New York State Department of Environmental Conservation
Department of Environmental Remediation • 625 Broadway • Albany, New York 12233

Site Number 7-09-009

Gladding Cordage Site Quarterly Report

First Quarter 2008

New York State Department of Environmental Conservation Work Assignment D004443-5

May 2008

Report Prepared By:

Malcolm Pirnie, Inc.

43 British American Boulevard
Latham, New York 12110
518-782-2100

0266365

MALCOLM PIRNIE

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1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D004443-5) to Malcolm Pirnie, Inc. (Malcolm Pirnie) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site in New York State (Site # 7-09-009). Malcolm Pirnie has prepared this Quarterly Report in accordance with the NYSDEC-approved Work Plan to summarize site activities.

2. Site Activities

2.1 SITE DESCRIPTION

The Gladding Cordage Site is located on Ridge Road, South Otselic, Chenango County, New York (Figure 2-1), along the western bank of the Otselic River.

2.2 OPERATION AND MAINTENANCE

On August 23, 2007, NYSDEC provided a training session to Malcolm Pirnie personnel on the operation and maintenance (O&M) of the groundwater treatment plant at the Gladding Cordage Site. Since then, Malcolm Pirnie has maintained operation of the groundwater treatment plant. This includes the operation, maintenance, and influent/effluent sampling in accordance with the NYSDEC O&M manual (Operation and Maintenance Manual, Volume I, Gladding Cordage Site, Site 7-09-009, TAMS Consultants, Inc., 1996) (O&M Manual).

2.2.1 System Operation

The groundwater treatment system operated for 80 of a possible 91 days during the first quarter, 2008. As shown on the O&M Check Lists and Daily Phone Logs (Appendix A), the system was shut down for 3 days in February and 8 days in March due to problems with the blower low pressure switch. The switch was replaced with a pressure transducer on March 26, 2008. Groundwater recovery well RW-1 had several faults during the first quarter, operating an average of 79% of the time the treatment system was on. Recovery well RW-2 operated an average of 85% of the time that the treatment system was on during the first quarter, 2008.

The first quarter groundwater treatment system pumping rates for RW-1 were approximately 32 GPM (January), 32 GPM (February), and 33 GPM (March), respectfully. The flow meter for RW-2 was removed for repairs in November; no flow measurements were available from this recovery well during the first quarter, 2008. The flow rate for RW-2 during this time period was estimated based on previously reported values. The monthly flow rates and total flow volumes for the 2008 first quarter operating period are summarized in Table 2-1. As shown in Table 2-1, approximately 5.5 million gallons of water were treated during the first quarter operation of the treatment system.

2.2.2 Influent-Effluent Sampling

First quarter, 2008 influent and effluent groundwater samples were collected from the Gladding Cordage treatment system in accordance with the Work Plan. Influent and

effluent groundwater samples were sent to Chemtech Laboratories following chain-of-custody protocols for analysis of target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B. Analytical Reporting Forms are provided in Appendix B.

Table 2-2 and Table 2-3 summarize the VOC influent and effluent sample results, respectfully. Table 2-2 shows that the first quarter 2008 concentrations of 1,1,1-trichloroethane in the samples from recovery well RW-1 ranged from 53 ug/L to 84 ug/L and ranged from 53ug/L to 56 ug/L in the samples from RW-2. These results exceed the corresponding NYSDEC Class GA Standard of 5 ug/L. The concentrations of 1,1-dichloroethene in the March 6, 2008 sample from recovery well RW-1 (6.9 ug/L) was slightly greater than the applicable NYSDEC Class GA Standard of 5 ug/L. As shown in Table 2-1, this was the only sample that contained 1,1-dichloroethene at concentration greater than the applicable NYSDEC Class GA Standard during the first quarter, 2008 sampling events. Although 1,1-dichloroethene was detected in additional samples from RW-1 and RW-2 during the first quarter sampling events, Table 2-1 shows that the concentrations of this compound were less than the applicable NYSDEC Class GA Standard. The anlytes m&p xylene were detected at concentrations well below the NYSDEC Class GA Standard in the March samples collected from RW-1 and RW-2. As shown in Table 2-2, these were the only VOCs detected in the influent samples collected from the treatment system.

Table 2-3 includes the laboratory data system effluent samples collected in the first quarter of 2008. A variable frequency drive (VFD) was installed on the blower motor on January 9. 2008. Following the installation of the VFD effluent samples were collected at various frequencies including 40 HZ, 50 HZ, and 60 HZ. The analyte 1,1,1-trichloroethane was detected at 6 ug/l in the 40 HZ effluent sample and was not detected in the 50 HZ and 60 HZ samples. Following the completion of the January 9, 2008 sampling event the VFD was set to 50 HZ. The only other VOCs detected in the effluent samples collected in the first quarter of 2008 were m&p xylene (1.2 ug/l) in the March 2008 sample.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 3.3 pounds of VOCs were removed by the treatment system during the first quarter, 2008.

2.2.3 General Operation and Maintenance

The following list summarizes repairs or upgrades performed at the Gladding Cordage Site during the first quarter 2008:

1/9/08

- VFD installed on air stripper blower motor.

2/6/08

- New demister pad installed in stripper tower.

2/21/08

- New water level pressure transducer for RW-1 installed.

3/26/08

- Analog blower pressure transducer installed to replace exiting mechanical switch.

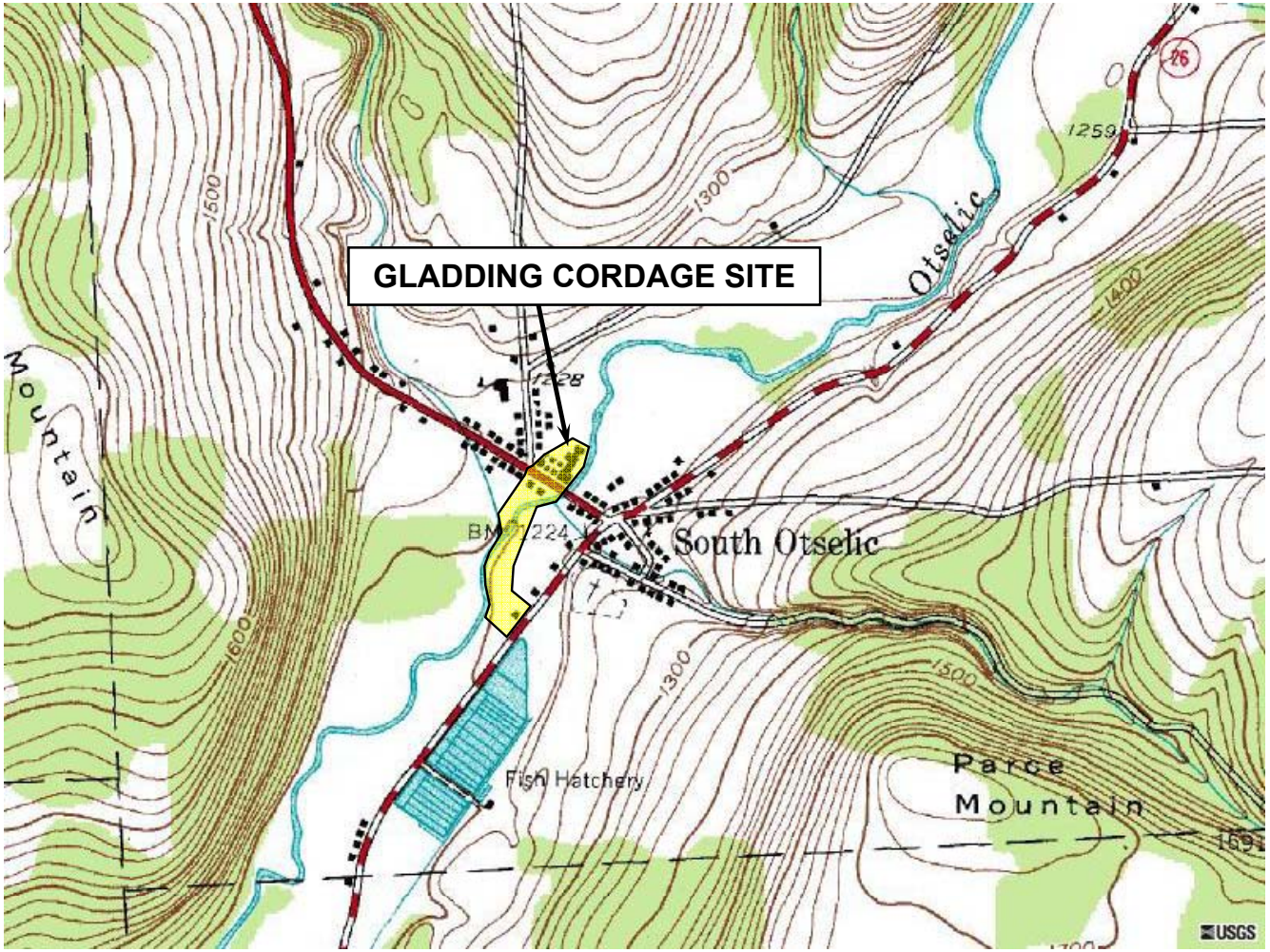
2.3 GROUNDWATER MONITORING PROGRAM

In accordance with the NYSDEC, groundwater samples were collected from the site using Passive Diffusion Bags (PDBs) during the third quarter 2007. The results of the sampling event were submitted with third quarter 2007 Gladding Cordage Site Quarterly Report and Annual Groundwater Monitoring Summary (Malcolm Pirnie, 2007). The next annual groundwater monitoring event is scheduled for the fourth quarter, 2008.

3. Summary

The Gladding Cordage groundwater treatment system operated approximately 88% of the total available time during the first quarter, 2008. The average total flow rate through the treatment system during this period was approximately 57 GPM. Total flow through the treatment system during the first quarter operational period was approximately 5.5 million gallons. Based on monthly influent and effluent sampling, the treatment system successfully removes VOCs from groundwater in the capture zone. Approximately 3.3 pounds of VOCs were removed by the treatment system during the first quarter, 2008.

A VFD was installed on the air stripper blower motor to reduce operating energy costs for the air stripper system. Preliminary data based on data collected in the field indicates that an estimated 70% to 75% savings in energy costs could be expected at the current VFD setting of 43 HZ as opposed to the cost of operation at 60 HZ. Malcolm Pirnie will continue to evaluate the cost savings of the VFD.



SCALE IN FEET

0 500 1000 2000

SOURCE: U.S.G.S 7.5 MIN. SOUTH OTSELIC QUAD, 1988

MALCOLM PIRNIE

NYSDEC STANDBY CONTRACT NO. D004443-5
GLADDING CORDAGE – SITE NUMBER 7-09-009
SOUTH OTSELIC, NEW YORK

GLADDING CORDAGE SITE LOCATION

FIGURE 2-1

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TABLE 2-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Month	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2* (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2* (gpm)	Totalizer RW-1 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
August-07	8 (1)	100%	100%	100%	38	24	-	437760 (3)	276480 (3)	714,240	
September-07	30	100%	100%	100%	38	25	-	1641600 (3)	1080000 (3)	2,721,600	3,435,840
October-07	20	65%	100%	100%	38.2	25.7	2276270	1100160 (3)	740160 (3)	1,840,320	
November-07	30	100%	67%	100%	39.9	24.9 (2)	3235110	958840 (4)	1075680 (3)	2,034,520	
December-07	31	100%	39%	100%	31.8	24.9 (2)	4421380	1186270 (4)	1111536 (3)	2,297,806	6,172,646
January-08	31	100%	100%	100%	31.8	24.9 (2)	5278000	856620 (4)	1111536 (3)	1,968,156	
February-08	26	90%	69%	88%	32	24.9 (2)	6457610	1179610 (4)	820385 (3)	1,999,995	
March-08	23	74%	100%	100%	32.9	24.9 (2)	7168270	710660 (4)	824688 (3)	1,535,348	5,503,499
Total Flow								**8,071,520**	**7,040,465**	**15,111,985**	
					32.2333	24.9					
					57.1333						

Notes:

1 - System started on 8/23/07.

2 - Flow meter inoperative. Flow based on average flow of previous three months.

3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.

4 - Calculated from totalizer values.

gpm - Gallons per minute

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	RW-1 9/6/2007 WATER ug/L	RW-2 9/6/2007 WATER ug/L	RW-1 10/4/2007 WATER ug/L	RW-2 10/4/2007 WATER ug/L	RW-1 11/6/2007 WATER ug/L
VOCs						
1,1,1-Trichloroethane	5	52	45	69	46	52
1,1,2,2-Tetrachloroethane	5	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
1,1,2-Trichloroethane	1	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,1,2-Trichlorotrifluoroethane	5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
1,1-Dichloroethane	5	0.38 U	0.38 U	0.38 U	0.38 U	2.4 J
1,1-Dichloroethene	5	12	7.9	4.0 J	5.4	1.3 J
1,2,4-Trichlorobenzene		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,2-Dibromoethane	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichlorobenzene	3	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-Dichloroethane	0.6	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2-Dichloropropane	1	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
1,3-Dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,4-Dichlorobenzene	3	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
2-Butanone	50	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2-Hexanone	50	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4-Methyl-2-Pentanone		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Acetone	50	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
Benzene	1	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Bromodichloromethane	50	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bromoform	50	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromomethane	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Carbon Disulfide		0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Carbon Tetrachloride	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Chlorobenzene	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Chloroethane	5	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
Chloroform	7	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
cis-1,2-Dichloroethene	5	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
cis-1,3-Dichloropropene	0.4	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Cyclohexane		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Dibromochloromethane	50	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Dichlorodifluoromethane	5	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Ethyl Benzene	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Isopropylbenzene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
m/p-Xylenes	5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Methyl Acetate		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methyl tert-butyl Ether		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Methylcyclohexane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methylene Chloride	5	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
o-Xylene		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Styrene	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
t-1,3-Dichloropropene	0.4	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Tetrachloroethene	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Toluene	5	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
trans-1,2-Dichloroethene	5	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Trichloroethene	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Trichlorofluoromethane	5	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Vinyl Chloride	2	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Total VOCs		64	53	73	51	55.7

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	RW-2 11/6/2007 WATER ug/L	RW-1 12/6/2007 WATER ug/L	RW-2 12/6/2007 WATER ug/L	RW-1 1/9/2008 WATER ug/L	RW-2 1/9/2008 WATER ug/L
VOCs						
1,1,1-Trichloroethane	5	40	79	53	75	53
1,1,2,2-Tetrachloroethane	5	0.30 U	0.49 U	0.49 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.41 U	0.52 U	0.52 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	1.3 U	0.35 U	0.35 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.38 U	3.4	1.2	2.6	0.98 J
1,1-Dichloroethene	5	1.1 J	6.0	4.1	1.6	1.0
1,2,4-Trichlorobenzene		0.46 U	0.41 U	0.41 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.45 U	0.45 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.32 U	0.56 U	0.56 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.44 U	0.48 U	0.48 U	0.40 U	0.40 U
1,2-Dichloroethane	0.6	0.34 U	0.38 U	0.38 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.40 U	0.56 U	0.56 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.50 U	0.45 U	0.45 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.54 U	0.43 U	0.43 U	0.22 U	0.22 U
2-Butanone	50	1.1 U	4.6 U	4.6 U	1.9 U	1.9 U
2-Hexanone	50	1.7 U	2.9 U	2.9 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.6 U	2.7 U	2.7 U	1.8 U	1.8 U
Acetone	50	2.3 U	2.7 U	2.7 U	2.2 U	2.2 U
Benzene	1	0.39 U	0.52 U	0.52 U	0.35 U	0.35 U
Bromodichloromethane	50	0.33 U	0.59 U	0.59 U	0.23 U	0.23 U
Bromoform	50	0.32 U	0.42 U	0.42 U	0.44 U	0.44 U
Bromomethane	5	0.41 U	0.63 U	0.63 U	1.4 U	1.4 U
Carbon Disulfide		0.40 U	0.51 U	0.51 U	0.20 U	0.20 U
Carbon Tetrachloride	5	1.1 U	0.49 U	0.49 U	0.27 U	0.27 U
Chlorobenzene	5	0.47 U	0.50 U	0.50 U	0.28 U	0.28 U
Chloroethane	5	0.83 U	0.49 U	0.49 U	0.80 U	0.80 U
Chloroform	7	0.33 U	0.46 U	0.46 U	0.45 U	0.45 U
Chloromethane		0.34 U	0.38 U	0.38 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.29 U	0.53 U	0.53 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.36 U	0.54 U	0.54 U	0.29 U	0.29 U
Cyclohexane		0.36 U	0.37 U	0.37 U	0.57 U	0.57 U
Dibromochloromethane	50	0.26 U	0.45 U	0.45 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.17 U	0.43 U	0.43 U	0.88 U	0.88 U
Ethyl Benzene	5	0.45 U	0.50 U	0.50 U	0.05 U	0.05 U
Isopropylbenzene	5	0.44 U	0.44 U	0.44 U	0.37 U	0.37 U
m/p-Xylenes	5	1.2 U	0.97 U	0.97 U	0.47 U	0.47 U
Methyl Acetate		0.20 U	0.92 U	0.92 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.28 U	0.50 U	0.50 U	0.23 U	0.23 U
Methylcyclohexane		0.34 U	0.43 U	0.43 U	0.47 U	0.47 U
Methylene Chloride	5	0.43 U	0.52 U	0.52 U	0.38 U	0.38 U
o-Xylene		0.46 U	0.51 U	0.51 U	0.16 U	0.16 U
Styrene	5	0.41 U	0.48 U	0.48 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.32 U	0.44 U	0.44 U	0.31 U	0.31 U
Tetrachloroethene	5	0.48 U	0.68 U	0.68 U	0.97 U	0.97 U
Toluene	5	0.36 U	0.51 U	0.51 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.40 U	0.57 U	0.57 U	0.44 U	0.44 U
Trichloroethene	5	0.46 U	0.56 U	0.56 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.22 U	0.40 U	0.40 U	0.53 U	0.53 U
Vinyl Chloride	2	0.33 U	0.46 U	0.46 U	0.30 U	0.30 U
Total VOCs		41	88.4	58	79.2	55.0

- Concentration exceeds corresponding NYSDE Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	RW-1 2/6/2008 WATER ug/L	RW-2 2/6/2008 WATER ug/L	RW-1 3/6/2008 WATER ug/L	RW-2 3/6/2008 WATER ug/L
VOCs					
1,1,1-Trichloroethane	5	75	56	84	56
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	3.4 J	1.2 J	3.8 J	1.3 J
1,1-Dichloroethene	5	2.6 J	1.7 J	6.9	3.8 J
1,2,4-Trichlorobenzene		0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.40 U	0.40 U	0.4 U	0.4 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.20 U	0.20 U	0.2 U	0.2 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.80 U	0.80 U	0.8 U	0.8 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U
Cyclohexane		0.57 U	0.57 U	0.57 U	0.57 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	0.47 U	0.47 U	1.4 J	1.2 J
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.30 U	0.30 U	0.3 U	0.3 U
Total VOCs		81	58.9	96.1	62.3

- Concentration exceeds corresponding NYSDE Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF 9/6/2007 WATER ug/L	EFF 10/4/2007 WATER ug/L	EFF 11/6/2007 WATER ug/L	EFF 12/6/2007 WATER ug/L
VOCs					
1,1,1-Trichloroethane	5	0.32 U	0.32 U	0.32 U	0.46 U
1,1,2,2-Tetrachloroethane	5	0.30 U	0.30 U	0.30 U	0.49 U
1,1,2-Trichloroethane	1	0.41 U	0.41 U	0.41 U	0.52 U
1,1,2-Trichlorotrifluoroethane	5	1.3 U	1.3 U	1.3 U	0.35 U
1,1-Dichloroethane	5	0.38 U	0.38 U	0.38 U	0.55 U
1,1-Dichloroethene	5	0.42 U	0.42 U	0.42 U	0.55 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.45 U
1,2-Dibromoethane	5	0.32 U	0.32 U	0.32 U	0.56 U
1,2-Dichlorobenzene	3	0.44 U	0.44 U	0.44 U	0.48 U
1,2-Dichloroethane	0.6	0.34 U	0.34 U	0.34 U	0.38 U
1,2-Dichloropropane	1	0.40 U	0.40 U	0.40 U	0.56 U
1,3-Dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.45 U
1,4-Dichlorobenzene	3	0.54 U	0.54 U	0.54 U	0.43 U
2-Butanone	50	1.1 U	1.1 U	43	4.6 U
2-Hexanone	50	1.7 U	1.7 U	1.7 U	2.9 U
4-Methyl-2-Pentanone		1.6 U	1.6 U	1.6 U	2.7 U
Acetone	50	2.3 U	2.3 U	2.3 U	2.7 U
Benzene	1	0.39 U	0.39 U	0.39 U	0.52 U
Bromodichloromethane	50	0.33 U	0.33 U	0.33 U	0.59 U
Bromoform	50	0.32 U	0.32 U	0.32 U	0.42 U
Bromomethane	5	0.41 U	0.41 U	0.41 U	0.63 U
Carbon Disulfide		0.40 U	0.40 U	0.40 U	0.51 U
Carbon Tetrachloride	5	1.1 U	1.1 U	1.1 U	0.49 U
Chlorobenzene	5	0.47 U	0.47 U	0.47 U	0.50 U
Chloroethane	5	0.83 U	0.83 U	0.83 U	0.49 U
Chloroform	7	0.33 U	0.33 U	0.33 U	0.46 U
Chloromethane		0.34 U	0.34 U	0.34 U	0.38 U
cis-1,2-Dichloroethene	5	0.29 U	0.29 U	0.29 U	0.53 U
cis-1,3-Dichloropropene	0.4	0.36 U	0.36 U	0.36 U	0.54 U
Dibromochloromethane	50	0.26 U	0.26 U	0.26 U	0.45 U
Dichlorodifluoromethane	5	0.17 U	0.17 U	0.17 U	0.43 U
Ethyl Benzene	5	0.45 U	0.45 U	0.45 U	0.50 U
Isopropylbenzene	5	0.44 U	0.44 U	0.44 U	0.44 U
m/p-Xylenes	5	1.2 U	1.2 U	1.2 U	0.97 U
Methyl Acetate		0.20 U	0.20 U	0.20 U	0.92 U
Methyl tert-butyl Ether		0.28 U	0.28 U	0.28 U	0.50 U
Methylcyclohexane		0.34 U	0.34 U	0.34 U	0.43 U
Methylene Chloride	5	0.43 U	0.43 U	0.43 U	0.52 U
o-Xylene		0.46 U	0.46 U	0.46 U	0.51 U
Styrene	5	0.41 U	0.41 U	0.41 U	0.48 U
t-1,3-Dichloropropene	0.4	0.32 U	0.32 U	0.32 U	0.44 U
Tetrachloroethene	5	0.48 U	0.48 U	0.48 U	0.68 U
Toluene	5	0.36 U	0.36 U	0.36 U	0.51 U
trans-1,2-Dichloroethene	5	0.40 U	0.40 U	0.40 U	0.57 U
Trichloroethene	5	0.46 U	0.46 U	0.46 U	0.56 U
Trichlorofluoromethane	5	0.22 U	0.22 U	0.22 U	0.40 U
Vinyl Chloride	2	0.33 U	0.33 U	0.33 U	0.46 U

Notes
U - Not detected at the indicated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(40HZ) 1/9/2008 WATER ug/L	EFF(50HZ) 1/9/2008 WATER ug/L	EFF(60HZ) 1/9/2008 WATER ug/L	EFF(42HZ) 2/6/2008 WATER ug/L
VOCs					
1,1,1-Trichloroethane	5	**6.0**	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.67 U	0.67 U	0.67 U	0.67 U
1,1-Dichloroethene	5	0.67 U	0.67 U	0.67 U	0.67 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.40 U	0.40 U	0.40 U	0.40 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.20 U	0.20 U	0.20 U	0.20 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.80 U	0.80 U	0.80 U	0.80 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	0.47 U	0.47 U	0.47 U	0.47 U
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.30 U	0.30 U	0.30 U	0.30 U

Notes
U - Not detected at the indicated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(44HZ) 2/6/2008 WATER ug/L	EFF(44HZ) Duplicate 2/6/2008 WATER ug/L	EFF(46HZ) 2/6/2008 WATER ug/L	EFF(42HZ) 3/6/2008 WATER ug/L
VOCs					
1,1,1-Trichloroethane	5	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.67 U	0.67 U	0.67 U	0.67 U
1,1-Dichloroethene	5	0.67 U	0.67 U	0.67 U	0.67 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.40 U	0.40 U	0.40 U	0.4 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.20 U	0.20 U	0.20 U	0.2 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.80 U	0.80 U	0.80 U	0.8 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	0.47 U	0.47 U	0.47 U	1.2 J
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.30 U	0.30 U	0.30 U	0.3 U

Notes
U - Not detected at the indicated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(42HZ) 4/7/2008 WATER ug/L
VOCs		
1,1,1-Trichloroethane	5	2.2 J
1,1,2,2-Tetrachloroethane	5	0.37 U
1,1,2-Trichloroethane	1	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U
1,1-Dichloroethane	5	0.67 U
1,1-Dichloroethene	5	0.67 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U
1,2-Dibromoethane	5	0.26 U
1,2-Dichlorobenzene	3	0.4 U
1,2-Dichloroethane	0.6	0.41 U
1,2-Dichloropropane	1	0.46 U
1,3-Dichlorobenzene	3	0.28 U
1,4-Dichlorobenzene	3	0.22 U
2-Butanone	50	1.9 U
2-Hexanone	50	1.8 U
4-Methyl-2-Pentanone		1.8 U
Acetone	50	2.2 U
Benzene	1	0.35 U
Bromodichloromethane	50	0.23 U
Bromoform	50	0.44 U
Bromomethane	5	1.4 U
Carbon Disulfide		0.2 U
Carbon Tetrachloride	5	0.27 U
Chlorobenzene	5	0.28 U
Chloroethane	5	0.8 U
Chloroform	7	0.45 U
Chloromethane		0.37 U
cis-1,2-Dichloroethene	5	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U
Dibromochloromethane	50	0.23 U
Dichlorodifluoromethane	5	0.88 U
Ethyl Benzene	5	0.05 U
Isopropylbenzene	5	0.37 U
m/p-Xylenes	5	0.47 U
Methyl Acetate		0.45 U
Methyl tert-butyl Ether		0.23 U
Methylcyclohexane		0.47 U
Methylene Chloride	5	0.38 U
o-Xylene		0.16 U
Styrene	5	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U
Tetrachloroethene	5	0.97 U
Toluene	5	0.16 U
trans-1,2-Dichloroethene	5	0.44 U
Trichloroethene	5	0.34 U
Trichlorofluoromethane	5	0.53 U
Vinyl Chloride	2	0.3 U

Notes
U - Not detected at the indicated concentration.

New York State Department of Environmental Conservation
Gladding Cordage Site Quarterly Report

APPENDIX

A

Monthly Reports and System Operation and Maintenance Logs

MALCOLM PIRNIE

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage — **Date** 1/9/2008
South Otselic, New York — **Inspector** JW
NYSDEC Site #709009 — **Time** 1015

System Operation		**Alarms**	
System On (Y/N)	Y	Blower Pressure (Y/N)	N
RW-1 On (Y/N)	Y	Sump Level (Y/N)	N
RW-2 On (Y/N)	Y	RW-1 (Y/N)	N
Blower On (Y/N)	Y	RW-2 (Y/N)	N

Recovery Wells

	RW-1	RW-2
Flow Rate (GPM	31.8	Flow meter inop
Total Flow (Gallons)	527800	-
Water Level (Feet)	40.0	39.2

Influent/Effluent Piping OK? (Y/N): Y

Air Stripper

Intake and Exhaust Piping OK? (Y/N)	Y	Blower Frequency (Hz)	
Water Leaks (Y/N)	N	Initial	60
System Pressure (inches water)	17.5	Final*	50
		(* at time of sample collection)	

General Building/Site

Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	ON	Sump High Level Switch OK? (Y/N	Y
Grass Mowed (Y/N)	N/A	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

Repair Needs Observed:

Repairs Completed This Visit:

Installed VFD for air stripper blower motor

Repairs Pending:

Roof leak
Demister pad
Flow meter

Notes:

Aztech (T. Bohn) and NYSDEC (P. Long and C. Hoffman) on-site.
Collected effluent samples from system @ 40, 50, and 60 Hz. NYSDEC requested blower frequency to be set at 50Hz pending effluent analytical results.

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 2/6/2008
Inspector JW
Time (in) 08:00 (out) 12:45

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	Y	Y	Blower Pressure (Y/N)	N	N
RW-1 On (Y/N)	N	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	Y	Y	RW-1 (Y/N)	Y	N
Blower On (Y/N)	Y	Y	RW-2 (Y/N)	N	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	0	32		Flow meter inop	
Total Flow (Gallons)	645761			Flow meter inop	
Water Level (Feet)	13.7	11.6		39.6	39.7

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper		Initial	Final
Blower VFD Setting (Hertz)		50	46
System Pressure (inches water)		12	10.5
Intake/Exhaust Piping OK? (Y/N)	Y		
Water Leaks (Y/N)	N		
Water Temperature (C°)	NM		

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	On	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	NA	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

Repair Needs Observed:

Filter for VFD

Replacement door sign

Pressure transducer and bellows for RW-1

Repairs Completed This Visit:

Installed demister pad

Reprogram audio alarms to indicate proper alarm conditions for RW-1 and RW-2

Repairs Pending:

Notes:

Rain ~ 35 F°. RW-1 manhole flooded

NYSDEC on-site today. Collected samples at 42, 44, and 46 Hz.

Collected duplicate sample (Dup-EFF) at 44 Hz.

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 2/21/2008
Inspector JW and MRJ
Time (in) 10:00 (out) 14:30

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	N	Y	Blower Pressure (Y/N)	Y	N
RW-1 On (Y/N)	N	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	N	Y	RW-1 (Y/N)	Y	N
Blower On (Y/N)	N	Y	RW-2 (Y/N)	Y	N

Recovery Wells	Initial	Final	Initial	Final
	RW-1		RW-2	
Flow Rate (GPM	0	32.9	Flow meter inop	
Total Flow (Gallons)	659619		Flow meter inop	
Water Level (Feet)	4.1	27.86	39.6	39.0

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper	Initial	Final
Blower VFD Setting (Hertz)	46	46
System Pressure (inches water)	-	11
Intake/Exhaust Piping OK? (Y/N)	Y	
Water Leaks (Y/N)	N	
Water Temperature (F°)	50	

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	On	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	NA	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	N

Repair Needs Observed:

Repairs Completed This Visit:

Install new pressure transducer and bellows for RW-1

Repairs Pending:

Sign for door

VFD filter

Notes:

P. Cloudy ~20 F°

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 3/6/2008
Inspector JW
Time (in) 09:35 (out) 11:30

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	N	Y	Blower Pressure (Y/N)	Y	N
RW-1 On (Y/N)	N	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	N	Y	RW-1 (Y/N)	Y	N
Blower On (Y/N)	N	Y	RW-2 (Y/N)	Y	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	0	32.9		Flow meter inop	
Total Flow (Gallons)	716618	716827		Flow meter inop	
Water Level (Feet)	31.5	29.3		39.7	39.0

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper		Initial	Final
Blower VFD Setting (Hertz)		46	42
System Pressure (inches water)		-	9
Intake/Exhaust Piping OK? (Y/N)	Y		
Water Leaks (Y/N)	N		
Water Temperature (F°)	50		

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	On	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	NA	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

Repair Needs Observed:

Repairs Completed This Visit:

Repairs Pending:

Sign for door

VFD filter

Notes:

P. Cloudy ~40 F°

Alarms for low blower, RW-1, and RW-2. Restart system. All checks OK. No problem found.

Possible low blower pressure due to reduced blower speed. Will CK operating parameters in O&M Manual.

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
1/1/2008	X	X	X	X	(1)
1/2/2008	X	X	X	X	
1/3/2008	X	X	X	X	
1/4/2008	X	X	X	X	
1/5/2008	X	X	X	X	(1)
1/6/2008	X	X	X	X	(1)
1/7/2008	X	X	X	X	
1/8/2008	X	X	X	X	
1/9/2008	X	X	X	X	(1)
1/10/2008	X	X	X	X	
1/11/2008	X	X	X	X	
1/12/2008	X	X	X	X	(1)
1/13/2008	X	X	X	X	(1)
1/14/2008	X	X	X	X	
1/15/2008	X	X	X	X	
1/16/2008	X	X	X	X	
1/17/2008	X	X	X	X	
1/18/2008	X	X	X	X	
1/19/2008	X	X	X	X	(1)
1/20/2008	X	X	X	X	(1)
1/21/2008	X	X	X	X	
1/22/2008	X	X	X	X	
1/23/2008	X	X	X	X	
1/24/2008	X	X	X	X	
1/25/2008	X	X	X	X	
1/26/2008	X	X	X	X	(1)
1/27/2008	X	X	X	X	(1)
1/28/2008	X	X	X	X	
1/29/2008	X	X	X	X	
1/30/2008	X	X	X	X	
1/31/2008	X	X	X	X	

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
2/1/2008	X	X	X	X	
2/2/2008	X	X	X	X	(1)
2/3/2008	X	X	X	X	(1)
2/4/2008	X	X	X		RW-2 Down
2/5/2008	X	X	X		RW-2 Down
2/6/2008	X	X	X		RW-2 Down
2/7/2008	X	X	X	X	
2/8/2008	X	X	X	X	
2/9/2008	X	X	X	X	(1)
2/10/2008	X	X	X	X	(1)
2/11/2008	X	X		X	RW-1 Down
2/12/2008	X	X		X	RW-1 Down
2/13/2008	X	X		X	RW-1 Down
2/14/2008	X	X		X	RW-1 Down (1)
2/15/2008	X	X		X	RW-1 Down
2/16/2008	X	X		X	RW-1 Down
2/17/2008	X	X		X	RW-1 Down (1)
2/18/2008	X	X		X	RW-1 Down (1)
2/19/2008					System Down
2/20/2008					System Down
2/21/2008					System Down
2/22/2008	X	X	X	X	
2/23/2008	X	X	X	X	(1)
2/24/2008	X	X	X	X	(1)
2/25/2008	X	X	X	X	
2/26/2008	X	X	X	X	
2/27/2008	X	X	X	X	
2/28/2008	X	X	X	X	
2/29/2008	X	X	X	X	

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
3/1/2008	X	X	X	X	(1)
3/2/2008	X	X	X	X	(1)
3/3/2008	X	X	X	X	
3/4/2008	X	X	X	X	
3/5/2008	X	X	X	X	
3/6/2008					System Down
3/7/2008	X	X	X	X	
3/8/2008	X	X	X	X	(1)
3/9/2008	X	X	X	X	(1)
3/10/2008	X	X	X	X	
3/11/2008	X	X	X	X	
3/12/2008	X	X	X	X	
3/13/2008	X	X	X	X	
3/14/2008	X	X	X	X	
3/15/2008	X	X	X	X	(1)
3/16/2008	X	X	X	X	(1)
3/17/2008	X	X	X	X	
3/18/2008	X	X	X	X	
3/19/2008	X	X	X	X	
3/20/2008					System Down
3/21/2008					System Down (1)
3/22/2008					System Down (1)
3/23/2008					System Down (1)
3/24/2008					System Down
3/25/2008					System Down
3/26/2008					System Down
3/27/2008	X	X	X	X	
3/28/2008	X	X	X	X	
3/29/2008	X	X	X	X	(1)
3/30/2008	X	X	X	X	(1)
3/31/2008	X	X	X	X	

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

APPENDIX

B

Analytical Reporting Forms

MALCOLM PIRNIE

JBW

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: DEC Gladding Cordage

OrderID: Z1117

CustomerName: Malcolm Pirnie, Inc.

LAB SAMPLE NO.	CLIENT SAMPLE NO
Z1117-01	EFF(40HZ)
Z1117-02	RW-1
Z1117-03	RW-2
Z1117-04	EFF(50HZ)
Z1117-05	EFF(60HZ)
Z1117-06	TRIPBLANK

I certify that the 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 hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes Name: Mildred V Reyes

Date: 1/24/08 Title: QA/QC

CHEMTECH

CASE NARRATIVE

Malcolm Pirnie, Inc.
Project Name: DEC Gladding Cordage
Project # N/A
Chemtech Project # Z1117

A. Number of Samples and Date of Receipt:
6 Water samples were received on 1/11/08.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: and TCL Volatiles + 10. This data package contains results for TCL Volatiles + 10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA D were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples except for 2-Butanone, 4-Methyl-2-Pentanone and 2-Hexanone.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

I certify that the 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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 1/24/08 Title: QA/QC

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. 21117
QUOTE NO.
COC Number 069192

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Malcolm Pirnie, Inc
ADDRESS: 43 British American Blvd
CITY: Latham STATE: NY ZIP: 12110
ATTENTION: Jeremy Wyckoff
PHONE: 518-782-2100 FAX: 518-782-0500

CLIENT PROJECT INFORMATION

PROJECT NAME: Gladding Cove
PROJECT NO.: 0266365 LOCATION: Otselic, NY
PROJECT MANAGER: Jeremy Wyckoff
e-mail: jwyckoff@pirnie.com
PHONE: 518-782-2100 FAX: 518-782-0500

CLIENT BILLING INFORMATION

BILL TO: Malcolm Pirnie, Inc. PO#: 0266365
ADDRESS: 104 Corporate Park Drive
CITY: White Plains STATE: NY ZIP: 10602
ATTENTION: Accounts Payable PHONE: 914-694-2100

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: STD (10) DAYS *
EDD: STD (10) DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☒ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

TCL VOCs

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A									— Specify Preservatives A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
								1	2	3	4	5	6	7	8	9	
1.	EFF (40 HZ)	AQ		X	1/9/08	1445	2	X									
2.	RW-1	↓		↓	↓	1450	2	↓									
3.	RW-2	↓		↓	↓	1455	2	↓									
4.	EFF (50 HZ)	↓		↓	↓	1500	2	↓									
5.	EFF (60 HZ)	↓		↓	↓	1515	2	↓									
6.	Trip Blank	↓		↓	↓	—	2	↓									
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	1/10/08	1.
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY: 3. FedEx	DATE/TIME: 9:30 1-11-08	RECEIVED FOR LAB BY: 3. [signature]

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: Y S

Page 1 of 1

SHIPPED VIA: CLIENT ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

LABORATORY CERTIFICATION

STATE	License No.
New Jersey	20012
New York	11376
Florida	E87935
Maryland	296
Massachusetts	M-NJ503
Oklahoma	9705
Rhode Island	LAO00259
Connecticut	PH-0649
Maine	NJ0503
Pennsylvania	68-548

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #:_____

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication, airbill, sample management lab chronicle, login page)	_____
Check chain-of-custody for proper relinquish/return of samples	_____
Is the chain of custody signed and complete	_____
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	_____
Collect information for each project id from server. Were all requirements followed	_____
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody and on login page	_____
Do lab numbers and client Ids on cover page agree with the Chain of Custody	_____
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	_____
Do requested analyses on Chain of Custody agree with the log-in page	_____
Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody	_____
Were the samples received within hold time	_____
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	_____
ANALYTICAL:	
Was method requirement followed?	_____
Was client requirement followed?	_____
Does the case narrative summarize all QC failure?	_____
All runlogs reviewed for manual integration requirements	_____

1st Level QA Review Signature:_____ Date:_____

2nd Level QA Review Signature:_____ Date:_____

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(40HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014644.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	6.0		1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(40HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014644.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.65	109 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	51.98	104 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.75	106 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	50.54	101 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	688581	4.60			
540-36-3	1,4-Difluorobenzene	1404336	5.34			
3114-55-4	Chlorobenzene-d5	1327222	10.29			
3855-82-1	1,4-Dichlorobenzene-d4	587142	12.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	RW-1	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014645.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	1.6		1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	2.6		1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	75		1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	RW-1	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014645.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.84	106 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	51.85	104 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	51.96	104 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	51.63	103 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	716450	4.61			
540-36-3	1,4-Difluorobenzene	1443153	5.35			
3114-55-4	Chlorobenzene-d5	1362883	10.30			
3855-82-1	1,4-Dichlorobenzene-d4	606988	12.80			

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	RW-2	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014646.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	1.0		1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.98	J	1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	53		1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	RW-2	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014646.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.51	105 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	50.45	101 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	50.6	101 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	49.46	99 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	734596	4.61			
540-36-3	1,4-Difluorobenzene	1509841	5.35			
3114-55-4	Chlorobenzene-d5	1464458	10.30			
3855-82-1	1,4-Dichlorobenzene-d4	632346	12.80			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(50HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-04	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014647.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(50HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-04	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014647.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.15	102 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	50.41	101 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	50.82	102 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	48.14	96 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	790245	4.61			
540-36-3	1,4-Difluorobenzene	1578761	5.34			
3114-55-4	Chlorobenzene-d5	1537461	10.30			
3855-82-1	1,4-Dichlorobenzene-d4	665760	12.80			

U = Not Detected
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J = Estimated Value
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(60HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-05	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014648.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	EFF(60HZ)	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-05	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014648.D	1	1/19/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9	104 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	50.04	100 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	49.6	99 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	47.88	96 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	754917	4.61			
540-36-3	1,4-Difluorobenzene	1511818	5.34			
3114-55-4	Chlorobenzene-d5	1519691	10.30			
3855-82-1	1,4-Dichlorobenzene-d4	638319	12.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	TRIPBLANK	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-06	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014638.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	1.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	1.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	1.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	1.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	1.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	1.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	1.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	1.0	0.67	ug/L
67-64-1	Acetone	2.2	U	5.0	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	1.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	1.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	1.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	1.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	1.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	1.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	1.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	5.0	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	1.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	1.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	1.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	1.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	1.0	0.47	ug/L
71-43-2	Benzene	0.35	U	1.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	1.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	1.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	1.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	5.0	1.8	ug/L
108-88-3	Toluene	0.16	U	1.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	1.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	1.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	1.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	1/9/2008
Project:	DEC Gladding Cordage	**Date Received:**	1/11/2008
Client Sample ID:	TRIPBLANK	**SDG No.:**	Z1117
Lab Sample ID:	Z1117-06	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD014638.D	1	1/18/2008	VD011708

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	5.0	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	1.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	1.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	1.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	1.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	1.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	2.0	0.47	ug/L
95-47-6	o-Xylene	0.16	U	1.0	0.16	ug/L
100-42-5	Styrene	0.19	U	1.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	1.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	1.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	1.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	1.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	1.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	1.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.19	114 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	51.61	103 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	54.1	108 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	49.73	99 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	642472	4.61			
540-36-3	1,4-Difluorobenzene	1337558	5.34			
3114-55-4	Chlorobenzene-d5	1293163	10.29			
3855-82-1	1,4-Dichlorobenzene-d4	504946	12.80			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

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Summary Sheet
SW-846

SDG No.: Z1117 **Order ID:** Z1117

Client: Malcolm Pirnie, Inc. **Project ID:** MALC02

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**EFF(40HZ)**							
Z1117-01	EFF(40HZ)	WATER	1,1,1-Trichloroethane	6.0		1.0	0.39	ug/L
			Total VOC's:	6.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	6.00				
Client ID:	**RW-1**							
Z1117-02	RW-1	WATER	1,1-Dichloroethene	1.6		1.0	0.67	ug/L
Z1117-02	RW-1	WATER	1,1-Dichloroethane	2.6		1.0	0.67	ug/L
Z1117-02	RW-1	WATER	1,1,1-Trichloroethane	75		1.0	0.39	ug/L
			Total VOC's:	79.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	79.20				
Client ID:	**RW-2**							
Z1117-03	RW-2	WATER	1,1-Dichloroethene	1.0		1.0	0.67	ug/L
Z1117-03	RW-2	WATER	1,1-Dichloroethane	0.98	J	1.0	0.67	ug/L
Z1117-03	RW-2	WATER	1,1,1-Trichloroethane	53		1.0	0.39	ug/L
			Total VOC's:	54.98				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	54.98				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

Order ID:	Z1117	**Order Date:**	1/11/2008
Client :	Malcolm Pirnie, Inc.	**Project:**	DEC Gladding Cordage
Contact :	Jeremy Wyckoff	**Location :**	E12

Lab ID	Client ID	Matrix	Test	Method	Sample Date	PrepDate	AnalDate	Received
Z1117-01	**EFF(40HZ)**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/18/08	
Z1117-02	**RW-1**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/18/08	
Z1117-03	**RW-2**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/19/08	
Z1117-04	**EFF(50HZ)**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/19/08	
Z1117-05	**EFF(60HZ)**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/19/08	
Z1117-06	**TRIPBLANK**	**WATER**			**01/09/08**			**01/11/08**
			VOC-TCLVOA-10	8260			01/18/08	

END OF ANALYTICAL RESULTS

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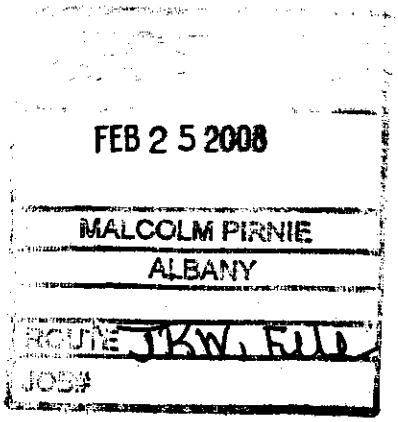
ANALYTICAL RESULTS SUMMARY



PROJECT NAME: DEC Gladding Cordage

MALCOLM PIRNIE, INC.
43 BRITISH AMERICAN BOULEVARD
LATHAM, NY 12110
5187822100

CHEMTECH PROJECT NO. **Z1438**
ATTENTION: **Jeremy Wyckoff**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**RW-1**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011222.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	2.6	J	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	3.4	J	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	75		5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**RW-1**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011222.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.96	96 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	48.65	97 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	47.93	96 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.23	94 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2295418	3.87			
540-36-3	1,4-Difluorobenzene	4308444	4.66			
3114-55-4	Chlorobenzene-d5	3366056	9.61			
3855-82-1	1,4-Dichlorobenzene-d4	1621128	13.33			
TENTITIVE IDENTIFIED COMPOUNDS						
002471-83-2	1H-Indene, 1-ethylidene-	5.2	J	14.20		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	2/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	2/7/2008
Client Sample ID:	RW-2	**SDG No.:**	Z1438
Lab Sample ID:	Z1438-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011223.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	1.7	J	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	1.2	J	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	56		5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**RW-2**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011223.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.18	98 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.15	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	46.87	94 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	46.67	93 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2154353	3.87			
540-36-3	1,4-Difluorobenzene	4138143	4.66			
3114-55-4	Chlorobenzene-d5	3225671	9.61			
3855-82-1	1,4-Dichlorobenzene-d4	1600279	13.34			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	2/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	2/7/2008
Client Sample ID:	EFF-42HZ	**SDG No.:**	Z1438
Lab Sample ID:	Z1438-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011224.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF-42HZ**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011224.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.83	98 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.95	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	47.96	96 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.49	95 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2106803	3.88			
540-36-3	1,4-Difluorobenzene	4021792	4.66			
3114-55-4	Chlorobenzene-d5	3257084	9.61			
3855-82-1	1,4-Dichlorobenzene-d4	1467625	13.34			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF-44HZ**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011225.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	2/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	2/7/2008
Client Sample ID:	EFF-44HZ	**SDG No.:**	Z1438
Lab Sample ID:	Z1438-04	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011225.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.49	99 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.12	100 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.82	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	46.74	93 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2065774	3.87			
540-36-3	1,4-Difluorobenzene	3839041	4.66			
3114-55-4	Chlorobenzene-d5	3177984	9.61			
3855-82-1	1,4-Dichlorobenzene-d4	1438777	13.33			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011226.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-05**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011226.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.74	103 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.93	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	52.34	105 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.62	95 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1906746	3.88			
540-36-3	1,4-Difluorobenzene	3606535	4.67			
3114-55-4	Chlorobenzene-d5	2976507	9.62			
3855-82-1	1,4-Dichlorobenzene-d4	1321001	13.34			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF-46HZ**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-06**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011227.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**EFF-46HZ**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-06**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011227.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.56	105 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.63	105 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	50.14	100 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.67	95 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1825670	3.88			
540-36-3	1,4-Difluorobenzene	3426209	4.67			
3114-55-4	Chlorobenzene-d5	2833752	9.62			
3855-82-1	1,4-Dichlorobenzene-d4	1283916	13.34			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**TRRIPBLANK**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011213.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**2/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**2/7/2008**
Client Sample ID:	**TRRIPBLANK**	**SDG No.:**	**Z1438**
Lab Sample ID:	**Z1438-07**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG011213.D	1	2/16/2008	VG021508

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.48	91 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	49.88	100 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	48.03	96 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.81	96 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2475828	3.87			
540-36-3	1,4-Difluorobenzene	4381655	4.67			
3114-55-4	Chlorobenzene-d5	3729908	9.61			
3855-82-1	1,4-Dichlorobenzene-d4	1700760	13.33			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
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N = Presumptive Evidence of a Compound

Summary Sheet
SW-846

SDG No.: Z1438 **Order ID:** Z1438

Client: Malcolm Pirnie, Inc. **Project ID:** MALC02

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**RW-1**							
Z1438-01	RW-1	WATER	1,1-Dichloroethene	2.6	J	5.0	0.67	ug/L
Z1438-01	RW-1	WATER	1,1-Dichloroethane	3.4	J	5.0	0.67	ug/L
Z1438-01	RW-1	WATER	1,1,1-Trichloroethane	75		5.0	0.39	ug/L
Z1438-01	RW-1	WATER	1H-Indene, 1-ethylidene-	* 5.2	J	0	0	ug/L
			Total VOC's:	81.00				
			Total TIC's:	5.20				
			Total VOC's and TIC's:	86.20				
Client ID:	**RW-2**							
Z1438-02	RW-2	WATER	1,1-Dichloroethene	1.7	J	5.0	0.67	ug/L
Z1438-02	RW-2	WATER	1,1-Dichloroethane	1.2	J	5.0	0.67	ug/L
Z1438-02	RW-2	WATER	1,1,1-Trichloroethane	56		5.0	0.39	ug/L
			Total VOC's:	58.90				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	58.90				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

JRW

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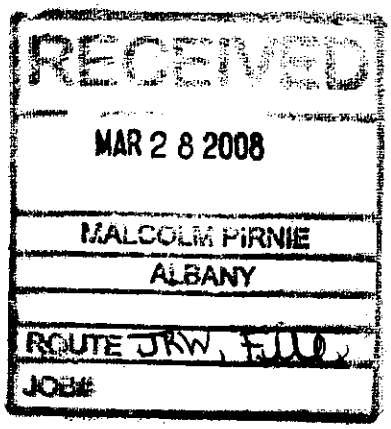

ANALYTICAL RESULTS SUMMARY

PROJECT NAME : DEC GLADDING CORDAGE

MALCOLM PIRNIE, INC.

43 British American Boulevard

Latham , NY - 12110

Phone No: 5187822100

CHEMTECH PROJECT **Z1871**

ATTENTION: **Jeremy Wyckoff**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	RW-1	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007656.D	1	3/12/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	6.9		5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	3.8	J	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	84		5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	RW-1	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007656.D	1	3/12/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	1.4	J	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.32	97 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	50.84	102 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	47.94	96 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	49.14	98 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	753538	9.38			
540-36-3	1,4-Difluorobenzene	1194963	10.49			
3114-55-4	Chlorobenzene-d5	1188671	14.92			
3855-82-1	1,4-Dichlorobenzene-d4	611870	18.73			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	RW-2	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-02	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007675.D	1	3/13/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	3.8	J	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	1.3	J	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	56		5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**3/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**3/7/2008**
Client Sample ID:	**RW-2**	**SDG No.:**	**Z1871**
Lab Sample ID:	**Z1871-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007675.D	1	3/13/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	1.2	J	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.28	95 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	51.98	104 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.03	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	50.68	101 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	905414	9.38			
540-36-3	1,4-Difluorobenzene	1437547	10.48			
3114-55-4	Chlorobenzene-d5	1406514	14.91			
3855-82-1	1,4-Dichlorobenzene-d4	765998	18.72			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	EFF (42HZ)	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-03	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007676.D	1	3/13/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Malcolm Pirnie, Inc.**	**Date Collected:**	**3/6/2008**
Project:	**DEC Gladding Cordage**	**Date Received:**	**3/7/2008**
Client Sample ID:	**EFF (42HZ)**	**SDG No.:**	**Z1871**
Lab Sample ID:	**Z1871-03**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VE007676.D	1	3/13/2008	VE031008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	0.97	U	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	1.2	J	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.26	97 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	52.65	105 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.19	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	50.73	101 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	905230	9.38			
540-36-3	1,4-Difluorobenzene	1456536	10.48			
3114-55-4	Chlorobenzene-d5	1425366	14.91			
3855-82-1	1,4-Dichlorobenzene-d4	778399	18.72			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	TRIP BLANK	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-04	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD016482.D	1	3/20/2008	VD032008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.88	U	5.0	0.88	ug/L
74-87-3	Chloromethane	0.37	U	5.0	0.37	ug/L
75-01-4	Vinyl chloride	0.30	U	5.0	0.30	ug/L
74-83-9	Bromomethane	1.4	U	5.0	1.4	ug/L
75-00-3	Chloroethane	0.80	U	5.0	0.80	ug/L
75-69-4	Trichlorofluoromethane	0.53	U	5.0	0.53	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.61	U	5.0	0.61	ug/L
75-35-4	1,1-Dichloroethene	0.67	U	5.0	0.67	ug/L
67-64-1	Acetone	2.2	U	25	2.2	ug/L
75-15-0	Carbon disulfide	0.20	U	5.0	0.20	ug/L
1634-04-4	Methyl tert-butyl Ether	0.23	U	5.0	0.23	ug/L
79-20-9	Methyl Acetate	0.45	U	5.0	0.45	ug/L
75-09-2	Methylene Chloride	0.38	U	5.0	0.38	ug/L
156-60-5	trans-1,2-Dichloroethene	0.44	U	5.0	0.44	ug/L
75-34-3	1,1-Dichloroethane	0.67	U	5.0	0.67	ug/L
110-82-7	Cyclohexane	0.57	U	5.0	0.57	ug/L
78-93-3	2-Butanone	1.9	U	25	1.9	ug/L
56-23-5	Carbon Tetrachloride	0.27	U	5.0	0.27	ug/L
156-59-2	cis-1,2-Dichloroethene	0.72	U	5.0	0.72	ug/L
67-66-3	Chloroform	0.45	U	5.0	0.45	ug/L
71-55-6	1,1,1-Trichloroethane	0.39	U	5.0	0.39	ug/L
108-87-2	Methylcyclohexane	0.47	U	5.0	0.47	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.41	U	5.0	0.41	ug/L
79-01-6	Trichloroethene	0.34	U	5.0	0.34	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	5.0	0.46	ug/L
75-27-4	Bromodichloromethane	0.23	U	5.0	0.23	ug/L
108-10-1	4-Methyl-2-Pentanone	1.8	U	25	1.8	ug/L
108-88-3	Toluene	0.16	U	5.0	0.16	ug/L
10061-02-6	t-1,3-Dichloropropene	0.31	U	5.0	0.31	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
79-00-5	1,1,2-Trichloroethane	0.32	U	5.0	0.32	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	**Date Collected:**	3/6/2008
Project:	DEC Gladding Cordage	**Date Received:**	3/7/2008
Client Sample ID:	TRIP BLANK	**SDG No.:**	Z1871
Lab Sample ID:	Z1871-04	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD016482.D	1	3/20/2008	VD032008

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.8	U	25	1.8	ug/L
124-48-1	Dibromochloromethane	0.23	U	5.0	0.23	ug/L
106-93-4	1,2-Dibromoethane	0.26	U	5.0	0.26	ug/L
127-18-4	Tetrachloroethene	1.1	J	5.0	0.97	ug/L
108-90-7	Chlorobenzene	0.28	U	5.0	0.28	ug/L
100-41-4	Ethyl Benzene	0.05	U	5.0	0.05	ug/L
126777-61-2	m/p-Xylenes	0.47	U	10	0.47	ug/L
95-47-6	o-Xylene	0.16	U	5.0	0.16	ug/L
100-42-5	Styrene	0.19	U	5.0	0.19	ug/L
75-25-2	Bromoform	0.44	U	5.0	0.44	ug/L
98-82-8	Isopropylbenzene	0.37	U	5.0	0.37	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	5.0	0.37	ug/L
541-73-1	1,3-Dichlorobenzene	0.28	U	5.0	0.28	ug/L
106-46-7	1,4-Dichlorobenzene	0.22	U	5.0	0.22	ug/L
95-50-1	1,2-Dichlorobenzene	0.40	U	5.0	0.40	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	5.0	0.58	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.39	U	5.0	0.39	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.36	95 %	75 - 124		SPK: 50
1868-53-7	Dibromofluoromethane	48.33	97 %	84 - 122		SPK: 50
2037-26-5	Toluene-d8	49.23	98 %	83 - 117		SPK: 50
460-00-4	4-Bromofluorobenzene	47.18	94 %	74 - 123		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	350928	4.76			
540-36-3	1,4-Difluorobenzene	590694	5.52			
3114-55-4	Chlorobenzene-d5	545259	10.42			
3855-82-1	1,4-Dichlorobenzene-d4	240263	12.90			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: Z1871 Order ID: Z1871

Client: Malcolm Pirnie, Inc. Project ID: MALC02

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**EFF (42HZ)**							
Z1871-03	EFF (42HZ)	WATER	m/p-Xylenes	1.2	J	10	0.47	ug/L
			Total VOC's:	1.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.20				
Client ID:	**RW-1**							
Z1871-01	RW-1	WATER	1,1-Dichloroethene	6.9		5.0	0.67	ug/L
Z1871-01	RW-1	WATER	1,1-Dichloroethane	3.8	J	5.0	0.67	ug/L
Z1871-01	RW-1	WATER	1,1,1-Trichloroethane	84		5.0	0.39	ug/L
Z1871-01	RW-1	WATER	m/p-Xylenes	1.4	J	10	0.47	ug/L
			Total VOC's:	96.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	96.10				
Client ID:	**RW-2**							
Z1871-02	RW-2	WATER	1,1-Dichloroethene	3.8	J	5.0	0.67	ug/L
Z1871-02	RW-2	WATER	1,1-Dichloroethane	1.3	J	5.0	0.67	ug/L
Z1871-02	RW-2	WATER	1,1,1-Trichloroethane	56		5.0	0.39	ug/L
Z1871-02	RW-2	WATER	m/p-Xylenes	1.2	J	10	0.47	ug/L
			Total VOC's:	62.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	62.30				
Client ID:	**TRIP BLANK**							
Z1871-04	TRIP BLANK	WATER	Tetrachloroethene	1.1	J	5.0	0.97	ug/L
			Total VOC's:	1.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.10				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.