2-	Frichloroeth	ane				6	<u> </u>	-
127-18-4		Tetrac	hloroethen	9				5		-
591-78-6		2-Hex	anone					5	U	-
124-48-1		Dibron	nochlorome	thane				6		1
106-93-4		1,2-Dil	promoethar	e				5		1
108-90-7		Chloro	benzene					5		-
100-41-4		Ethylbo	enzene		•			5		
1330-20-7	7	(m+p)	Xylene					10		1
1330-20-7	7	o-Xylei	ne	_				5		7
100-42-5		Styren	9					5		
79-34-5		1,1,2,2	-Tetrachlor	oethane				6		1
75-25-2		Bromo	orm					5		]
<u>541-73-1</u>		1,3-Dic	hlorobenze	ne				5		1

	١				EPA S	AMPLE	NO.		
Lab Name:	CAS/RC	OCH		Contrac	t: SHAW		27	DMSD	
Lab Code:	10145	Ca	se No.: R6-	31842 SAS I	No.:	SI	DG No.:	4D	
Matrix: (soil/v	vater)	WATER	_	L	ab Sample	ID:	915219	1.0	
Sample wt/vo	ol:	25.0	(g/ml) ML	L	ab File ID:		T7863.D		
Level: (low/n	ned)	LOW		[	Date Receive	ed:	05/24/06		
% Moisture: r	not dec.		-	0	oate Analyze	ed:	06/01/06		
GC Column:	CA-624	4 ID: 0.1	18 (mm)	C	ilution Facto	or:	1.0		
Soil Extract V	olume:		(uL)	S	oil Aliquot V	'olur	ne:		(uL)
				CONCENTRA		S:			
CAS NO		COMPO	DUND	(ug/L or ug/Kલ્	g) <u>UG/L</u>	•		Q	
106-46	-7	1,4-Di	chlorobenze	ene			5		
95-50-1	1	1,2-Di	chlorobenze	ne			5	1	
96-12-8	3	1,2-Di	bromo-3-chl	oropropane			5		
120-82	-1	1,2,4-	Trichloroben	zene			6	В	
87-68-3	3	Hexad	hlorobutadie	ene			5		
87-61-6	3	1,2,3-	<b>Frichloroben</b>	zene			6	В	

OLC 2.1

6

В

3A

#### WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

 Lab Name:
 CAS/ROCH
 Contract:
 SHAW

 Lab Code:
 10145
 Case No.:
 R6-31842
 SAS No.:
 SDG No.:
 4D

 Matrix Spike - EPA Sample No.:
 MRFA INFLUENT
 L

	SPIKE	SAMPLE	MS	MS	QC
	ADDED	CONCENTRATION	CONCENTRATION	%	LIMITS
COMPOUND	(ug/L)	(ug/L)	(ug/L)	REC #	REC.
Vinyl Chloride	10	0.0	9.7	97	60 - 140
1,2-Dichloroethane	10	0.0	10	100	60 - 140
Carbon tetrachloride	10	38	47	86	60 - 140
Benzene	10	0.0	10	100	60 - 140
Trichloroethene	10	22	32	98	60 - 140
1,2-Dichloropropane	10	0.0	10	100	60 - 140
cis-1,3-Dichloropropene	10	0.0	9.8	98	60 - 140
1,1,2-Trichloroethane	10	0.0	10	100	60 - 140
Tetrachloroethene	10	0.0	11	110	60 - 140
1,2-Dibromoethane	10	0.0	11	110	60 - 140
Bromoform	10	0.0	10	100	60 - 140
1,4-Dichlorobenzene	10	0.0	10	100	60 - 140

	SPIKE	MSD	MSD			
	ADDED	CONCENTRATION	%	%	QC I	IMITS
COMPOUND	(ug/L)	(ug/L) (ug/L) RE		RPD #	RPD	REC.
Vinyl Chloride	10	11	110	13	30	60 - 140
1,2-Dichloroethane	10	10	100	0	30	60 - 140
Carbon tetrachloride	10	48	100	11	30	60 - 140
Benzene	10	11	110	10	30	60 - 140
Trichloroethene	10	33	110	10	30	60 - 140
1,2-Dichloropropane	10	11	110	10	30	60 - 140
cis-1,3-Dichloropropene	10	10	100	2	30	60 - 140
1,1,2-Trichloroethane	10	10	100	0	30	60 - 140
Tetrachloroethene	10	11	110	0	30	60 - 140
1,2-Dibromoethane	10	10	100	10	30	60 - 140
Bromoform	10	10	100	0	30	60 - 140
1,4-Dichlorobenzene	10	10	100	0	30	60 - 140

# Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 12 outside limits

Spike Recovery: 0 out of 24 outside limits

COMMENTS:

	,		1/ F ORGANICS	λ : ΔΝΙΔΙ Μ		QUEET	EPAS	SAMPLE	NO.
Lab Name:	CAS/RO	осн		, <b>UNUE</b> 1	Contract:	SHAW	MRFAIN	IFLUEN	
Lab Code:	10145	C	Case No.: R6	-31842	SAS No.:		SDG No.:	4D	
Matrix: (soil/	water)	WATER			Lab	Sample ID	915225	2.0	· · · · · · · · · · · · · · · · · · ·
Sample wt/ve	ol:	25.0	 (g/ml) Ml	_	Lab	File ID:	T7878.	<u>ר</u>	
Level: (low/r	med)	IOW	_ (0 /	-	Date	Received	. 05/24/0	6	
					Dale		. 03/24/0	0	
% Moisture:	not dec.				Date	Analyzed	: 06/02/0	6	
GC Column:	CA-62	4_ID: (	0.18 (mm)		Diluti	ion Factor:	2.0	· ·	
Soil Extract \	/olume:		(uL)		Soil /	Aliquot Vol	ume:		(uL)
				CONC					
	<b>`</b>	COM					•	0	
		COM	COND	(ug/L i	or ug/kg)	UG/L	· · ·	Q	
74-87-	3	Chlo	promethane				10	D	
75-01-	4	Viny	l Chloride				10	D	
74-83-	9	Bror	nomethane				8	D	
75-00-	3	Chlo	roethane				10	D	
75-69-	4	Trich	nlorofluorome	hane			10	D	
75-35-4	4	1,1-[	Dichloroethen	e			11	D	
67-64-	1	Acet	one				12	D	
75-15-0	) ·	Carb	on Disulfide				2	U	
75-09-2	2	Metr	iylene Chlorid	e			11	D	
150-60	-5	trans	-1,2-Dichloro	ethene			11	D	
15-34-3	<u>&gt;</u>	1,1-L	2 Diablesset	3				<u> </u>	
78.03.1	<u>-2</u> 2	2 Bu	,2-Dichloroetr	iene			10		
70-93-0	, ;	Brom	anone (MEK				10	<u> </u>	_
67-66-3	، ۱	Chlor	oform			·	10		^-
107-06-	.2	1 2-	ichloroethane	·······			14		
71-55-6	<u> </u>	111	-Trichloroetha	ne.			10		
56-23-5	,	Carb	on tetrachloric	10 10			<u></u>		-
71-43-2		Benz	ene				10		
79-01-6		Trich	oroethene		·····		32		-
78-87-5		1,2-D	ichloropropar	e			10		- · · ·
75-27-4	•	Brom	odichlorometl	nane			11	D	-1
10061-0	)1-5	cis-1,	3-Dichloropro	pene			10	D	-
108-10-	1	4-Met	hyl-2-Pentan	one			10	U	
108-88-	3	Tolue	ne				10	D	
10061-0	)2-6	trans-	1,3-Dichlorop	ropene			10	D	1
79-00-5		1,1,2-	Trichloroetha	ne			10	D	
127-18-	4	Tetrac	chloroethene				11	D	
591-78-	6	2-Hex	anone				10	<u> </u>	
124-48-	1	Dibror	nochlorometh	ane			10	<u>D</u>	
106-93-	4	1,2-Di	bromoethane				11	D	_
108-90-	<u>/</u>		benzene				11	D	4
100-41-4	+		Vuleza				11	D	4
1330-20	-/	(m+p)					21	D	4
100 42 4	-/	Chura-					10	<u>D</u>	4
70_21 5	, 	1 1 2 C	-Tetrachlara	there			10	<u>D</u>	4
75_25_2		Bromo	<u>-1-00-0010000</u>	andne			11	<u> </u>	4
541-73-1	. <u> </u>	1 3-Di	hlorohenzen	<u> </u>	<u> </u>		10	<u> </u>	ł
		1,0-01	STICIOD CITZEII			1	10	U	1

	V	/OLATILI	E ORGAN	1A ICS ANAL	YSIS DAT/	A SHE	ET	EPA S	SAMPLE	NO.
Lab Name:	CAS/RO	СН			Contract:	SHA	w r		IFLUEN	TDLMS
Lab Code:	10145	(	Case No.:	R6-31842	SAS No	D.:	S	DG No.:	4D	
Matrix: (soil/v	vater)	WATER			La	b Sam	ple ID:	915225	2.0	
Sample wt/vo	ol:	25.0	(g/ml)	ML.	La	b File I	D:	T7878.D	)	
Level: (low/m	ned)	LOW			Da	te Rec	eived:	05/24/06	 3	
% Moisture: r	not dec.				Da	te Ana	lyzed:	06/02/06	 3	
GC Column:	CA-624	ID: (	).18 (m	ım)	Dil	ution F	actor:	2.0		
Soil Extract V	olume:		(uL)		Soi	il Aliqu	ot Volui	me:		(uL)
				CON	CENTRAT	ION U	INITS:			
CAS NO	•	COM	POUND	(ug/L	. or ug/Kg)	U	IG/L		Q	• .
106-46	-7	1,4-	Dichlorobe	enzene				10	D	
95-50-1		1,2-	Dichlorobe	enzene				10		
96-12-8	3	1,2-1	Dibromo-3	-chloropro	pane					
120-82-	-1	1,2,4	4-Trichloro	benzene				10		
87-68-3	B	Hex	achlorobut	adiene				10		
87-61-6	; ;	1,2,3	B-Trichloro	benzene				10		

			EPA S	SAMPLE NO.
	VOLATILE ORGANICS ANALY	SIS DATA SHEE		
Lab Name: CAS/RC	)CH (	Contract: SHAW		LOENTDEN
Lab Code: 10145	Case No.: R6-31842	SAS No.:	SDG No.:	4D
Matrix: (soil/water)	WATER	Lab Sampl	e ID: 915226	2.0
Sample wt/vol:	25.0 (g/ml) MI	l ab File ID	Т7870 Г	)
			. <u>17079.</u>	
Level: (low/med)		Date Rece	ived: $05/24/06$	<u> </u>
% Moisture: not dec.		Date Analy	zed: 06/02/06	6
GC Column: CA-62	4 ID: 0.18 (mm)	Dilution Fa	ctor: 2.0	
Soil Extract Volume:	(ul )	Soil Aliquot	Volumo:	/
	(uz)			(uL
	CONC	CENTRATION UN		
CAS NO	COMPOUND (ug/L		11 O. 1/1	0
				Q
74-87-3	Chloromethane		10	D
75-01-4	Vinyl Chloride		11	D
74-83-9	Bromomethane		9	D
75-00-3	Chloroethane		10	D
75-69-4	Trichlorofluoromethane		10	D
/5-35-4	1,1-Dichloroethene			D
75 15 0	Corbon Disulfido		13	
75-09-2	Methylene Chloride		2	
156-60-5	trans-1 2-Dichloroethene		10	
75-34-3	1.1-Dichloroethane		10	
156-59-2	cis-1,2-Dichloroethene		10	
78-93-3	2-Butanone (MEK)		10	Ū
74-97-5	Bromochloromethane		10	D
67-66-3	Chloroform		14	D
107-06-2	1,2-Dichloroethane		10	D
71-55-6	1,1,1-Trichloroethane		11	D
56-23-5	Carbon tetrachloride		48	D
71-43-2	Trichloroothono		11	D
78-87-5	1 2-Dicbloropropage		33	
75-27-4	Bromodichloromethane		11	
10061-01-5	cis-1,3-Dichloropropene		10	D
108-10-1	4-Methyl-2-Pentanone		10	Ŭ
108-88-3	Toluene		10	D
10061-02-6	trans-1,3-Dichloropropene		10	D
79-00-5	1,1,2-Trichloroethane		10	D
127-18-4	Tetrachloroethene		11	D
591-78-6	2-Hexanone		10	<u> </u>
124-48-7			11	<u>D</u>
108-00-7			10	
100-41-4	Fthylbenzene		11	<u> </u>
1330-20-7	(m+p) Xvlepe		21	
1330-20-7	o-Xvlene		10	
100-42-5	Styrene		11	
79-34-5	1,1,2,2-Tetrachloroethane		10	D
75-25-2	Bromoform		10	D
541-73-1	1,3-Dichlorobenzene		10	D

	1A VOLATILE ORGANICS ANALYSIS DATA SHEET						AMPLE	NO.
Lab Name:	CAS/RO	СН		Contract:	SHAW N		LUENT	DLMSD
Lab Code:	10145	Case N	lo.: <u>R6-31842</u>	SAS No.:	S	DG No.:	4D	—
Matrix: (soil/w	vater)	WATER		Lab	Sample ID:	915226	2.0	
Sample wt/vo	i:	25.0 (g/	/ml) <u>ML</u>	Lab I	File ID:	T7879.C	)	
Level: (low/m	ed)	LOW		Date	Received:	05/24/06	}	
% Moisture: n	ot dec.			Date	Analyzed:	06/02/06	}	
GÇ Column:	CA-624	ID: 0.18	 (mm)	Diluti	on Factor:	2.0		
Soil Extract Vo	olume: _	(u	L)	Soil A	liquot Volu	me:	· · ·	(uL)
			CON	ICENTRATIC	N UNITS:			
CAS NO.		COMPOUN	D (ug/l	. or ug/Kg)	UG/L		Q	
106-46-	7	1,4-Dichlor	robenzene			10	D	
95-50-1		1,2-Dichlor	robenzene			10	D	
96-12-8		1,2-Dibrom	10-3-chloropro	pane		8	D	
120-82-	1	1,2,4-Trich	lorobenzene			10	D	
87-68-3		Hexachloro	obutadiene			10	D	-
87-61-6		1,2,3-Trich	lorobenzene			11	BD	

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### METALS

-5A-

### SPIKE SAMPLE RECOVERY

			SAMPLE NO.
			27DS
Contract: R26318	42		
Lab Code:	Case No.:	SAS No.:	SDG NO.: 4D
Matrix (soil/wat	er):WATER		Level (low/med): LOW
& Solids for Sam	ple: 0.0		

	Con	centration Units	(ug/	L or mg/kg dry	weight):	µG/L	-	
	Control	Spiked Sample		Sample	Spik	e		
lvte			CI				9-D	

	Control	Spiked Sample	Sample	Spike			ĺ
Analyte	Limit %R	Result (SSR) C	Result (SR) C	Added (SA)	₹R	Q	. <b>M</b>
Chromium	75 - 125	212.1446	2.7197 B	200.00	104.7		P

Comments:

## Columbia Analytical Services

### METALS -5B-

### POST DIGEST SPIKE SAMPLE RECOVERY

۰.				SA	MPLE NO.
Contract: R2631842					27DA
Lab Code:	Case No.:	SAS No.:		SDG NO.	: <u>4</u> D
fatrix (soil/water)	: WATER		Level (low	/med):	LOW

Concentration Units: ug/L

Analyte	Control	Spiked Sample		Sample	5	Spike				
	Limit %R	Result (SSR)	С	Result (SR)	C Ac	lded (SA)	%R	Q	м	
	Chromium		204.	54	2.7	72 В	200.0	100.9		·P

Comments:

Columbia Analytical Services

### METALS

-6-

### DUPLICATES

			SA	MPLE NO.
Contract: R2631842			27	סס7
.ab Code:	Case No.:	SAS No.:	SDG NO.	: <u>4D</u>
fatrix (soil/water):	WATER	Leve	el (low/med):	LOW
Solids for Sample:	0.0	% Solids fo	or Duplicate:	

	Concen	tration Units	(ug/L or me	g/kg dry weigh	nt):	μG/1	<u> </u>		
Analyte	Control Limit	Sample (S)	с	Duplicate	(D)	с	RPD	Q	м
Chromium			2.7197   B		2.5636	в	5.9		P

#### COLUMBIA ANALYTICAL SERVICES

#### INORGANIC QUALITY CONTROL SUMMARY

Report Date : 06/26/06 CAS Order # : 907746 - 27D Client : Shaw Environmental GE MRFA PROJECT #810066 Reported Units: MG/L Run #

: 130425

HEXAVALENT CHROMIUM

PRECISION				ACCURACY				
	ORIGINAL	DUPLICATE	RPD	FOUND	ADDED	% REC.	LIMITS	
[	0.0100 U	0.0100 U	NC	0.106	0.100	106	85 - 115	

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### VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

5A

Lab Name:	CAS/ROCH		(	Contract:	SHAW	
Lab Code:	10145	Case No.: R6	-31842	SAS No	.: SDG	No.: <u>4D</u>
Lab File ID:	T7392.D	·		BFI	B Injection Date:	5/8/06
Instrument ID	): GCMS#6			BFI	B Injection Time:	9:54
GC Column:	CA-624 ID	): <u>0.18</u> (mm	n)	Hea	ated Purge: (Y/N)	<u>N</u>
	· · · · · · · · · · · · · · · · · · ·				%	RELATIVE
m/e	ION ABUND	ANCE CRITER	RIA.		A	BUNDANCE
50 8.	0 - 40.0% of mas	s 95				20.5

75	30.0 - 66.0% of mass 95	47.1		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.7		
173	Less than 2.0% of mass 174	0.7	(	0.7 )1
174	50.0 - 120.0% of mass 95	92.5		
175	4.0 - 9.0% of mass 174	6.4	(	6.9 )1
176	93.0 - 101.0% of mass 174	87.7	(	94.8 )1
177	5.0 - 9.0% of mass 176	5.5	(	6.2 )2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

ſ	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	VSTD001/005	VSTD001/005	T7394.D	5/8/06	11:38
02	VSTD002/010	VSTD002/010	T7395.D	5/8/06	12:37
03	VSTD005/025	VSTD005/025	T7396.D	5/8/06	13:14
04	VSTD010/050	VSTD010/050	T7397.D	5/8/06	13:50
05	VSTD025/125	VSTD025/125	T7398.D	5/8/06	14:28

#### VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

5A

Lab Name:	CAS/ROCH		(	Contract: SHA	W	
Lab Code:	10145	Case No.:	R6-31842	SAS No.:	SDG N	lo.: <u>4D</u>
Lab File ID:	T7866.D			BFB Inje	ection Date:	6/2/06
Instrument I	): GCMS#6			BFB Inje	ection Time:	9:51
GC Column:	CA-624	ID: <u>0.18</u>	(mm)	Heated I	Purge: (Y/N)	<u>N</u>

		% RELATIV	E
m/e	ION ABUNDANCE CRITERIA	ABUNDANC	Έ
50	8.0 - 40.0% of mass 95	20.9	
75	30.0 - 66.0% of mass 95	49.7	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	1.2 (	1.1 )1
174	50.0 - 120.0% of mass 95	107.7	
175	4.0 - 9.0% of mass 174	7.5 (	7.0 )1
176	93.0 - 101.0% of mass 174	103.5 ( 9	6.1 )1
177	5.0 - 9.0% of mass 176	6.1 (	5.9 )2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

ſ	EPA	LAB	LAB	DATE	TIME
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	VSTD #2	VSTD #2	T7867.D	6/2/06	10:36
02	LCS02	915223 1.0	T7868.D	6/2/06	11:49
03	VBLK02	915220 1.0	T7870.D	6/2/06	13:03
04	M-29D	908120 1.0	T7871.D	6/2/06	13:33
05	TRIP BLANK	908123 1.0	T7872.D	6/2/06	14:09
06	DUP B	908122 1.0	T7873.D	6/2/06	14:44
07	M-29DDL	908120 2.0	T7874.D	6/2/06	15:21
08	MRFA INFLUENT	907761 1.0	T7875.D	6/2/06	15:58
09	MRFA INFLUENTDL	907761 2.0	T7877.D	6/2/06	17:09
10	MRFA INFLUENTDL	915225 2.0 (-MS)	T7878.D	6/2/06	17:46
11	MRFA INFLUENTDL	915226 2.0 (-MSD)	T7879.D	6/2/06	18:24
12	COOLER BLANK	907765 1.0	T7882.D	6/2/06	20:16

5A

#### VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name:	CAS/ROCH	AS/ROCH Contract: SHAW					
Lab Code:	10145	С	ase No.:	R6-31842	SAS N	o.: SDG	No.: <u>4D</u>
Lab File ID:	T7844.D		_		BF	B Injection Date:	6/1/06
Instrument ID	GCMS#6				BF	B Injection Time:	<u>10:49</u>
GC Column:	CA-624	ID:	0.18	(mm)	He	eated Purge: (Y/N)	<u>N</u>

			% REL	.AT	IVE
m/e	/e ION ABUNDANCE CRITERIA				NCE
50	8.0 - 40.0% of mass 95		20.7		
75	30.0 - 66.0% of mass 95		47.6		
95	Base peak, 100% relative abundance		100.0		
96	5.0 - 9.0% of mass 95		5.4		1
173	Less than 2.0% of mass 174		0.5	(	0.4 )1
174	50.0 - 120.0% of mass 95		102.0		
175	4.0 - 9.0% of mass 174	•	7.1	(	7.0 )1
176	93.0 - 101.0% of mass 174		101.3	(	99.3 )1
177	5.0 - 9.0% of mass 176		6.0	(	6.0 )2
	1-Value is % mass 174	2-Value is % mass 176			

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA	LAB	LAB	DATE	TIME
ĺ	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED	ANALYZED
01	VSTD #1	VSTD #1	T7845.D	6/1/06	11:52
02	LCS01	915217 1.0	T7846.D	6/1/06	12:45
03	VBLK01	915216 1.0	T7848.D	6/1/06	14:02
04	4D	907743 1.0	T7849.D	6/1/06	14:33
05	27D	907746 1.0	T7850.D	6/1/06	15:04
06	14D	907760 1.0	T7851.D	6/1/06	15:38
07	MRFA DUP A	907762 1.0	T7852.D	6/1/06	16:10
08	MRFA EFFLUENT	907763 1.0	T7853.D	6/1/06	16:45
09	TRIP BLANK	907764 1.0	T7854.D	6/1/06	17:16
10	M-25D	908121 5.0	T7855.D	6/1/06	17:47
11	DGC-3S	908114 1.0	T7856.D	6/1/06	18:19
12	DGC-4S	908115 1.0	T7857.D	6/1/06	18:56
13	M-33I	908116 1.0	T7858.D	6/1/06	19:33
14	M-33S	908117 1.0	T7859.D	6/1/06	20:10
15	M-24D	908118 1.0	T7860.D	6/1/06	20:47
16	M-11D	908119 1.0	T7861.D	6/1/06	21:24
17	27DMS	915218 1.0	T7862.D	6/1/06	22:01
18	27DMSD	915219 1.0	T7863.D	6/1/06	22:39

#### 8A VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab N	lame: <u>CAS/RC</u>	ОСН		Contract: 5	SHAW		
Lab C	Code: 10145	Case No	o.: <u>R6-31842</u>	SAS No.:	SD	G No.: 4D	
Lab F	ile ID (Standard)	): T7845.D			Date Analyz	ed: 06/01/06	
Instru	ment ID: GCM	S#6			Time Analyz	ed: 11:52	
GC C	olumn: CA-624	ID: 0.18	(mm)		Heated Purg	e: (Y/N)	N
-		IS1		IS2		IS3	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	753952	6.74	614534	9.20	323844	11.01
		1507904	6.24	1229068	8.70	647688	10.51
	LOWER LIMIT	376976	7.24	307267	9.70	161922	11.51
	EPA SAMPLE NO.						
01	LCS01	737180	6.74	612190	9.20	330961	11.00
02	VBLK01	721320	6.74	600750	9.20	279877	11.01
03	4D	689585	6.74	575894	9.20	270440	11.01
04	27D	681413	6.74	569621	9.20	264685	11.01
05	14D	699451	6.74	568283	9.20	256594	11.01
06	MRFA DUP A	667558	6.74	581805	9.20	261807	11.01
07	MRFA EFFLUE	NT 673615	6.74	563649	9.20	253972	11.01
08	TRIP BLANK	664613	6.74	560154	9.20	249336	11.01
09	M-25D	676205	6.74	555362	9.20	261197	11.01
10	DGC-3S	656178	6.74	563509	9.20	254478	11.01
11	DGC-4S	652283	6.74	557347	9.20	258884	11.01
12	M-33I	658958	6.74	556151	9.20	249570	11.01
13	M-33S	648870	6.74	555059	9.20	250446	11.01
14	M-24D	661787	6.74	557995	9.20	253525	11.01
15	M-11D	650910	6.74	557715	9.20	254629	11.01
16	27DMS	702352	6.74	598104	9.20	332470	11.01
17	27DMSD	723740	6.74	600443	9.20	332026	11.01

IS1 = 1,4-Difluorobenzene

- IS2 = Chlorobenzene-d5
- IS3 = Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

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#### 8A

#### VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab N	Name: CAS/RC	СН		Contract:	SHAW		
Lab (	Code: 10145	Case N	lo.: <u>R6-31842</u>	SAS No.:	: SD	G No.: <u>4D</u>	
Lab F	File ID (Standard)	: <u>T7867.D</u>			Date Analyz	ed: 06/02/06	
Instru	ment ID: GCMS	S#6			Time Analyz	ed: 10:36	
GC C	Column: CA-624	ID: 0.18	<u>8</u> (mm)		Heated Purg	ge: (Y/N)	N
		IS1		IS2		IS3	
		AREA #	RT #	AREA #	‡ RT #	AREA #	RT #
	12 HOUR STD	778726	6.74	677175	9.20	361207	11.02
	UPPER LIMIT	1557452	6.24	1354 <b>350</b>	8.70	722414	10.52
	LOWER LIMIT	389363	7.24	33858 <b>8</b>	9.70	180604	11.52
	EPA SAMPLE						
	NO.						
01	LCS02	783448	6.74	658980	9.20	357312	11.01
02	VBLK02	722575	6.74	6145 <b>97</b>	9.20	286565	11.01
03	M-29D	719101	6.74	592682	9.20	258502	11.01
04	TRIP BLANK	708348	6.74	58 <b>8070</b>	9.20	253968	11.01
05	DUP B	696381	6.74	594958	9.20	264305	11.01
06	M-29DDL	707503	6.74	5937 <b>89</b>	9.20	272573	11.01
07	MRFA INFLUE	JT 692162	6.74	591534	9.20	264010	11.01
08	MRFA INFLUE	IT 678431 (D	-) 6.74	581160	9.20	261418	11.01
09	MRFA INFLUE	IT 731584 (DL	M\$) 6.74	614586	9.20	354733	11.00
10	MRFA INFLUE	T 742658(DL	MSD)6.74	617555	9.20	357228	11.01
11	COOLER BLAN	(K 660699	6.74	562813	9.20	264904	11.01

IS1 = 1,4-Difluorobenzene

IS2 = Chlorobenzene-d5

IS3 = Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

## **APPENDIX C**

## **DATA VALIDATION REPORTS**

.

## **Data Validation Services**

120 Cobble Creek Road P. O. Box 208 North Creek, N. Y. 12853 Phone 518-251-4429 Facsimile 518-251-4428

July 14, 2006

Marc Flanagan Shaw Environmental 13 British American Blvd. Latham, NY 12110

RE: Validation of MRFA Malta Site Data Packages CAS Sub Nos. R2630515 and R2631842

Dear Mr. Flanagan:

Review has been completed for the data packages generated by Columbia Analytical Services (CAS), pertaining to aqueous samples collected 2/27/06, 5/23/06, and 5/24/06 at the MRFA Malta Site. Eighteen samples (including three field duplicates) and cooler and trip blanks were processed for site-specific low level volatiles. One of these, an additional sample, and a field duplicate were also analyzed for total and hexavalent chromium. Methodologies utilized are those of the USEPA OLC02.1, EPA CLP ILM and SW846 7196.

Data validation was performed with guidance from the most current editions of the USEPA CLP National Functional Guidelines for Organic and Inorganic Data Review and the USEPA SOPs HW-2 and HW-6, with consideration for the specific methodologies. The following items were reviewed:

- * Data Completeness
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Matrix Spike Recoveries/Duplicate Correlations
- * Field Duplicate Correlations
- * Preparation/Calibration Blanks
- * Control Spike/Laboratory Control Samples
- * Instrumental Tunes
- * Calibration/CRI Standards
- * Instrument IDLs
- * ICP Serial Dilutions
- * Method Compliance
- * Sample Result Verification

Those items showing deficiencies are discussed in the following sections of this report. All others were found to be acceptable as outlined in the above-mentioned validation procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the raw data, and generated in compliance with protocol requirements.

In summary, sample processing was conducted primarily with compliance to protocol requirements and with adherence to quality criteria. Sample results are usable as reported, or with minor qualification of some results as estimated, or with edit to non-detection. These are discussed in the following analytical sections.

Copies of laboratory case narratives are attached to this narrative, and should be reviewed in conjunction with this narrative. Data summary packages are also submitted with qualifiers applied in red ink to report forms.

#### **Data Completeness**

Data packages were complete as received, and no resubmissions were required.

#### Low Level Volatile Analyses

The results for analytes initially flagged as "E" by the laboratory are to be derived from the dilution analyses of the samples.

Due to presence in the associated trip blank, the detections of acetone in M-25D and MRFA DUP-A are considered external contamination, and edited to reflect non-detection ("U").

Acetone and 2-butanone exhibited low relative response factors (RRFs) in the calibration standards that are inherent with the methodology. The usability of those data are evidenced by spike recoveries and standard areas, but their reporting limits in all of the project samples should be considered estimated ("UJ" or "J" qualifier), possibly biased low. 1,2,4-trichlorobenzene also shows a similar low factor in the continuing calibration associated with the samples collected in May. Therefore results for that analyte in the samples collected in May are also qualified as estimated.

Results for 1,2-dibromo-3-chloropropane and 1,2,3-trichlorobenzene are qualified as estimated in the samples collected in May due to outlying responses in the continuing calibration standard (25%D and 33%D). Those results may have a low bias.

Matrix spikes of MRFA Influent (both events) and M-27D show acceptable accuracy and precision.

Volatile field duplicate correlations for MRFA Influent (2/27), MRFA Effluent (5/23), and M-24D are well within validation guidelines.

Sample M-25D was processed at fivefold dilution due to concentrations of certain target compounds. Therefore, reporting limits of analytes that are not detected are increased proportionally.

The laboratory Forms 8A show incorrect acceptance limits for internal standard responses. The sample analyses meet the protocol requirement.

#### **Total Chromium Analyses**

Accuracy and precision of M-27D (as shown by matrix spike and duplicate evaluation) were acceptable. The ICP serial dilution evaluation was also performed on M-27D, and the evaluation was not applicable due to the low sample concentration.

Field duplicate evaluation for M-27D shows good correlation.

Instrument performance was acceptable. Reported results are substantiated by the raw data, and generated in compliance with required protocols. Quality control parameter results meet validation requirements.

#### **Hexavalent Chromium Analyses**

Accuracy and precision of M-27D (as shown by matrix spike and duplicate evaluation), and the field duplicate correlation for M-27D were within guidelines.

Reported results are substantiated by the raw data, and generated in compliance with required protocols.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

# VALIDATION QUALIFIER SUMMARY

#### DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the national qualifiers assigned to results in the data review process. If the Regions choose to use additional qualifiers, a complete explanation of those qualifiers should accompany the data review.

- The analyte was analyzed for, but was not detected above the reported sample U quantitation limit. The analyte was positively identified; the associated numerical value is the ·J approximate concentration of the analyte in the sample. The analysis indicates the present of an analyte for which there is presumptive Ν evidence to make a "tentative identification." The analysis indicates the presence of an analyte that has been "tentatively NJ identified" and the associated numerical value represents its approximate concentration. The analyte was not detected above the reported sample quantitation limit. UJ However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
  - **R** The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

## **CLIENT and LABORATORY SAMPLE IDs**

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SDG#:MRFA	DUPLICATE	BATCH	COMPLETE: yes		DATE REVI	SED:		
SUBMISSION	R2630515	DISKETTE REQUESTED: Y_X N DATE DUE: 03/28/06						
CLIENT:	Shaw Environmental	DATE: 03	3/01/06		PROTOCOL	.:ASPB		
CLIENT REP:	Janice Jaeger	CUSTOR	Y SEAL: PRESENT/ABSENT:		SHIPPING I	No.:		
PROJECT:	GE MRFA PROJECT #810	CHAIN C	F CUSTODY: PRESENT/ABSENT:		SUMMARY	PKG: Y	<u>x</u> N	
CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE	DATE	pН	%	REMARKS
				SAMPLED	RECEIVED	(SOLIDS)	SOLIDS	AMPLE CONDITION
885141	MRFA DUPLICATE	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06			
885142	MRFA EFFLUENT	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06			
885143	MRFA INFLUENT	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06		· · · · · · · · · · · · · · · · · · ·	
885144	TRIP BLANK	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06			
885145	COOLER BLANK	WATER	OLC 2.1 LL-W/3 EXTRA COMPOUNDS	2/27/06	2/28/06		· · · · ·	
					2.20.00		· · · · · ·	
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SDG #: 4D		BATCH C	OMPLETE:yes		DATE REVIS	ED:		
SUBMISSION	R2631842	DISKETT	E REQUESTED: Y NX		DATE DUE: 0	06/22/06		
CLIENT:	Shaw Environmental	DATE: 06	6/01/06		PROTOCOL:	ASP-B		
CLIENT REP:	Janice Jaeger	CUSTOD	Y SEAL: PRESENT/ABSENT:		SHIPPING N	o.:		
PROJECT:	GE MRFA PROJECT #810066	CHAIN O	F CUSTODY: PRESENT/ABSENT	•				
CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE	DATE	pН	%	REMARKS
				SAMPLED	RECEIVED	(SOLIDS)	SOLIDS	AMPLE CONDITION
907743	4D	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907746 QC	27D	WATER	OLC2.1LL + 3 CMPDS,CR,CR+6	5/23/2006	5/24/2006			
907751	13D	WATER	CR,CR+6	5/23/2006	5/24/2006			
907760	14D	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907761 QC	MRFA INFLUENT	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907762	MRFA DUP A	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907763	MRFA EFFLUENT	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907764	TRIP BLANK	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907765	COOLER BLANK	WATER	OLC2.1LL + 3 CMPDS	5/23/2006	5/24/2006			
907766	DUP C	WATER	CR+6,CR	5/23/2006	5/24/2006			
908114	DGC-3S	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006			
908115	DGC-4S	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006			
908116	M-33I	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006	,		
908117	M-33S	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006			
908118	M-24D	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006			
908119	M-11D	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006	ļ		
908120	M-29D	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006	<u> </u>		
908121	M-25D	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006		<u> </u>	
908122	DUP B	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006	· · · · · ·		
908123	TRIP BLANK	WATER	OLC2.1LL + 3 CMPDS	5/24/2006	5/25/2006			
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#### CASE NARRATIVE

#### COMPANY: Shaw Environmental MRFA Project #810066 SUBMISSION #: R2630515

Shaw water samples were collected on 02/27/06 and received at CAS on 02/28/06 in good condition at a cooler temperature of 1°C.

#### **VOLATILE ORGANICS**

Three water samples, one cooler blank, and one trip blank were analyzed for a site-specific list of Volatiles by method OLC 2.1.

All Tuning criteria for BFB were within limits.

The initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within limits.

All surrogate standard recoveries were within limits.

All samples were analyzed within required holding times.

Several samples had hits which were outside the calibration range of the instrument and are flagged with an "E". The samples were reanalyzed at dilutions and both set of samples are reported. All compounds identified in the dilution have been flagged as "D".

A Library Search against the NIST/EPA library was conducted on the samples and blanks. The 20 largest peaks, within 10% of the nearest Internal Standard, were searched. A summary of detected peaks is included following the Target data. Any analytes detected are quantitated based on the closest internal standard and are reported flagged with a "J" as estimated. The flag on a TIC compound indicates presumptive evidence of a particular compound.

Site-specific QC was performed on the Influent. All MS/MSD recoveries were within limits. All Blank Spike recoveries were within limits. All RPD's were within limits.

All results between the MDL and PQL have been flagged with a "J" as estimated.

The Laboratory Blanks, trip blank, and cooler blank associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in the hard copy package has been authorized by the Laboratory Manager or his designee, as verified by the following signature;

#### CASE NARRATIVE

#### COMPANY: Shaw Environmental GE MRFA Project #810066 SUBMISSION #: R2631842

Shaw samples were sampled on 05/23-24/06 and received at CAS on 05/24-25/06 in good condition.

#### INORGANICS

Three water samples were analyzed for Total and Hexavalent Chromium. Please see attached data pages for method numbers.

Site specific QC was performed on 27D as requested. All MS and Blank spike recoveries were within limits. All RPD's were within limits.

No other analytical or QC problems were encountered.

#### **VOLATILE ORGANICS**

Seventeen water samples and one cooler blank were analyzed for OLC2.1 Volatiles by CLP methodology.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All Tuning criteria for BFB were met.

All surrogate standard recoveries were within QC limits.

Site specific QC was performed on 27D and MRFA Influent as requested. All MS recoveries were within limits except Carbon Tetrachloride for 27D and has been flagged with an "*". All MSD and Reference spike recoveries were within limits.

Various compounds for MRFA Influent and M-29D have been flagged with an "E" as being outside the calibration range of the instrument. The samples were repeated at dilutions and both sets of data have been reported out.

The Laboratory blanks associated with these samples were free of contamination except VBLK02 had a low level hit for 1,2,3-Trichlorobenzene and VBLK01 had low level hits for 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene. All affected data has been flagged with a "B".

All samples were analyzed within recommended holding times.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

## APPENDIX D

## AIR STRIPPER FLOW DATA

		Well #2	Well #1	Well #2	Well #1	Total Daily
Date		Flow	Flow	Average	Average	Average Flow
		(gal)	(gal)	(gpm)	(gpm)	(gpm)
12/24/2005	Total	1,300	1,010	0.90	0.70	1.60
12/25/2005	Total	1,360	1,080	0.94	0.75	1.69
12/26/2005	Total	1,380	1,090	0.96	0.76	1.72
12/27/2005	Total	1,370	1,100	0.95	0.76	1.72
12/28/2005	Total	1,130	1,030	0.78	0.72	1.50
12/29/2005	Total	1,330	1,060	0.92	0.74	1.66
12/30/2005	Total	1,330	1,050	0.92	0.73	1.65
12/31/2005	Total	1,390	1,110	0.97	0.77	1.74
1/1/2006	Total	1,330	1,060	0.92	0.74	1.66
1/2/2006	Total	1,300	1,020	0.90	0.71	1.61
1/3/2006	Total	1,380	1,090	0.96	0.76	1.72
1/4/2006	Total	1,400	1,110	0.97	0.77	1.74
1/5/2006	Total	1,390	1,110	0.97	0.77	1.74
1/6/2006	Total	1,330	1,060	0.92	0.74	1.66
1/7/2006	Total	1,390	1,110	0.97	0.77	1.74
1/8/2006	Total	1,370	1,110	0.95	0.77	1.72
1/9/2006	Total	1,350	1,090	0.94	0.76	1.69
1/10/2006	Total	1,250	1,010	0.87	0.70	1.57
1/11/2006	Total	1,340	1,060	0.93	0.74	1.67
1/12/2006	Total	1,280	1,010	0.89	0.70	1.59
1/13/2006	Total	1,270	1,020	0.88	0.71	1.59
1/14/2006	Total	1,290	1,030	0.90	0.72	1.61
1/15/2006	Total	1,460	1,170	1.01	0.81	1.83
1/16/2006	Total	1,330	1,070	0.92	0.74	1.67
1/17/2006	Total	1,440	1,170	1.00	0.81	1.81
1/18/2006	Total	1,450	1,170	1.01	0.81	1.82
1/19/2006	Total	1,360	1,090	0.94	0.76	1.70
1/20/2006	Total	1,310	1,050	0.91	0.73	1.64
1/21/2006	Total	1,340	1,070	0.93	0.74	1.67
1/22/2006	Total	1,300	1,020	0.90	0.71	1.61
1/23/2006	Total	1,330	1,060	0.92	0.74	1.66
1/24/2006	Total	1,210	960	0.84	0.67	1.51
1/25/2006	Total	580	1,310	0.40	0.91	1.31
1/26/2006	Total	0	780	0.00	0.54	0.54
1/27/2006	Total	0	0	0.00	0.00	0.00
1/28/2006	Total	90	3,620	0.06	2.51	2.58
1/29/2006	Total	0	2,650	0.00	1.84	1.84
1/30/2006	Total	0	1,820	0.00	1.26	1.26
1/31/2006	Total	0	1,720	0.00	1.19	1.19
2/1/2006	Total	0	1,910	0.00	1.33	1.33
2/2/2006	Total	0	1,910	0.00	1.33	1.33
2/3/2006	Total	0	1,690	0.00	1.17	1.17
2/4/2006	Iotal	1,090	990	0.76	0.69	1.44
2/5/2006	I otal	1,440	410	1.00	0.28	1.28
2/6/2006	I otal	1,350	390	0.94	0.27	1.21
2/7/2006	I otal	1,470	420	1.02	0.29	1.31
2/8/2006	Iotal	1,560	430	1.08	0.30	1.38
2/9/2006	I otal	1,700	480	1.18	0.33	1.51
2/10/2006	Iotal	1,640	460	1.14	0.32	1.46
2/11/2006	Iotal	1,260	360	0.88	0.25	1.13
2/12/2006	Total	1,300	360	0.90	0.25	1.15

		Well #2	Well #1	Well #2	Well #1	Total Daily
Date		Flow	Flow	Average	Average	Average Flow
		(gal)	(gal)	(gpm)	(gpm)	(gpm)
2/13/2006	Total	1,320	380	0.92	0.26	1.18
2/14/2006	Total	1,530	430	1.06	0.30	1.36
2/15/2006	Total	1,520	430	1.06	0.30	1.35
2/16/2006	Total	1,400	400	0.97	0.28	1.25
2/17/2006	Total	1,400	400	0.97	0.28	1.25
2/18/2006	Total	1,500	410	1.04	0.28	1.33
2/19/2006	Total	1,490	410	1.03	0.28	1.32
2/20/2006	Total	1,460	400	1.01	0.28	1.29
2/21/2006	Total	1,430	400	0.99	0.28	1.27
2/22/2006	Total	1,500	420	1.04	0.29	1.33
2/23/2006	Total	1,470	400	1.02	0.28	1.30
2/24/2006	Total	1,370	390	0.95	0.27	1.22
2/25/2006	Total	1,220	340	0.85	0.24	1.08
2/26/2006	Total	1,660	460	1.15	0.32	1.47
2/27/2006	Total	1,520	420	1.06	0.29	1.35
2/28/2006	Total	1,470	400	1.02	0.28	1.30
3/1/2006	Total	1,320	370	0.92	0.26	1.17
3/2/2006	Total	1,380	390	0.96	0.27	1.23
3/3/2006	Total	1,500	430	1.04	0.30	1.34
3/4/2006	Total	1,500	420	1.04	0.29	1.33
3/5/2006	Total	1,400	400	0.97	0.28	1.25
3/6/2006	Total	1,350	390	0.94	0.27	1.21
3/7/2006	Total	1,380	390	0.96	0.27	1.23
3/8/2006	Total	1,440	420	1.00	0.29	1.29
3/9/2006	Total	1,430	410	0.99	0.28	1.28
3/10/2006	Total	1,400	410	0.97	0.28	1.26
3/11/2006	Total	1,280	360	0.89	0.25	1.14
3/12/2006	Total	1,260	370	0.88	0.26	1.13
3/13/2006	Total	1,430	410	0.99	0.28	1.28
3/14/2006	Total	1,320	370	0.92	0.26	1.17
3/15/2006	Total	1,310	360	0.91	0.25	1.16
3/16/2006	Total	1,220	340	0.85	0.24	1.08
3/17/2006	Total	1,190	330	0.83	0.23	1.06
3/18/2006	Total	1,320	360	0.92	0.25	1.17
3/19/2006	Total	1,230	350	0.85	0.24	1.10
3/20/2006	Total	1,330	370	0.92	0.26	1.18
3/21/2006	Total	1,430	390	0.99	0.27	1.26
3/22/2006	Total	1,370	610	0.95	0.42	1.38
3/23/2006	Total	940	630	0.65	0.44	1.09
3/24/2006	Total	1,030	680	0.72	0.47	1.19
3/25/2006	Total	980	640	0.68	0.44	1.13
3/26/2006	Total	930	590	0.65	0.41	1.06
3/27/2006	Total	930	600	0.65	0.42	1.06
3/28/2006	Total	1,060	680	0.74	0.47	1.21
3/29/2006	Iotal	740	480	0.51	0.33	0.85
3/30/2006	Iotal	900	590	0.63	0.41	1.03
3/31/2006	Iotal	1,050	680	0.73	0.47	1.20
4/1/2006	Iotal	970	640	0.67	0.44	1.12
4/2/2006	Iotal	980	630	0.68	0.44	1.12
4/3/2006	Iotal	910	580	0.63	0.40	1.03
4/4/2006	Iotal	980	640	0.68	0.44	1.13

		Well #2	Well #1	Well #2	Well #1	Total Daily
Date		Flow	Flow	Average	Average	Average Flow
		(gal)	(gal)	(gpm)	(gpm)	(gpm)
4/5/2006	Total	990	620	0.69	0.43	1.12
4/6/2006	Total	1,050	680	0.73	0.47	1.20
4/7/2006	Total	990	620	0.69	0.43	1.12
4/8/2006	Total	980	620	0.68	0.43	1.11
4/9/2006	Total	910	590	0.63	0.41	1.04
4/10/2006	Total	980	630	0.68	0.44	1.12
4/11/2006	Total	990	630	0.69	0.44	1.13
4/12/2006	Total	1,360	880	0.94	0.61	1.56
4/13/2006	Total	890	570	0.62	0.40	1.01
4/14/2006	Total	910	590	0.63	0.41	1.04
4/15/2006	Total	870	560	0.60	0.39	0.99
4/16/2006	Total	870	560	0.60	0.39	0.99
4/17/2006	Total	950	620	0.66	0.43	1.09
4/18/2006	Total	950	610	0.66	0.42	1.08
4/19/2006	Total	950	600	0.66	0.42	1.08
4/20/2006	Total	1,000	640	0.69	0.44	1.14
4/21/2006	Total	990	640	0.69	0.44	1.13
4/22/2006	Total	760	500	0.53	0.35	0.88
4/23/2006	Total	940	620	0.65	0.43	1.08
4/24/2006	Total	910	590	0.63	0.41	1.04
4/25/2006	Total	1,040	680	0.72	0.47	1.19
4/26/2006	Total	1,000	710	0.69	0.49	1.19
4/27/2006	Total	870	710	0.60	0.49	1.10
4/28/2006	Total	930	760	0.65	0.53	1.17
4/29/2006	Total	930	760	0.65	0.53	1.17
4/30/2006	Total	860	710	0.60	0.49	1.09
5/1/2006	Total	860	710	0.60	0.49	1.09
5/2/2006	Total	920	760	0.64	0.53	1.17
5/3/2006	Total	910	760	0.63	0.53	1.16
5/4/2006	Total	860	710	0.60	0.49	1.09
5/5/2006	Total	980	800	0.68	0.56	1.24
5/6/2006	Total	850	700	0.59	0.49	1.08
5/7/2006	Total	850	720	0.59	0.50	1.09
5/8/2006	Total	850	710	0.59	0.49	1.08
5/9/2006	Total	860	720	0.60	0.50	1.10
5/10/2006	Total	900	740	0.63	0.51	1.14
5/11/2006	Total	1,030	870	0.72	0.60	1.32
5/12/2006	Total	1,310	1,080	0.91	0.75	1.66
5/13/2006	Total	1,200	1,000	0.83	0.69	1.53
5/14/2006	Total	1,170	970	0.81	0.67	1.49
5/15/2006	Total	1,160	960	0.81	0.67	1.47
5/16/2006	Total	1,200	990	0.83	0.69	1.52
5/17/2006	Total	1,070	880	0.74	0.61	1.35
5/18/2006	Total	1,050	860	0.73	0.60	1.33
5/19/2006	Iotal	1,190	980	0.83	0.68	1.51
5/20/2006	Iotal	1,150	940	0.80	0.65	1.45
5/21/2006	Iotal	1,100	920	0.76	0.64	1.40
5/22/2006	Iotal	990	820	0.69	0.57	1.26
5/23/2006	Iotal	1,100	930	0.76	0.65	1.41
5/24/2006	Iotal	6,060	1,280	4.21	0.89	5.10
5/25/2006	Total	7,360	1,180	5.11	0.82	5.93

Data		Well #2	Well #1	Well #2	Well #1	Total Daily
Dale	L	(gal)	(gal)	(gpm)	(gpm)	(gpm)
5/26/2006	Total	1,880	340	1.31	0.24	1.54
5/27/2006	Total	1,630	380	1.13	0.26	1.40
5/28/2006	Total	1,340	370	0.93	0.26	1.19
5/29/2006	Total	1,420	400	0.99	0.28	1.26
5/30/2006	Total	1,300	410	0.90	0.28	1.19
5/31/2006	Total	1,370	450	0.95	0.31	1.26
6/1/2006	Total	1,370	450	0.95	0.31	1.26
6/2/2006	Total	1,430	510	0.99	0.35	1.35
6/3/2006	Total	1,330	490	0.92	0.34	1.26
6/4/2006	Total	1,180	440	0.82	0.31	1.13
6/5/2006	Total	1,230	470	0.85	0.33	1.18
6/6/2006	Total	1,200	470	0.83	0.33	1.16
6/7/2006	Total	1,230	500	0.85	0.35	1.20
6/8/2006	Total	1,240	510	0.86	0.35	1.22
6/9/2006	Total	1,240	520	0.86	0.36	1.22
6/10/2006	Total	1,230	530	0.85	0.37	1.22
6/11/2006	Total	1,210	540	0.84	0.38	1.22
6/12/2006	Total	1,050	470	0.73	0.33	1.06
6/13/2006	Total	1,230	560	0.85	0.39	1.24
6/14/2006	Total	1,240	570	0.86	0.40	1.26
6/15/2006	Total	1,170	560	0.81	0.39	1.20
6/16/2006	Total	1,200	560	0.83	0.39	1.22
6/17/2006	Total	1,170	570	0.81	0.40	1.21
6/18/2006	Total	1,100	550	0.76	0.38	1.15
6/19/2006	Total	1,070	550	0.74	0.38	1.13
6/20/2006	Total	1,150	590	0.80	0.41	1.21
Grand T	otal	216,780	130,610	0.841	0.507	1.348