REPORT OF GROUNDWATER MONITORING RESULTS
SUMMER 2004 GROUNDWATER SAMPLING EVENT

Cook Composites and Polymers Company
Saukville, Wisconsin

FOR:

Cook Composites and Polymers Co.
820 East 14th Avenue
North Kansas City, MO 64116

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Robert A. Cigale, P.G., CHMM
Senior Consultant

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EXECUTIVE SUMMARY

This report presents the results of the July (Summer) 2004 quarterly groundwater monitoring conducted at the Cook Composites and Polymers Co. (CCP) facility in Saukville, Wisconsin. During this annual monitoring event, water samples were scheduled to be collected from:

- four municipal wells;
- the Village of Saukville publicly owned treatment works (POTW);
- three on-site Ranney Collectors; and,
- twelve onsite and offsite remediation progress monitoring wells.

Additional wells or sampling points are sampled semi-annually. Field data from the sampling event is presented in Appendix A.

Since the Spring 2004 groundwater sampling event, the three onsite Ranney Collectors have been repaired. At the time of the Summer 2004 sampling event, wells W-21A, W-28 and W-29 were in the process of being repaired. Samples from wells W-21A, W-28 and W-29 will be collected during the October 2004 sampling event.

The analytical testing was performed by EnChem Laboratory (WDNR Lab ID #113172950), Madison, Wisconsin, using EPA SW-846 Method 8260B for volatile organic compounds, Method 8270B for semi-volatile organic compounds, Method 8082 for polychlorinated biphenyls, and Method 6020 for arsenic and barium. Analytes, reporting limits, and explanations of the data qualifiers are described in Appendix B. Laboratory results were validated by an ELM chemist. The quality assurance/quality control (QA/QC) review is summarized in Appendix C.

The findings of the Summer 2004 monitoring event are described below:

Municipal Wells

- With the exception of the sample collected from Municipal Well No. 2, (MW-2) no VOCs were detected above the limit of quantitation (LOQ) in any of the samples collected from the Municipal Wells Nos. 1, 3 or 4.

- The sample collected from MW-2 contained benzene at a concentration of 3.3 micrograms per liter (µg/L), which exceeds the Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit for benzene of 0.5 µg/L. The Village of Saukville and Cook Composites and Polymers are currently in negotiations to transfer the ownership of the MW-2 property to Cook Composites and Polymers. Following transfer of the property, MW-2 will be abandoned by Cook Composites and Polymers.

Ranney Collectors

- Samples were collected from each of the Ranney Collectors.
- Total VOC concentrations in the Ranney Collectors ranged between 377 µg/L and 1,556 µg/L, primarily attributed to xylene, ethylbenzene and benzene.

POTW

- The POTW-Influent sample had a total VOC concentration of 206 µg/L. The primary VOCs detected in the POTW–Influent were tetrachloroethene (110 µg/L), acetone (75 µg/L) and trichloroethene (11 µg/L).
- The POTW-Effluent sample had a total VOC concentration of 15 µg/L, comprised primarily of tetrachloroethene.
- The POTW-Sludge sample had a total VOC concentration of 720 µg/L, comprised primarily of toluene.

Remediation Progress Wells

- Samples were not collected from W-21A, W-24A, and W-28 due to maintenance activities.
- No VOCs were detected in the groundwater sample collected from W-19A. This result is consistent with results from previous sampling events.
- The groundwater sample collected from W-06A contained a total VOC concentration of 88,000 µg/L, including NR 140 enforcement standard exceedances for benzene, ethylbenzene, and toluene. The groundwater

sample collected from W-06A also contained concentrations of arsenic and naphthalene that exceeded the preventive action limits.

- The groundwater sample collected from W-29 contained a total VOC concentration of 1,152.5 µg/L, including NR 140 enforcement standard exceedances for benzene, ethylbenzene, and vinyl chloride. The total VOC concentration reported during the Summer 2004 shows a ten-fold increase as compared to the results from the Summer 2003 sampling event. During the Summer 2003 sampling event, ethylbenzene, vinyl chloride and xylene were not detected.
- The groundwater sample collected from W-30 contained a total VOC concentration of 38.4 µg/L, including a preventive action limit exceedance for benzene. The concentration of benzene (3.3 µg/L) in the sample collected from W-30 is the same as the concentration of benzene in the sample collected from MW-2. Both W-30 and MW-2 are deep wells completed in the dolomite bedrock. MW-2 formerly provided non-contact cooling water to the CCP facility. W-30 currently pumps at a rate of approximately 340 gallons per minute supplying non-contact cooling water.
- The groundwater sample collected from W-38 contained a total VOC concentration of 8,390 µg/L, including an enforcement standard exceedance for benzene and a preventive action limit exceedance for xylene. The concentrations detected in the groundwater sample collected from W-38 during the Summer 2004 sampling event are consistent with the concentrations detected during the Summer 2003 sampling event.
- The groundwater sample collected from W-41 contained a total VOC concentration of 693 µg/L, including a preventive action limit exceedance for benzene. The total VOC concentration detected during the Summer 2004 sampling event is approximately two-times the total VOC concentration detected during the Summer 2003 sampling event. The increase in total VOC

concentration is due primarily to an increase in the xylene concentration from 370 µg/L in 2003 to 690 µg/L in 2004.

- The groundwater sample collected from W-42 contained a total VOC concentration of 13,866 µg/L, including enforcement standard exceedances for benzene, ethylbenzene, and xylene. The concentrations detected in the groundwater sample collected from W-42 during the Summer 2004 sampling event were consistent with the concentrations detected during the Summer 2003 sampling event.
- The groundwater sample collected from W-43 contained a total VOC concentration of 6,257 µg/L, including a preventive action limit exceedance for naphthalene and enforcement standard exceedances for bis(2-ethylhexyl)phthalate, benzene, ethylbenzene, and xylene. The concentrations detected in the groundwater sample collected from W-43 during the Summer 2004 sampling event are fairly consistent with the concentrations detected in the sample collected during the Summer 2003 sampling event.
- The groundwater sample collected from W-47 contained a total VOC concentration of 94,834 µg/L, including enforcement standard exceedances for benzene, ethylbenzene, toluene, and xylene. The sample also contained a preventive action limit exceedance for arsenic and an enforcement standard exceedance for Arochlor 1242.

Quality Assurance/Quality Control

- Methylene chloride was detected in both of the trip blank samples at a concentration below the limit of quantification, therefore the results were validated with a "Q" flag.
- Results of four blind duplicate samples were comparable to the results of the samples that they duplicated.

1.1 SAMPLING PROGRAM

The groundwater monitoring network at CCP's Saukville facility consists of 44 monitoring points, which include 20 glacial drift wells, 12 shallow dolomite wells, and 6 deep dolomite wells. Monitoring is also conducted at 3 Ranney Collectors (essentially french drains) and 3 POTW sampling points. The monitoring points are further grouped according to 3 sampling objectives: receptor, perimeter, and remediation progress points. Receptor points are scheduled for sampling on a quarterly basis. The perimeter monitoring points are scheduled for sampling on a semi-annual basis during the spring and fall sampling events. The remediation progress points are scheduled for sampling on an annual basis during the summer sampling event. Since the onset of the monitoring program, two monitoring points (W-25 and W-37) have been abandoned due to damage to the wells from nearby construction projects. These wells have not been replaced since the remaining monitoring network is providing sufficient data.

1.1.1 Receptor Monitoring

Receptor points include 4 municipal water supply wells (MW-01, MW-02, MW-03, and MW-04); POTW influent, effluent, and sludge monitoring points; and the Ranney Collectors (RC-1, RC-2, and RC-3). The Ranney Collectors are monitored because they discharge to the POTW. Municipal wells MW-01, MW-03, and MW-04, all of the POTW monitoring points, and all of the Ranney Collectors were scheduled to be sampled during this sampling event.

Since the Spring 2004 groundwater sampling event, the three onsite Ranney Collectors have been repaired. At the time of the Summer 2004 sampling event, wells W-21A, W-28 and W-29 were in the process of being repaired. Samples from wells W-21A, W-28 and W-29 will be collected during the October 2004 sampling event.

1.1.2 Perimeter Monitoring

Perimeter points are both on- and off-site monitoring wells that are located at or beyond the edge of the contaminant plume. These wells are intended to provide the information

necessary to define the lateral extent of the plume. None of the perimeter monitoring points are scheduled to be sampled during the summer sampling event.

1.1.3 Remediation Progress Monitoring

Remediation progress points are monitoring wells that are located within the contaminant plume. These wells provide information concerning the effectiveness of the on-site remedial systems. All of the remediation progress monitoring points are scheduled to be sampled during this sampling event.

1.1.4 Monitoring Point Characterization

Each of the well groupings are further subdivided into glacial drift and shallow dolomite hydrogeologic units. Some monitoring points, such as the municipal wells in the deep dolomite unit, are not easily characterized under this system, but the majority of the monitoring points are screened in one of these two units. This subdivision allows for a more effective evaluation of on-site groundwater flow and water quality trends.

1.1.5 Groundwater Elevation

As part of the monitoring program, water levels are measured in all of the wells each quarter. The water level measurements from the Summer 2004 sampling event are summarized in Table 5. Water table contours in the glacial till unit, and the potentiometric surface in the shallow dolomite unit are depicted on Figures 1 and 2, respectively.

1.2 MONITORING RESULTS

Chemical parameters were analyzed in samples from four (4) municipal water supply wells, the village POTW, three (3) onsite Ranney Collectors and ten (10) remediation progress wells during the Summer 2004 groundwater sampling event. Table 1 presents the municipal well results, and compares the results to the Wisconsin Administrative Code (WAC) Chapter NR 140 groundwater standards. POTW influent, effluent, and sludge results are presented in Table 2. Remediation progress well results are

presented in Table 3. A summary of preventive action limit and enforcement standard exceedances are presented on Table 4.

The findings of the Summer 2004 groundwater-monitoring event are described below:

Municipal Wells

- With the exception of the sample collected from Municipal Well No. 2, (MW-2) no VOCs were detected above the limit of quantitation (LOQ) in any of the samples collected from the Municipal Wells Nos. 1, 3 or 4.
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Quality Assurance/Quality Control

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- Results of four blind duplicate samples were comparable to the results of the samples that they duplicated.

TABLES

TABLE 1
MUNICIPAL WELL RESULTS

PROJECT NUMBER: BA-0001-01
BEGINNING DATE: 7/12/2004
ENDING DATE: 7/14/2004

(1) PAL = NR140 Preventative Action Limit
(2) ES = NR140 Enforcement Standard

Parameter	PAL	ES	Units	MW-01-04-3 7/13/2004 848771-004	MW-02-04-3 7/13/2004 848771-005	MW-03-04-3 7/13/2004 848771-006	MW-04-04-3 7/13/2004 848771-007	DUP-1-04-3 7/13/2004 (MW-04-04-3) 848771-019	TRIP BLANK 7/13/2004 848771-021	TRIP BLANK 7/14/2004 848836-010
1,1,1-Trichloroethane	40	200	ug/L	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,1,2,2-Tetrachloroethane	0.02	0.2	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	0.5	5	ug/L	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
1,1-Dichloroethane	85	850	ug/L	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
1,1-Dichloroethene	0.7	7	ug/L	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
1,2-Dichlorobenzene			ug/L	<0.83	<0.83	<0.83	<0.83		<0.83	
1,2-Dichloroethane	0.5	5	ug/L	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dichloroethene, Total			ug/L	<1.4	<1.4	<1.4	<1.4		<1.4	
1,2-Dichloropropane	0.5	5	ug/L	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,3-Dichlorobenzene			ug/L	<0.87	<0.87	<0.87	<0.87		<0.87	
2-Butanone	90	460	ug/L	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
2-Hexanone			ug/L	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
4-Methyl-2-pentanone	50	500	ug/L	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Acetone	200	1000	ug/L	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
Benzene	0.5	5	ug/L	<0.41	3.3	<0.41	<0.41	<0.41	<0.41	<0.41
Bromodichloromethane	0.06	0.6	ug/L	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
Bromoform	0.44	4	ug/L	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
Bromomethane	1	10	ug/L	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91
Carbon disulfide	200	1000	ug/L	<0.66 N	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Carbon tetrachloride	0.5	5	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Chlorobenzene	20	100	ug/L	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Chlorodibromomethane	6	60	ug/L	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
Chloroethane	80	400	ug/L	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
Chloroform	0.6	6	ug/L	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	0.3	3	ug/L	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,3-Dichloropropene	0.02	0.2	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Ethylbenzene	140	700	ug/L	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
Methylene chloride	0.5	5	ug/L	<0.43	<0.43	<0.43	<0.43	<0.43	0.83 Q	0.67 Q
Styrene	10	100	ug/L	<0.86 N*	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Tetrachloroethene	0.5	5	ug/L	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Toluene	200	1000	ug/L	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
trans-1,3-Dichloropropene	0.02	0.2	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Trichloroethene	0.5	5	ug/L	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Vinyl acetate			ug/L	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Vinyl Chloride	0.02	0.2	ug/L	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Total Xylenes	1000	10000	ug/L	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
Total VOCs			ug/L	0.0	3.3	0.0	0.0	0.00	0.83	0.67
April 2004 Total VOCs			ug/L	0.0	NS	0.0	0.0	0.0		

Indicates concentration in exceedance of Wis. Admin. Code Chapter NR 140 Preventive Action Limit (PAL)
Indicates concentration in exceedance of Wis. Admin. Code Chapter NR 140 Enforcement Standard (ES)

* - Precision not within control limits.
Q - The analyte has been detected between the LOD and the LOQ. The results are qualified due to the uncertainty of analyte concentrations within this range.
N - Spiked sample recovery not within control limits.
ug/L - micrograms per liter

10/25/2004

TABLE 2
POTW AND RANNEY COLLECTOR RESULTS

PROJECT NUMBER: BA-0001-01
BEGINNING DATE: 7/12/2004
ENDING DATE: 7/14/2004

Parameter	Units	POTW-I-04-3 7/13/2004 848771-001	POTW-E-04-3 7/13/2004 848771-002	POTW-S-04-3 7/13/2004 848771-003	RC-1-04-3 7/14/2004 848836-006	RC-2-04-3 7/14/2004 848836-007	RC-3-04-3 7/14/2004 848836-008
1,1,1-Trichloroethane	ug/L	<0.90	<0.90	<25 ug/kg			
1,1,2,2-Tretrachloroethane	ug/L	<0.20	<0.20	<25 ug/kg			
1,1,2-Trichloroethane	ug/L	<0.42	<0.42	<25 ug/kg			
1,1-Dichloroethane	ug/L	<0.75	<0.75	<25 ug/kg			
1,1-Dichloroethene	ug/L	<0.57	<0.57	<25 ug/kg			
1,2-Dichlorobenzene	ug/L	<0.83	<0.83	<25 ug/kg	<0.83	<4.1	<4.1
1,2-Dichloroethane	ug/L	<0.36	<0.36	<25 ug/kg			
1,2-Dichloroethene, Total		7.2	<1.4	<50 ug/kg			
1,2-Dichloropropane	ug/L	<0.46	<0.46	<25 ug/kg			
1,3-Dichlorobenzene	ug/L	<0.87	<0.87	<25 ug/kg	<0.87	<4.4	<4.4
1,4-Dichlorobenzene	ug/L	1.2 Q	<0.95	<25 ug/kg	<0.95	<4.8	<4.8
2-Butanone	ug/L	<4.3	<4.3	<72 ug/kg			
2-Hexanone	ug/L	<1.1	<1.1	<62 ug/kg			
4-Methyl-2-pentanone	ug/L	<1.2	<1.2	<26 ug/kg			
Acetone	ug/L	75	<2.2	<57 ug/kg			
Benzene	ug/L	<0.41	<0.41	<25 ug/kg	14	83	9.9
Bromodichloromethane	ug/L	<0.56	<0.56	<25 ug/kg			
Bromoform	ug/L	<0.94	<0.94	<25 ug/kg			
Bromomethane	ug/L	<0.91	<0.91	<25 ug/kg			
Carbon disulfide	ug/L	<0.66	<0.66	<25 ug/kg			
Carbon tetrachloride	ug/L	<0.49	<0.49	<25 ug/kg			
Chlorobenzene	ug/L	<0.41	<0.41	<25 ug/kg	<0.41	<2.0	<2.0
Chlorodibromomethane	ug/L	<0.81	<0.81	<25 ug/kg			
Chloroethane	ug/L	<0.97	<0.97	<25 ug/kg			
Chloroform	ug/L	0.73 Q	<0.37	<25 ug/kg			
Chloromethane	ug/L	<0.24	<0.24	<25 ug/kg			
cis-1,3-Dichloropropene	ug/L	<0.19	<0.19	<25 ug/kg			
Ethylbenzene	ug/L	<0.54	<0.54	<25 ug/kg	9.6	400	270
Methylene chloride	ug/L	<0.43	<0.43	<25 ug/kg			
Styrene	ug/L	<0.86	<0.86	<25 ug/kg			
Tetrachloroethene	ug/L	110	15	<25 ug/kg			
Toluene	ug/L	0.87 Q	<0.67	720 ug/kg Q	43	46	76
trans-1,3-Dichloropropene	ug/L	<0.19	<0.19	<25 ug/kg			
Trichloroethene	ug/L	11	<0.48	<25 ug/kg			
Vinyl acetate	ug/L	<1.6	<1.6	<50 ug/kg			
Vinyl Chloride	ug/L	<0.18	<0.18	<25 ug/kg			
Xylene, Total	ug/L	<2.6	<2.6	<75 ug/kg	310	580	1200
Total VOCs	ug/L	206.0	15	720	377	1109	1556
April 2004 Total VOCs	ug/L	218.4	0.0	23	NS	NS	NS

Q - The analyte has been detected between the LOD and the LOQ. The results are qualified due to the uncertainty of analyte concentrations within this range.
NS - Not Sampled
ug/L - micrograms per liter
ug/kg - micrograms per kilogram

PROJECT NUMBER: BA-0001-01
BEGINNING DATE: 7/12/2004
ENDING DATE: 7/14/2004

TABLE 3
SUMMARY OF MONITORING WELL RESULTS

(1) PAL = NR 140 Preventative Action Limit
(2) ES = NR 140 Enforcement Standard

Parameter	PAL	ES	Units	W-06A-04-3 7/13/2004 848771-013	W-19A-04-3 7/13/2004 848771-010	DUP2-04-3 7/13/2004 (W-19A-04-3) 848771-020	W-21A-04-3 Not Sampled	W-24A-04-3 Not Sampled	W-28-04-3 Not Sampled	W-29-04-3 7/14/2004 848836-002	W-30-04-3 7/13/2004 848771-011	DUP3-04-3 7/13/2004 (W-30-04-3) 848771-015	W-38-04-3 7/14/2004 848836-001	W-41-04-3 7/14/2004 848836-003	W-42-04-3 7/13/2004 848771-014	W-43-04-3 7/14/2004 848836-009	W-47-04-3 7/13/2004 848771-012	DUP4-04-3 7/13/2004 848771-016
Barium	400	2000	ug/L	51						160	82	81				96	190	
Arsenic	5	50	ug/L	36						3.0	2.8	2.6				13	34	
Aroclor 1016	0.03	0.3	ug/L														<0.26	<0.26
Aroclor 1221	0.03	0.3	ug/L														<0.26	<0.26
Aroclor 1232	0.03	0.3	ug/L														<0.26	<0.26
Aroclor 1242	0.03	0.3	ug/L														0.78 Q	1.1
Aroclor 1248	0.03	0.3	ug/L														<0.26	<0.26
Aroclor 1254	0.03	0.3	ug/L														<0.26	<0.26
Aroclor 1260	0.03	0.3	ug/L														<0.26	<0.26
1,4-Dioxane	-	-	ug/L	350 D						200 D	30	24				<2.1	120	
2,4-Dimethylphenol	-	-	ug/L	240 D						<2.3	<2.1	<2.1				<2.3	930 D	
2-Methylnaphthalene	-	-	ug/L	<2.0						<2.1	<1.9	<1.9				54	5.8 Q	
2-Methylphenol	-	-	ug/L	54						<5.4	<5.1	<5.1				<5.4	140	
3&4-Methylphenol	-	-	ug/L	160 D						<5.6	<5.2	<5.2				<5.6	210 D	
Acetophenone	-	-	ug/L	54						5.8 Q	<4.5	<4.5				290 D	250 D	
bis(2-ethylhexyl)phthalate	0.6	6	ug/L	<4.2						11 Q	<4.2	<4.2				49	7.6 Q	
Naphthalene	8	40	ug/L	16						4.1 Q	<2.6	<2.6				24	42	
Phenanthrene	-	-	ug/L	<2.2						<2.3	<2.1	<2.1				31	<2.3	
Phenol	1200	6000	ug/L	110						<2.7	<2.5	<2.5				<2.7	49	
1,2-Dichlorobenzene	60	600	ug/L	<4.2	<0.83	<0.83				<4.2	<4.2	<4.2	<21	<2.1	<42	<4.2		
1,3-Dichlorobenzene	125	1250	ug/L	<3.7	<0.87	<0.87				<3.7	<3.7	<3.7	<22	<2.2	<44	<3.8		
1,4-Dichlorobenzene	15	75	ug/L	<4.1	<0.95	<0.95				<4.1	<4.1	<4.1	<24	<2.4	<48	<4.2		
1,1,1,2-Tetrachloroethane	7	70	ug/L	<370						<4.6	<0.92					<18	<180	
1,1,1-Trichloroethane	40	200	ug/L	<360						<4.5	<0.90					<18	<180	
1,1,2,2-Tretrachloroethane	0.02	0.2	ug/L	<80						<1.0	<0.20					<4.0	<40	
1,1,2-Trichloroethane	0.5	5	ug/L	<170						<2.1	<0.42					<8.4	<84	
1,1-Dichloroethane	85	850	ug/L	<300						<3.8	<0.75					<15	<150	
1,1-Dichloroethene	0.7	7	ug/L	<230						<2.8	<0.57					<11	<110	
1,2,3-Trichloropropane	12	60	ug/L	<400						<5.0	<0.99					<20	<200	
1,2-Dibromo-3-chloropropane	0.02	0.2	ug/L	<350						<4.4	<0.87					<17	<170	
1,2-Dibromoethane	0.005	0.05	ug/L	<220						<2.8	<0.56					<11	<110	
1,2-Dichloroethane	0.5	5	ug/L	<140						<1.8	<0.36					<7.2	<72	
1,2-Dichloropropane	0.5	5	ug/L	<180						<2.3	<0.46					<9.2	<92	
2-Butanone	90	460	ug/L	<1700						<22	<4.3					<86	<860	
2-Hexanone	-	-	ug/L	<440						<5.5	<1.1					<22	<220	
4-Methyl-2-pentanone	50	500	ug/L	<480						<6.0	<1.2					<24	<240	
Acetone	200	1000	ug/L	<880						<11	<2.2					<44	<440	
Acetonitrile	-	-	ug/L	<1300						<16	<3.3					<66	<660	
Acrolein	-	-	ug/L	<4000						<50	<10					<200	<2000	
Acrylonitrile	-	-	ug/L	<520						<6.5	<1.3					<26	<260	
Allyl Chloride	-	-	ug/L	<800						<10	<2.0					<40	<400	
Benzene	0.5	5	ug/L	420 Q	<0.41	<0.41				38	3.3		4600	3.1 Q	420	57	180 Q	
Bromodichloromethane	0.06	0.6	ug/L	<220						<2.8	<0.56					<11	<110	
Bromoform	0.44	4	ug/L	<380						<4.7	<0.94					<19	<190	
Bromomethane	1	10	ug/L	<360						<4.6	<0.91					<18	<180	
Carbon disulfide	200	1000	ug/L	<260						<3.3	<0.66					<13	<130	
Carbon tetrachloride	0.5	5	ug/L	<200						<2.4	<0.49					<9.8	<98	
Chlorobenzene	20	100	ug/L	<160	<0.41	<0.41				<2.0	<0.41		<10	<1.0	<20	<8.2	<82	
Chlorodibromomethane	6	60	ug/L	<320						<4.1	<0.81					<16	<160	
Chloroethane	80	400	ug/L	<390						<4.8	<0.97					<19	<190	
Chloroform	0.6	6	ug/L	<150						<1.8	<0.37					<7.4	<74	
Chloromethane	0.3	3	ug/L	<96						<1.2	<0.24					<4.8	<48	
cis-1,2-Dichloroethene	7	70	ug/L	<270						<3.4	<0.67					<13	<130	
cis-1,3-Dichloropropene	0.02	0.2	ug/L	<76						<0.95	<0.19					<3.8	<38	
Dibromomethane	-	-	ug/L	<240						<3.0	<0.60					<12	<120	
Dichlorodifluoromethane	200	1000	ug/L	<400						<5.0	<0.99					<20	<200	
Ethyl methacrylate	-	-	ug/L	<320						<4.0	<0.80					<16	<160	
Ethylbenzene	140	700	ug/L	20000	<0.54	<0.54				780	<0.54		90	<1.4	1400	3700	5700	
Fluorotrichloromethane	698	3490	ug/L	<320						<4.0	<0.79					<16	<160	
Iodomethane	-	-	ug/L	<250						<3.2	<0.63					<13	<130	
Isobutanol	-	-	ug/L	<1600						<20	<3.9					<78	<780	
Methacrylonitrile	-	-	ug/L	<480						<6.0	<1.2					<24	<240	
Methyl methacrylate	-	-	ug/L	<440						<5.5	<1.1					<22	<220	
Methylene chloride	0.5	5	ug/L	<170						<2.2	<0.43					<8.6	<86	
Propionitrile	-	-	ug/L	<640						<8.0	<1.6					<32	<320	
Styrene	10	100	ug/L	<340						<4.3	<0.86					<17	<170	
Tetrachloroethene	0.5	5	ug/L	<180						<2.2	<0.45					<9.0	<90	
Toluene	200	1000	ug/L	49000	<0.67	<0.67				<3.4	<0.67		<17	<1.7	46 Q	52	6200	
trans-1,2-Dichloroethene	20	100	ug/L	<360						<4.4	<0.89					<18	<180	
trans-1,3-Dichloropropene	0.02	0.2	ug/L	<76						<0.95	<0.19					<3.8	<38	
trans-1,4-Dichloro-2-butene	-	-	ug/L	<440						<5.5	<1.1					<22	<220	
Trichloroethene	0.5	5	ug/L	<190						<2.4	<0.48					<9.6	<96	
Vinyl acetate	-	-	ug/L	<640 &						<8.0 &	<1.6					<32 &	<320 &	
Vinyl Chloride	0.02	0.2	ug/L	<72						3.6	<0.18					<3.6	<36	
Total Xylene	1000	10000	ug/L	88000	<2.6	<2.6				110	5.1 Q		3700	690	12000	2000	81000	
Total VOCs			ug/L	158404	0.0	0.0	NS	NS	NS	1152.5	38.4		8390	693	13866	6257	94834	
July 2003 Total VOCs			ug/L	148279	0.0	0.0	NS	NS	152.0	141.0	46.0	NS	8500	377.2	13760	4576	NS	

Indicates concentration in exceedance of Wis. Admin. Code Chapter NR 140 Preventive Action Limit (PAL)
Indicates concentration in exceedance of Wis. Admin. Code Chapter NR 140 Enforcement Standard (ES)

& - Laboratory control spike recovery not within control limits.
Q - The analyte has been detected between the LOD and the LOQ. The results are qualified due to the uncertainty of analyte concentrations within this range.
D - Analyte value from diluted analysis.
N - Spiked sample recovery not within control limits.
ug/L - micrograms per liter

TABLE 4
NR 140 PAL and ES EXCEEDANCES

PROJECT NUMBER: BA-0001-01
BEGINNING DATE: 7/12/2004
ENDING DATE: 7/14/2004

(1) PAL = NR 140 Preventative Action Limit
(2) ES = NR 140 Enforcement Standard

Parameter	PAL (1)	ES (2)	Units	W-06A-04-3	W-21A-04-3 not sampled	W-24A-04-3 not sampled	W-28-04-3 not sampled	W-29-04-3	W-30-04-3	W-38-04-3	W-41-04-3	W-42-04-3	W-43-04-3	W-47-04-3
Arsenic	5	50	ug/L	PAL (36 µg/L)									PAL (13 µg/L)	PAL (34 µg/L)
Arochlor 1242	0.03	0.3	ug/L											ES (0.78 µg/L)
bis (2-ethylhexyl) pthalate	0.6	6	ug/L										ES (49 µg/L)	
Naphthalene	8	40	ug/L	PAL (16 µg/L)									PAL (24 µg/L)	
Benzene	0.5	5	ug/L	ES (420 µg/L)				ES (38 µg/L)	PAL (3.3 µg/L)	ES (4,600 µg/L)	PAL (3.1 µg/L)	ES (420 µg/L)	ES (57 µg/L)	ES (180 µg/L)
Ethylbenzene	140	700	ug/L	ES (20,000 µg/L)				ES (780 µg/L)				ES (1,400 µg/L)	ES (3,700 µg/L)	ES (5,700 µg/L)
Toluene	200	1000	ug/L	ES (49,000 µg/L)										ES (6,200 µg/L)
Vinyl Chloride	0.02	0.2	ug/L					ES (3.6 µg/L)						
Xylenes (total)	1000	10000	ug/L	ES (88,000 µg/L)						PAL (3,700 µg/L)		ES (12,000 µg/L)	PAL (2,000 µg/L)	ES (81,000 µg/L)

TABLE 5

SUMMER 2004 WATER LEVELS

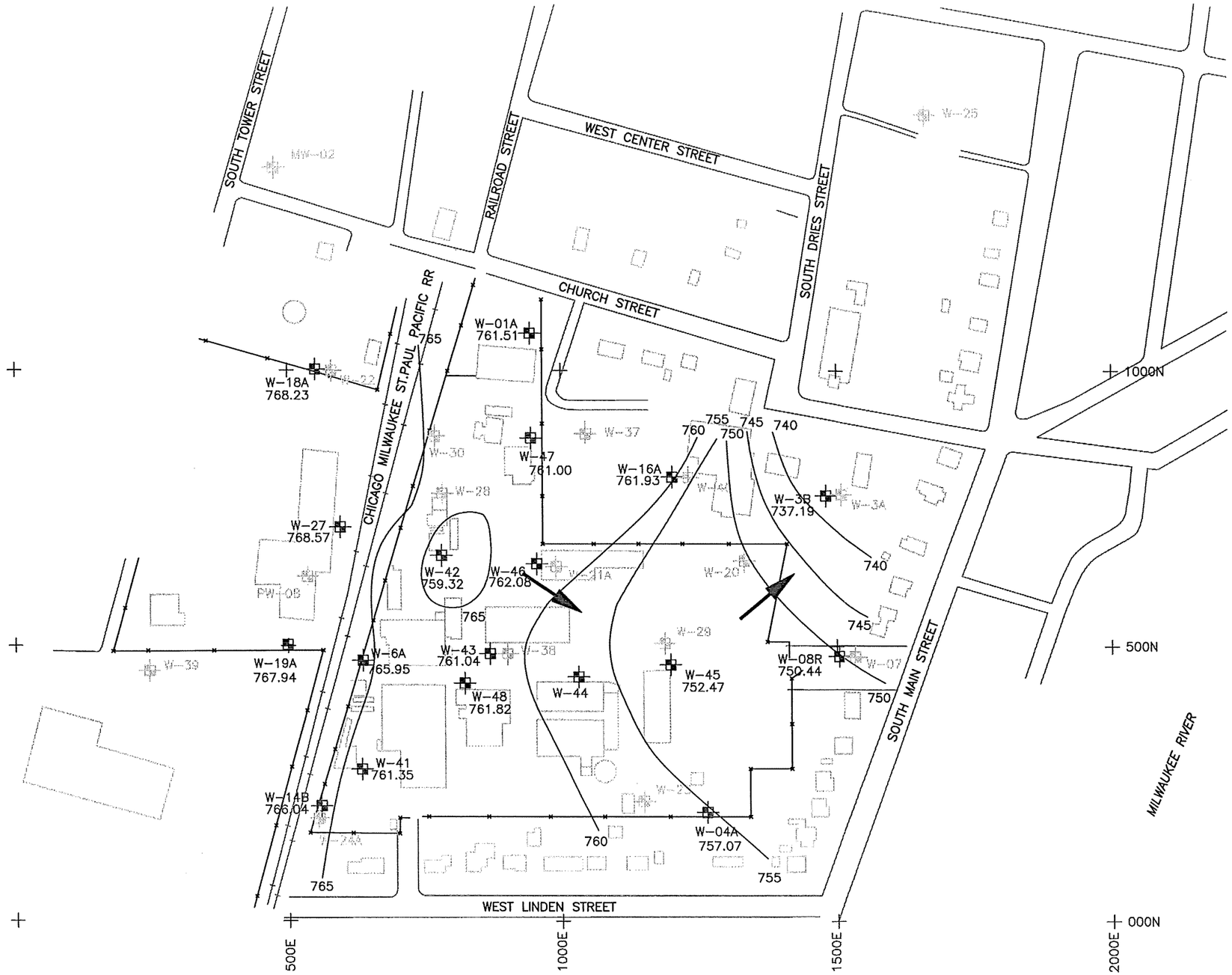
Project Name Cook Composites and Polymers - Saukville Date: 7/12-14/04

Project Number BA-0001-01 Samplers: KLK & HLV

WELL ID	Date	Time	TOC (msl)	Depth to Water (ft)	Water Level (msl)	Notes
W-1A	7/12/2004	1051	767.81	6.30	761.51	
W-3A	7/12/2004	1124	768.30	32.05	736.25	
W-3B	7/12/2004	1118	769.40	32.21	737.19	
W-4A	7/12/2004	1347	766.69	9.62	757.07	
W-6A	7/12/2004	1339	770.55	4.60	765.95	
W-7	7/12/2004	1106	758.31	10.71	747.60	
W-8R	7/12/2004	1107	758.69	8.25	750.44	
W-14B	7/12/2004	1333	772.25	6.21	766.04	
W-16A	7/12/2004	1058	767.87	5.94	761.93	
W-18A	7/12/2004	1251	772.40	4.17	768.23	
W-19A	7/12/2004	1243	774.68	6.74	767.94	
W-20	7/12/2004	1356	767.07	34.19	732.88	
W-21A	7/12/2004	1421	765.14	28.81	736.33	
W-22	7/12/2004	1252	774.03	12.82	761.21	
W-23	7/12/2004	1344	767.05	27.11	739.94	
W-24A	7/12/2004		765.79			3
W-25	7/12/2004		766.00			1
W-27	7/12/2004	1254	775.01	6.44	768.57	
W-28	7/12/2004	1323	766.51	69.32	697.19	
W-29	7/12/2004		759.94			2
W-30	7/12/2004	1438	771.64	195.00	576.64	
W-37	7/12/2004		761.17			1
W-38	7/12/2004	1405	767.85	15.82	752.03	
W-39	7/12/2004	1235	781.52	21.60	759.92	
W-40	7/12/2004	1056	767.59	22.49	745.10	
W-41	7/12/2004	1336	772.38	11.03	761.35	
W-42	7/12/2004	1435	773.33	14.01	759.32	
W-43	7/12/2004	1406	768.25	7.21	761.04	
W-44	7/12/2004		768.65			4
W-45	7/12/2004	1444	766.10	13.63	752.47	
W-46	7/12/2004	1429	765.60	3.52	762.08	
W-47	7/12/2004	1449	770.62	9.62	761.00	
W-48	7/12/2004	1410	772.84	11.02	761.82	
MW-1	7/13/2004	1130	766.00	84.00	682.00	
MW-2	7/13/2004	1145	774.03	185.00	589.03	
MW-3	7/13/2004	1115	756.00	215.00	541.00	
MW-4	7/13/2004	1150	771.00	110.00	661.00	
PW-08	7/12/2004	1240	774.86	45.31	729.55	

NOTES: 1. W-25 and W-37 abandoned
2. W-29 re-constructed without access for water level measurements
3. W-24A wellhead under water in manhole, needs repair
4. W-44 buried beneath drums of product

FIGURES



LEGEND

- BUILDING
- ROAD
- FENCE
- RAILROAD
- WATERLINE
- W-18A — MONITORING WELL LOCATION AND NUMBER
- 740 — WATER TABLE CONTOUR
- GROUNDWATER DIRECTIONAL FLOW ARROW
- CONTOUR INTERVAL = 5 FEET

NOTES

1. BASE MAP WAS DEVELOPED FROM DRAWINGS PROVIDED BY RMT, INC..
2. W-37 WAS ABANDONED AUGUST 2, 1996.
3. W-25 WAS ABANDONED JULY 29, 1997.

N

SCALE : 1 INCH = 200 FEET

0 200' 400'

REV	DESCRIPTION OF REVISION	BY	DATE

ELM Consulting, LLC
330 East Kilbourn Ave., Suite 827
Milwaukee, Wisconsin 53202

WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

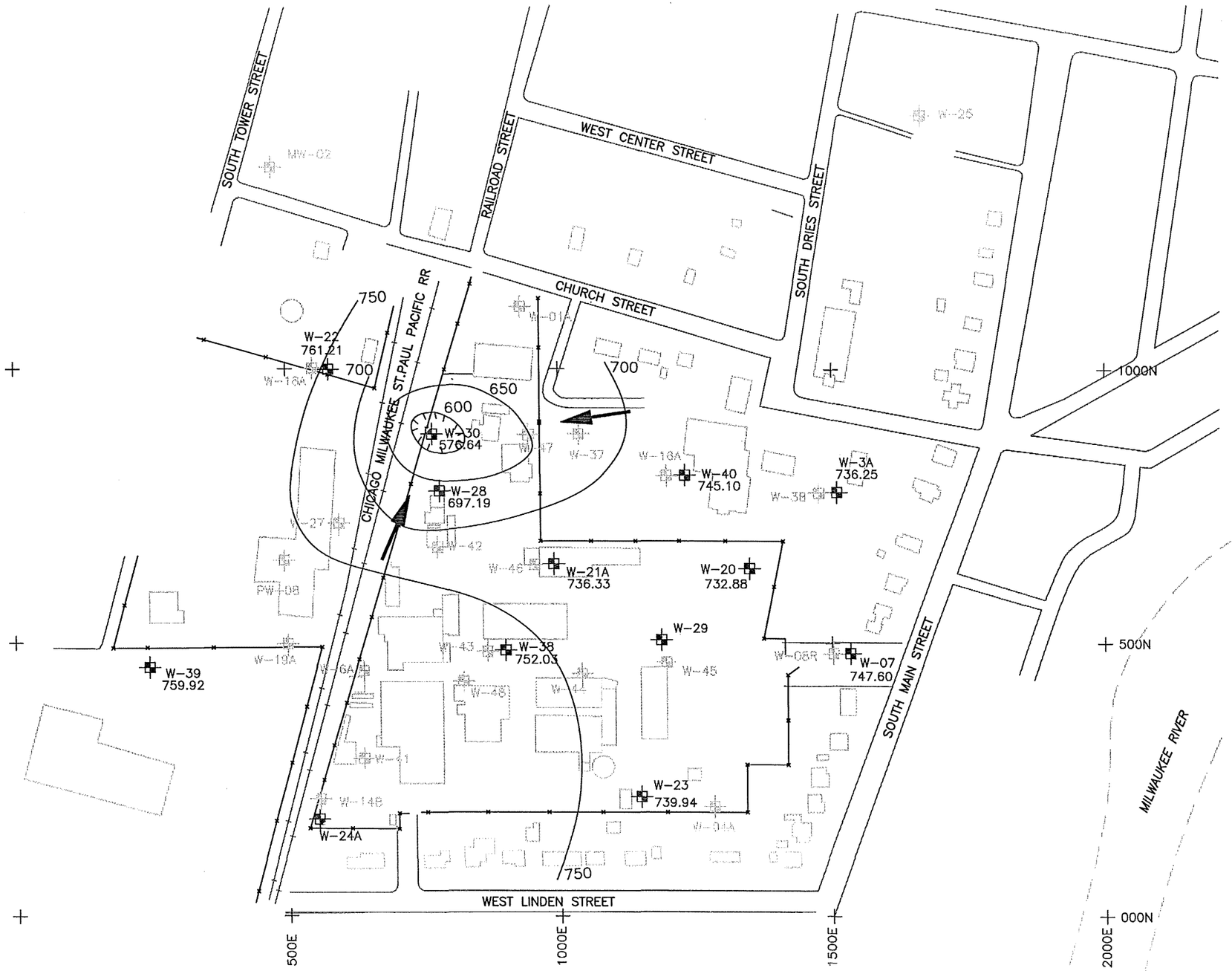
DESIGNED	RAC
DRAWN	WCW
CHECKED	
PEER REVIEWED	
PROJECT MANAGER	RAC
DATE	28OCT04

WATER TABLE MAP
GLACIAL DRIFT – SUMMER 2004

COOK COMPOSITES AND POLYMERS
GROUNDWATER MONITORING PROGRAM
SAUKVILLE, WISCONSIN

REVISION	
PROJECT	48362.001
FIGURE	1
SHEET	1 OF 2

P:\URS\48362.004 CCP GW 2002\SUMMER\FIG-1.DWG



LEGEND

- BUILDING
- ROAD
- FENCE
- RAILROAD
- WATERLINE
- W-18A — MONITORING WELL LOCATION AND NUMBER
- —700— POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER DIRECTIONAL FLOW ARROW

CONTOUR INTERVAL = 50 FEET

NOTES

1. BASE MAP WAS DEVELOPED FROM DRAWINGS PROVIDED BY RMT, INC..
2. W-37 WAS ABANDONED AUGUST 2, 1996.
3. W-25 WAS ABANDONED JULY 29, 1997.

N

SCALE : 1 INCH = 200 FEET

0 200' 400'

REV	DESCRIPTION OF REVISION	BY	DATE

ELM Consulting, LLC
330 East Kilbourn Ave., Suite 827
Milwaukee, Wisconsin 53202

WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

DESIGNED	RAC
DRAWN	MAS/LS
CHECKED	
PEER REVIEWED	
PROJECT MANAGER	RAC
DATE	05AUG02

POTENTIOMETRIC SURFACE MAP
SHALLOW DOLOMITE – SUMMER 2004

COOK COMPOSITES AND POLYMERS
GROUNDWATER MONITORING PROGRAM
SAUKVILLE, WISCONSIN

REVISION	
PROJECT	BA-0001-01
FIGURE	2
SHEET	2 OF 2

P:\URS\45302.004 CCP GW 2002\SUMMER\FIG2.DWG

APPENDIX A

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	MW-01	Well Diameter	10
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	766	Volume to Purge (gal)	5
Depth to Water (ft)	84.00	Volume Purged	5
Water Elevation (msl)	682.00	Purge Method	Tap
Bottom of Well (msl)	274	Disposal Method	Drain
Feet of Water (ft)	408.00		

Date	7/13/2004	DO	0.42	mg/L
Time	1130	pH	9.21	
Odor	None	Conductivity	0.634	ms/cm
Color	Clear	Temperature	12.7	C
Turbidity	10 NTU			

MW-1-04-3	3-40 ml	VOA	8260A	HCl	No
MW-1-MS-04-3	3-40 ml	VOA	8260A	HCl	No
MW-1-MSD-04-3	3-40 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	MW-02	Well Diameter	10
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	744.03	Volume to Purge (gal)	5
Depth to Water (ft)	185.00	Volume Purged	5
Water Elevation (msl)	589.03	Purge Method	Tap
Bottom of Well (msl)	480	Disposal Method	Drain
Feet of Water (ft)	109.03		

Date	7/13/2004	DO	1.01	mg/L
Time	1145	pH	8.77	
Odor	None	Conductivity	0.651	ms/cm
Color	Clear	Temperature	12.8	C
Turbidity	10 NTU			

MW-2-04-3	340 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	MW-03	Well Diameter	10
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	756	Volume to Purge (gal)	5
Depth to Water (ft)	215.00	Volume Purged	5
Water Elevation (msl)	541.00	Purge Method	Tap
Bottom of Well (msl)	256	Disposal Method	Drain
Feet of Water (ft)	285.00		

Date	7/13/2004	DO	1.31	mg/L
Time	1115	pH	9.01	
Odor	None	Conductivity	0.930	ms/cm
Color	Clear	Temperature	13.9	C
Turbidity	10 NTU			

MW-3-04-3	3-40 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	MW-04	Well Diameter	10
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	771	Volume to Purge (gal)	5
Depth to Water (ft)	110.00	Volume Purged	5
Water Elevation (msl)	661.00	Purge Method	Tap
Bottom of Well (msl)	296	Disposal Method	Drain
Feet of Water (ft)	365.00		

Date	7/13/2004	DO	0.41	mg/L
Time	1150	pH	8.69	
Odor	None	Conductivity	0.631	ms/cm
Color	Clear	Temperature	11.4	C
Turbidity	10 NTU			

MW-4-04-3	3-40 ml	VOA	8260A	HCl	No
DUP1-04-3	3-40 ml	VOA	8260A	HCl	No

ELM

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	RC-1	Well Diameter	NA
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/14/2004	DO	2.09	mg/L
Time	1150	pH	8.04	
Odor	None	Conductivity	2.16	ms/cm
Color	Rusty	Temperature	18.2	C
Turbidity	10 NTU			

RC-1-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	RC-2	Well Diameter	NA
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/14/2004	DO	2.73	mg/L
Time	1159	pH	8.07	
Odor	None	Conductivity	2.35	ms/cm
Color	Clear	Temperature	16.7	C
Turbidity	10 NTU			

RC-2-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	RC-3	Well Diameter	NA
Well Material	Steel	Sample Type	Steel

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/14/2004	DO	1.83	mg/L
Time	1145	pH	8.15	
Odor	Musty	Conductivity	1.40	ms/cm
Color	Orange	Temperature	19.9	C
Turbidity	322 NTU			

RC-3-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	POTW-I	Well Diameter	NA
Well Material	Wet Well	Sample Type	Wet Well

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/13/2004	DO	5.28	mg/L
Time	1235	pH	8.74	
Odor	Sewage	Conductivity	2.45	ms/cm
Color	Gray	Temperature	19.3	C
Turbidity	10 NTU			

POTW-I-04-3	3-40 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	POTW-E	Well Diameter	NA
Well Material	Contact Trough	Sample Type	Contact Trough

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/13/2004	DO	5.50	mg/L
Time	1240	pH	8.70	
Odor	None	Conductivity	3.11	ms/cm
Color	Clear	Temperature	20.0	C
Turbidity	10 NTU			

POTW-E-04-3	3-40 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	POTW-S	Well Diameter	NA
Well Material	Sampling Tap	Sample Type	Sampling Tap

Top of Casing (msl)	~	Volume to Purge (gal)	~
Depth to Water (ft)	~	Volume Purged	~
Water Elevation (msl)	~	Purge Method	~
Bottom of Well (msl)	~	Disposal Method	~
Feet of Water (ft)	~		

Date	7/13/2004	DO		mg/L
Time	1220	pH		
Odor	Sewage	Conductivity		ms/cm
Color	Black	Temperature		C
Turbidity		NTU		

POTW-S-04-3	3-40 ml	VOA	8260A	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-06A	Well Diameter	2
Well Material	PVC	Sample Type	PVC

Top of Casing (msl)	770.55	Volume to Purge (gal)	8.1
Depth to Water (ft)	4.60	Volume Purged	8 - Dry
Water Elevation (msl)	765.95	Purge Method	Bailer
Bottom of Well (msl)	753.45	Disposal Method	Drum
Feet of Water (ft)	12.50		

Date	7/13/2004	DO	2.90	mg/L
Time	1740	pH	8.45	
Odor	Strong	Conductivity	1.07	ms/cm
Color	Black-green	Temperature	17.9	C
Turbidity	10 NTU			

W-06A-04-3	3-40 ml	VOA	APP IX 8260A	HCl	No
W-06A-04-3	2-1L	Amber	APP IX 8270B	None	No
W-06A-04-3	1-250 ml	Plastic	7060/6010	HNO3	Yes

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-19A	Well Diameter	2
Well Material	PVC	Sample Type	PVC

Top of Casing (msl)	774.68	Volume to Purge (gal)	12.2
Depth to Water (ft)	6.74	Volume Purged	12
Water Elevation (msl)	767.94	Purge Method	Bailer
Bottom of Well (msl)	749.28	Disposal Method	Drum
Feet of Water (ft)	18.66		

Date	7/13/2004	DO	2.06	mg/L
Time	1440	pH	9.00	
Odor	None	Conductivity	0.758	ms/cm
Color	Silty, brown	Temperature	14.7	C
Turbidity	999 NTU			

W-19A-04-3	3-40 ml	VOA	8021	HCl	No
DUP2-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-41	Well Diameter	2
Well Material	PVC	Sample Type	PVC

Top of Casing (msl)	772.38	Volume to Purge (gal)	6.0
Depth to Water (ft)	11.03	Volume Purged	3.5 - Dry
Water Elevation (msl)	761.35	Purge Method	Bailer
Bottom of Well (msl)	752.11	Disposal Method	Drum
Feet of Water (ft)	9.24		

Date	7/14/2004	DO	3.34	mg/L
Time	1045	pH	8.55	
Odor	Sweet	Conductivity	1.12	ms/cm
Color	Clear	Temperature	15.0	C
Turbidity	10 NTU			

W-41-04-3	3-40 ml	VOA	8021	HCl	No
W-41-MS-04-3	3-40 ml	VOA	8021	HCl	No
W-41-MSD-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-42	Well Diameter	2
Well Material	SS	Sample Type	SS

Top of Casing (msl)	773.33	Volume to Purge (gal)	4.6
Depth to Water (ft)	14.01	Volume Purged	2 - Dry
Water Elevation (msl)	759.32	Purge Method	Bailer
Bottom of Well (msl)	752.34	Disposal Method	Drum
Feet of Water (ft)	6.98		

Date	7/13/2004		DO	1.62	mg/L
Time	1725		pH	8.23	
Odor	Strong		Conductivity	3.59	ms/cm
Color	Clear		Temperature	17.4	C
Turbidity	10	NTU			

W-42-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-43	Well Diameter	2
Well Material	SS	Sample Type	SS

Top of Casing (msl)	768.25	Volume to Purge (gal)	3.6
Depth to Water (ft)	7.21	Volume Purged	2 - Dry
Water Elevation (msl)	761.04	Purge Method	Bailer
Bottom of Well (msl)	755.58	Disposal Method	Drum
Feet of Water (ft)	5.46		

Date	7/14/2004	DO		mg/L
Time	1420	pH		
Odor		Conductivity		ms/cm
Color	Milky white	Temperature		C
Turbidity		NTU		

W-43-04-3	3-40 ml	VOA	APP IX 8260A	HCl	No
W-43-04-3	2-1L	Amber	APP IX 8270B	None	No
W-43-04-3	1-250 ml	Plastic	7060/6010	HNO3	Yes

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-47	Well Diameter	2
Well Material	SS	Sample Type	SS

Top of Casing (msl)	770.62	Volume to Purge (gal)	4.1
Depth to Water (ft)	9.62	Volume Purged	4
Water Elevation (msl)	761.00	Purge Method	Peristaltic
Bottom of Well (msl)	754.77	Disposal Method	Drum
Feet of Water (ft)	6.23		

Date	7/13/2004	DO	0.32	mg/L
Time	1540	pH	7.97	
Odor	Strong	Conductivity	3.91	ms/cm
Color	Yellow	Temperature	17.2	C
Turbidity	94 NTU			

W-47-04-3	3-40 ml	VOA	APP IX 8260A	HCl	No
W-47-04-3	2-1L	Amber	APP IX 8270B	None	No
W-47-04-3	1-250 ml	Plastic	7060/6010	HNO3	Yes
W-47-04-3	2-1L	Amber	8081	None	Yes
DUP4-04-3	2-1L	Amber	8081	None	Yes
W-47-MS-04-3	2-1L	Amber	8081	None	Yes

W-47-MSD-04-3	2-1L	Amber	8081	None	Yes

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-21A	Well Diameter	4
Well Material	Iron	Sample Type	Iron

Top of Casing (msl)	765.14	Volume to Purge (gal)	until stable
Depth to Water (ft)	28.81	Volume Purged	
Water Elevation (msl)	736.33	Purge Method	Tap
Bottom of Well (msl)	685.14	Disposal Method	Drum
Feet of Water (ft)	51.19		

Date		DO	mg/L
Time		pH	
Odor		Conductivity	ms/cm
Color		Temperature	C
Turbidity	NTU		

Well being repaired.

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-24A	Well Diameter	4
Well Material	Iron	Sample Type	Iron

Top of Casing (msl)	765.79	Volume to Purge (gal)	until stable
Depth to Water (ft)	0.00	Volume Purged	
Water Elevation (msl)	0.00	Purge Method	Tap
Bottom of Well (msl)	680.79	Disposal Method	Drum
Feet of Water (ft)	-680.79		

Date		DO		mg/L
Time		pH		
Odor		Conductivity		ms/cm
Color		Temperature		C
Turbidity		NTU		

Well being repaired.

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-28	Well Diameter	4
Well Material	Iron	Sample Type	Iron

Top of Casing (msl)	766.51	Volume to Purge (gal)	until stable
Depth to Water (ft)	69.32	Volume Purged	
Water Elevation (msl)	697.19	Purge Method	Tap
Bottom of Well (msl)	676.01	Disposal Method	Drum
Feet of Water (ft)	21.18		

Date		DO	mg/L
Time		pH	
Odor		Conductivity	ms/cm
Color		Temperature	C
Turbidity	NTU		

Well being repaired.

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-38	Well Diameter	6
Well Material	SS	Sample Type	SS

Top of Casing (msl)	767.85	Volume to Purge (gal)	until stable
Depth to Water (ft)	15.82	Volume Purged	15
Water Elevation (msl)	752.03	Purge Method	Pump
Bottom of Well (msl)	721.07	Disposal Method	Drum
Feet of Water (ft)	30.96		

Date	7/14/2004	DO	10.43	mg/L
Time	0855	pH	7.64	
Odor	None	Conductivity	0.002	ms/cm
Color	Clear	Temperature	21.4	C
Turbidity	999 NTU			

W-38-04-3	3-40 ml	VOA	8021	HCl	No

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-29	Well Diameter	4
Well Material	Iron	Sample Type	Iron

Top of Casing (msl)	759.94	Volume to Purge (gal)	until stable
Depth to Water (ft)	0.00	Volume Purged	10
Water Elevation (msl)	0.00	Purge Method	Tap
Bottom of Well (msl)	677.94	Disposal Method	Drum
Feet of Water (ft)	-677.94		

Date	7/14/2004	DO	9.39	mg/L
Time	0926	pH	8.67	
Odor	None	Conductivity	0	ms/cm
Color	Clear	Temperature	23.2	C
Turbidity	10 NTU			

W-29-04-3	3-40 ml	VOA	APP IX 8260A	HCl	No
W-29-04-3	2-1L	Amber	APP IX 8270B	None	No
W-29-04-3	1-250 ml	Plastic	7060/6010	HNO3	Yes

GROUNDWATER SAMPLING

Project Name	CCP-Saukville	Project Number	BA-0001-01
Sample Location	W-30	Well Diameter	13
Well Material	Iron	Sample Type	Iron

Top of Casing (msl)	771.64	Volume to Purge (gal)	~
Depth to Water (ft)	195.00	Volume Purged	~
Water Elevation (msl)	576.64	Purge Method	Tap
Bottom of Well (msl)	215.64	Disposal Method	Drain
Feet of Water (ft)	361.00		

Date	7/14/2004	DO	2.57	mg/L
Time	1530	pH	8.86	
Odor	None	Conductivity	0.604	ms/cm
Color	Clear	Temperature	14.3	C
Turbidity	10 NTU			

W-30-04-3	3-40 ml	VOA	APP IX 8260A	HCl	No
W-30-04-3	2-1L	Amber	APP IX 8270B	None	No
W-30-04-3	1-250 ml	Plastic	7060/6010	HNO3	Yes
DUP3-04-3	2-1L	Amber	APP IX 8270B	None	No

APPENDIX B

The analytical testing was performed by EnChem Laboratory (WDNR Lab ID #113172950), Madison, Wisconsin, using EPA SW-846 Method 8260B for volatile organic compounds, Method 8270B for semi-volatile organic compounds, Method 8082 for polychlorinated biphenyls, and Method 6020 for arsenic and barium.

LABORATORY AND DATA VALIDATION QUALIFIERS

The following qualifiers were used to denote quality control comments as indicated:

- Q The analyte has been detected between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- N Spiked sample recovery not within control limits.
- * Precision not within control limits.
- & Laboratory Control Spike not within control limits.

REPORTING LIMITS

The nominal reporting limits for undiluted sample analyses are presented in the following tables. Samples that were diluted during analysis, due to high concentrations or interferences, are indicated on the analysis reports. The dilution factor for analytes performed at a secondary dilution are footnoted at the bottom of the reports. These analytes are qualified with a "D".

The reporting limits for diluted samples/analytes are calculated by multiplying the standard reporting limit by the dilution factor for the specific analyte.

SDG Narrative

Name ELM CONSULTING
Client Project Name CCP - SAUKVILLE
Client Project#
Project Coordinator Tod Noltemeyer
SDG 848771
LabSection VOA

Lab Number	SampleID	Collect Date	Received	Matrix
848771-001	POTW-1-04-3	07/13/04	07/15/04	WATER
848771-002	POTW-E-04-3	07/13/04	07/15/04	WATER
848771-003	POTW-S-04-3	07/13/04	07/15/04	SLUDGE
848771-004	MW-01-04-3	07/13/04	07/15/04	WATER
848771-005	MW-02-04-3	07/13/04	07/15/04	WATER
848771-006	MW-03-04-3	07/13/04	07/15/04	WATER
848771-007	MW-04-04-3	07/13/04	07/15/04	WATER
848771-008	MW-01-04-3MS	07/13/04	07/15/04	WATER
848771-009	MW-01-04-3MSD	07/13/04	07/15/04	WATER
848771-010	W-19A-04-3	07/13/04	07/15/04	WATER
848771-011	W-30-04-3	07/13/04	07/15/04	WATER
848771-012	W-47-04-3	07/13/04	07/15/04	WATER
848771-013	W-06A-04-3	07/13/04	07/15/04	WATER
848771-014	W-42-04-3	07/13/04	07/15/04	WATER
848771-019	DUP1-04-3	07/13/04	07/15/04	WATER
848771-020	DUP2-04-3	07/13/04	07/15/04	WATER
848771-021	TRIP BLANK	07/13/04	07/15/04	WATER
848771-022	MB1848771			WATER
848771-023	MB2848771			WATER
848836-001	W-38-04-3	07/14/04	07/16/04	WATER
848836-002	W-29-04-3	07/14/04	07/16/04	WATER
848836-003	W-41-04-3	07/14/04	07/16/04	WATER
848836-004	W-41-04-3MS	07/14/04	07/16/04	WATER
848836-005	W-41-04-3MSD	07/14/04	07/16/04	WATER
848836-006	RC-1-04-3	07/14/04	07/16/04	WATER
848836-007	RC-2-04-3	07/14/04	07/16/04	WATER
848836-008	RC-3-04-3	07/14/04	07/16/04	WATER
848836-009	W-43-04-3	07/14/04	07/16/04	WATER
848836-010	TRIP BLANK	07/14/04	07/16/04	WATER

EN CHEM, INC
CASE NARRATIVE - VOLATILE ORGANIC COMPOUND ANALYSIS

Lab Report Number (SDG): 848771
Client: ELM CONSULTING
Project Name: CCP Saukville
Project Number:

1. RECEIPT

No exceptions were encountered unless stated so on a Non-conformance Memo and/or a communication form.

2. HOLDING TIMES

- **A.** **EnCore Preservation:** Not Applicable.
- **B.** **Sample Preparation:** All method-holding times were met.
- **C.** **Sample Analysis:** All method-holding times were met.

3. METHOD

Preparation: SW-846 5030B
Analysis: SW-846 8260B

4. PREPARATION

Sample preparation proceeded normally.

5. ANALYSIS

- **A.** **Calibration:**
  1. **GC/MS Tune:** All method acceptance criteria were met.
  2. **Initial verification:** All method acceptance criteria were met. Acetone, Vinyl Acetate, 2-Butanone, 2-Hexanone, Trans-1,4-Dichloro-2-Butene, and Propionitrile had the initial calibration between 5 – 200 ppb. Acetonitrile was quantified using a linear curve.
  3. **Continuing verification:** All method acceptance criteria were met.
- **B.** **Blanks:**
  1. **Extraction:** All in-house acceptance criteria were met.
  2. **Method:** All in-house acceptance criteria were met for both method blanks.
- **C.** **Surrogates:** All surrogate recoveries were within the in-house generated control.
- **D.** **Spikes:**
  1. **Lab Control Spike / Duplicate (BS/BD):** All in-house and advisory accuracy and precision criteria were met for both sets of control spikes.
  2. **Matrix Spike / Duplicate (MS/MSD):** Sample MW-01-04-3 was designated as the MS/MSD for the Appendix IX list for this SDG. All in-house and advisory accuracy and precision criteria were met with the following exceptions. Styrene was outside the control limits in the MS. Acetone was outside the control limits in the MSD. The parent sample is flagged with the "N" data qualifier. The precision criteria were not met for Styrene. The parent sample is flagged with the "*" data qualifier. Sample W-41-04-3 was designated as the MS/MSD for the short client list for this SDG. The accuracy and precision criteria were met with the following exceptions. M-P-xylene was outside the control limits in both the MS/MSD. The parent sample is flagged with the "N" data qualifier. The sludge sample did not have a matrix spike / matrix spike duplicate associated to this SDG.
- **E.** **Internal Standards:** All in-house acceptance criteria were met except.
- **F.** **Samples:** Sample analyses proceeded normally.
- **G.** **Dilutions:** Sample POTW-S-04-3 was diluted 50X per method requirements.

Sample ID	Reason for dilution
W-41-04-3	To bring target compounds within linear range of instrument
W-41-04-3MS/MSD	To bring target compounds within linear range of instrument
RC-2-04-3	To bring target compounds within linear range of instrument
W-29-04-3	To bring target compounds within linear range of instrument
W-47-04-3	To bring target compounds within linear range of instrument
W-42-04-3	To bring target compounds within linear range of instrument

	W-38-04-3	To bring target compounds within linear range of instrument
	W-43-04-3	To bring target compounds within linear range of instrument
	W-06A-04-3	To bring target compounds within linear range of instrument
	RC-3-04-3	To bring target compounds within linear range of instrument

H. **Reanalysis:** Not applicable.

I. **Comments:** None

I certify that this data package is in compliance with the terms and conditions agreed to by **En Chem, Inc.** and by the client, both technically and for completeness, except for 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:

Signed: Linda Webb Gray Date: 08/03/04

Name: Linda Webb Gray Position: QA Auditor

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
J	Organic	Concentration detected is greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

En Chem Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	848771-001	848771-002	848771-003	848771-004	848771-005	848771-006	848771-007	848771-008	848771-009	848771-010	848771-011	848771-012	848771-013	848771-014	848771-015	848771-016	848771-017	848771-018	848771-019	848771-020	848771-021	848771-022	848771-023	848836-001	848836-002	848836-003
ARSENIC - DISSOLVED											K	K	K		K										K	
BARIUM - DISSOLVED											K	K	K		K										K	
PCB												K				K	K	K								
PERCENT SOLIDS			G																							
SEMIVOLATILES - APPENDIX 9 LIST											K	K	K		K										K	
VOLATILES - SPECIAL LIST	G	G	G	G	G	G	G	G	G	G	G	G	G	G					G	G	G	G	G	G	G	G

Test Group Name	848836-004	848836-005	848836-006	848836-007	848836-008	848836-009	848836-010
ARSENIC - DISSOLVED						K	
BARIUM - DISSOLVED						K	
SEMIVOLATILES - APPENDIX 9 LIST						K	
VOLATILES - SPECIAL LIST	G	G	G	G	G	G	G

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105 000444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	

please mail electronic data download with report.

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY · № 123044

Page ____ of ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number: ____
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kofhamm / Heidi Vogel
PO #: ____

Quote #: ____
Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: - Same -
Company: ____
Address: ____
Mail Invoice To: ____

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, BOWA, NPDES, CERCLA
Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: VOCs 8021	VOCs 8260	Appx IX 8270	7060/6010-MRP	8081	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	POTW-I-04-3	7/13	1235	W	N	B	X					X			3-40ml
002	POTW-E-04-3		1240		N	B	X					X			
003	POTW-S-043		1220		N	B	X					X		unpreserved	
004	MW-01-04-3		1130		N	A	X					X			
005	MW-0204-3		1145		Y	IR	X								
006	MW-03-043		1115		N	A	X					X			
007	MW-04-04-3		1150		N	A	X					X			
008	MW-01-MS-04-3		1150		N	A	X					X			
009	MW-01-MSD-04-3		1130		N	A	X					X			
010	W-19A-04-3		1410	X											
011	W-30-04-3		1530				X	X	X						2-1l amber; 1-500ml
012	W-47-04-3		1540				X	X	X	X					4-1l amber

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ____
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #: ____
Fax #: ____
E-Mail Address: ____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 8:00pm	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 8:25

En Chem Project No.: 848771
Sample Receipt Temp.: 10 L
Sample Receipt pH (Metals): OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

please include electronic data deliverable with report

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123048

Page ____ of ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K Kopplemann / H. Vigil
PO #:

Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 8
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

*Preservation Codes: A=None, B=HCl, C=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Appx IX 8260A	Appx IX 8270B	7060/6010	8021	8021	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	W-06A-04-3	7/13	1740	W	N	B	X	X	X				6		2-1 liter; 1-500ml P; 3-40ml
014	W-42-04-3		1725		N	A				X			3		3-40 ml
015	Dup3-04-3				Y	D		X	X				3		2-1 liter; 1-500ml P
016	Dup4-04-3				N	B					X		2		2-1 liter
017	W-47-MS-04-3		1540		N	A					X		2		↓
018	W-47-MSD-04-3		1540		N	A					X		2		↓
019	Dup1-04-3				N	B						X	3		3-40ml
020	Dup2-04-3				N	A				X			3		↓
021	Trip Blank				N	B						X	4		5-40ml H2O bottles

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 8:20	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 1:45

En Chem Project No. 248771
Sample Receipt Temp. 10.0 C
Sample Receipt pH (Preservation) OK
Cooler Custody Seal Present (Not Present)
Intact / Not Intact

Version 4.0: 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848771

Project Name or ID CCP - Saunville No. of Coolers: 2 Temps: ROI.

A. Receipt Phase: Date cooler was opened: 7/15/04 By: D. Mueller

1: Were samples received on ice? (Must be ≤ 6 C)	(YES)	NO[2]	NA
2. Was there a Temperature Blank?	(YES)	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	(NO)	
4: Are COC documents present?	(YES)	NO[2]	
5: Does this Project require quick turn around analysis?	YES	(NO)	
6: Is there any sub-work?	YES	(NO)	
7: Are there any short hold time tests?	(YES)	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	(NO)	Contacted by/Who_____
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	(NO)	Contacted by/Who_____

B. Check-In Phase: Date samples were Checked-In: 7/15/04 By: D. Mueller

1: Were all sample containers listed on the COC received and intact?	(YES)	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	(YES)	NO	
3: Do sample labels match the COC?	(YES)	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO[2]	NA
6: Are dissolved parameters field filtered?	(YES)	NO[2]	NA
7: Are sample volumes adequate for tests requested?	(YES)	NO[2]	
8: Are VOC samples free of bubbles >6mm	(YES)	NO[2]	NA
9: Enter samples into logbook. Completed	(YES)	NO	
10: Place laboratory sample number on all containers and COC. Completed	(YES)	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	(NA)
12: Start Nonconformance form.	YES	NO	(NA)
13: Initiate Subcontracting procedure. Completed	YES	NO	(NA)
14: Check laboratory sample number on all containers and COC.	(YES)	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- All	
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	2 Complete nonconformance memo.
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date_____

p:/everyone/forms/samplereceiving/crl.doc

(Please Print Legibly)
Company Name: ELM
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamm / H. Vogl
PO #:

EN CHEM INC
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123047

Page 1 of 1
Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water S=Soil A=Air C=Charcoal B=Biota SL=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: 8021	APX 1X 8260A	APX 1X 8270B	7060 | 6010	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	W-38-04-3	7/14	0855	W	N	B	X				3		3-40mlB
002	W-29-04-3		0920		N	B		X	X	X	6		1-500mlD 2-AmberA
003	W-41-04-3		1045		N	A	X				3		
004	W-41-MS-04-3		↓		N	A	X				3		2-40mlB 1-Broken in shipment
005	W-41-MSD-04-3		↓		N	A	X				3		3-40mlB
006	RC-1-04-3		1150		N	A	X				3		
007	RC-2-04-3		1159		N	A	X				3		
008	RC-3-04-3	↓	1405	↓	N	A	X				3		
009	W-43-04-3		1480		Y	D		X	X	X	6		1-500mlD 2-AmberA
010	Trip Blank										* Added TVOC by LAB		7-40mlB HCl TBLK 7/16/04 GP

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/15/04		7/15/04 1215
	7/15/04		
			7/16/04 0805

En Chem Project No.: 848836
Sample Receipt Temp.: 2.0°C
Sample Receipt pH: OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848836

Project Name or ID CCP - SANKVILLE No. of Coolers: 1 Temps: RBT

A. Receipt Phase: Date cooler was opened: 7/16/04 By: GD

1: Were samples received on ice? (Must be ≤ 6 C)	YES	NO[2]	NA	
2. Was there a Temperature Blank?	YES	NO		
3: Were custody seals present and intact on cooler? (Record on COC)	YES	NO		
4: Are COC documents present?	YES	NO[2]		
5: Does this Project require quick turn around analysis?	YES	NO		
6: Is there any sub-work?	YES	NO		
7: Are there any short hold time tests?	YES	NO		
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	NO	Contacted by/Who	
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	NO	Contacted by/Who	

B. Check-In Phase: Date samples were Checked-In: 7/16/04 By: GD

1: Were all sample containers listed on the COC received and intact?	YES	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	YES	NO	
3: Do sample labels match the COC?	YES	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
6: Are dissolved parameters field filtered?	YES	NO[2]	NA
7: Are sample volumes adequate for tests requested?	YES	NO[2]	
8: Are VOC samples free of bubbles >6mm	YES	NO[2]	NA
9: Enter samples into logbook. Completed	YES	NO	
10: Place laboratory sample number on all containers and COC. Completed	YES	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	NA
12: Start Nonconformance form.	YES	NO	NA
13: Initiate Subcontracting procedure. Completed	YES	NO	NA
14: Check laboratory sample number on all containers and COC. KB	YES	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :

Report Date : 08/03/04

Percent Solids

Prep Method : SM 2540G M

Analysis Method : SM 2540G M

Lab Number	Field ID	Matrix	Result	LOD	LOQ	EQL	Dil	Units	Code	Anl Date	Collected
848771-003	POTW-S-04-3	SLUDGE	4.54				1	%		07/23/04	07/13/04

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : POTW-1-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-001

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	7.2	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	1.2	0.95	3.2		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	75	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	0.73	0.37	1.2		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	110	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	0.87	0.67	2.2		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	11	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : POTW-E-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-002

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	15	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : POTW-S-04-3

Matrix Type : SLUDGE
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-003

VOLATILES - SPECIAL LIST

Prep Date: 07/21/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 50	50	120		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
2-Butanone	< 72	72	170		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
2-Hexanone	< 62	62	150		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 26	26	64		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Acetone	< 57	57	140		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Toluene	720	550	1300		50	ug/kg	Q	07/21/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 50	50	120		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B
Xylene, Total	< 75	75	180		50	ug/kg		07/21/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : MW-01-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-004

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L	N	07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L	N*	07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : MW-02-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-005

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	3.3	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : MW-03-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-006

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : MW-04-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-007

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-19A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-010

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-011

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetonitrile	< 3.3	3.3	11		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrolein	< 10	10	33		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 1.3	1.3	4.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 2.0	2.0	6.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	3.3	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroprene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 0.80	0.80	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Iodomethane	< 0.63	0.63	2.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Isobutanol	< 3.9	3.9	13		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Propionitrile	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-011

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	5.1	2.6	8.7		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-012

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 180	180	610		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 180	180	600		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 40	40	130		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 84	84	280		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 150	150	500		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 110	110	380		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 200	200	660		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 170	170	580		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 110	110	370		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 72	72	240		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 92	92	310		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Butanone	< 860	860	2900		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Hexanone	< 220	220	730		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 240	240	800		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetone	< 440	440	1500		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetonitrile	< 660	660	2200		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrolein	< 2000	2000	6700		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 260	260	870		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 400	400	1300		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene	180	82	270		200	ug/L	Q	07/20/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 110	110	370		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromoform	< 190	190	630		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromomethane	< 180	180	610		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 130	130	440		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 98	98	330		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 82	82	270		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 160	160	540		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroethane	< 190	190	650		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroform	< 74	74	250		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloromethane	< 48	48	160		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroprene	< 130	130	450		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 38	38	130		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dibromomethane	< 120	120	400		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 200	200	660		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 160	160	530		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene	5700	110	360		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 160	160	530		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Iodomethane	< 130	130	420		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Isobutanol	< 780	780	2600		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 240	240	800		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 220	220	730		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 86	86	290		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Propionitrile	< 320	320	1100		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Styrene	< 170	170	570		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 90	90	300		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	6200	130	450		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 180	180	590		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 38	38	130		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 220	220	730		200	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-012

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	<	96	96	320		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Vinyl Acetate	<	320	320	1100		200	ug/L	&	07/20/04	SW846 5030B	SW846 8260B
Vinyl Chloride	<	36	36	120		200	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		81000	520	1700		200	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-013

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 370	370	1200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 360	360	1200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 80	80	270		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 170	170	560		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 300	300	1000		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 230	230	760		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 400	400	1300		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 350	350	1200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 220	220	750		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 140	140	480		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 180	180	610		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Butanone	< 1700	1700	5700		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Hexanone	< 440	440	1500		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 480	480	1600		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetone	< 880	880	2900		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetonitrile	< 1300	1300	4400		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrolein	< 4000	4000	13000		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 520	520	1700		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 800	800	2700		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene	420	160	550		400	ug/L	Q	07/20/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 220	220	750		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromoform	< 380	380	1300		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromomethane	< 360	360	1200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 260	260	880		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 200	200	650		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 160	160	550		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 320	320	1100		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroethane	< 390	390	1300		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroform	< 150	150	490		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloromethane	< 96	96	320		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroprene	< 270	270	890		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 76	76	250		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dibromomethane	< 240	240	800		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 400	400	1300		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 320	320	1100		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene	20000	220	720		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 320	320	1100		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Iodomethane	< 250	250	840		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Isobutanol	< 1600	1600	5200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 480	480	1600		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 440	440	1500		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 170	170	570		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Propionitrile	< 640	640	2100		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Styrene	< 340	340	1100		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 180	180	600		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	49000	270	890		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 360	360	1200		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 76	76	250		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 440	440	1500		400	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-013

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	<	190	190	640		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Vinyl Acetate	<	640	640	2100		400	ug/L	&	07/20/04	SW846 5030B	SW846 8260B
Vinyl Chloride	<	72	72	240		400	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		88000	1000	3500		400	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-42-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-014

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	<	42	42	140		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	44	44	140		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	48	48	160		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene		420	20	68		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	<	20	20	68		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene		1400	27	90		50	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene		46	34	110		50	ug/L	Q	07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		12000	130	430		50	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP1-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-019

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetonitrile	< 3.3	3.3	11		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrolein	< 10	10	33		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 1.3	1.3	4.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 2.0	2.0	6.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroprene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 0.80	0.80	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Iodomethane	< 0.63	0.63	2.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Isobutanol	< 3.9	3.9	13		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Propionitrile	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP1-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-019

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP2-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-020

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 08/03/04
Lab Sample Number : 848771-021

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 1.4	1.4	4.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	0.83	0.43	1.4		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	< 2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-38-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-001

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	<	21	21	69		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	22	22	72		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	24	24	79		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene		4600	10	34		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	<	10	10	34		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene		90	14	45		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	<	17	17	56		25	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		3700	65	220		25	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-002

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 4.6	4.6	15		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 4.5	4.5	15		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	3.3		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.1	2.1	7.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 3.8	3.8	12		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.8	2.8	9.5		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 5.0	5.0	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 4.4	4.4	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 2.8	2.8	9.3		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.8	1.8	6.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.3	2.3	7.7		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Butanone	< 22	22	72		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Hexanone	< 5.5	5.5	18		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 6.0	6.0	20		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetone	< 11	11	37		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetonitrile	< 16	16	55		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrolein	< 50	50	170		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 6.5	6.5	22		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 10	10	33		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene	38	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.8	2.8	9.3		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromoform	< 4.7	4.7	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromomethane	< 4.6	4.6	15		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 3.3	3.3	11		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.4	2.4	8.2		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.0	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 4.1	4.1	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroethane	< 4.8	4.8	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroform	< 1.8	1.8	6.2		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloromethane	< 1.2	1.2	4.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroprene	< 3.4	3.4	11		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.95	0.95	3.2		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dibromomethane	< 3.0	3.0	10		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 5.0	5.0	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 4.0	4.0	13		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene	780	2.7	9.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 4.0	4.0	13		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Iodomethane	< 3.2	3.2	10		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Isobutanol	< 20	20	65		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 6.0	6.0	20		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 5.5	5.5	18		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.2	2.2	7.2		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Propionitrile	< 8.0	8.0	27		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Styrene	< 4.3	4.3	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 2.2	2.2	7.5		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	< 3.4	3.4	11		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 4.4	4.4	15		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.95	0.95	3.2		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 5.5	5.5	18		5	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-002

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	<	2.4	2.4	8.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Vinyl Acetate	<	8.0	8.0	27		5	ug/L	&	07/20/04	SW846 5030B	SW846 8260B
Vinyl Chloride		3.6	0.90	3.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		110	13	43		5	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-41-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-003

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	< 2.1	2.1	6.9		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 2.2	2.2	7.2		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 2.4	2.4	7.9		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene	3.1	1.0	3.4		2.5	ug/L	Q	07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	3.4		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.4	1.4	4.5		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	< 1.7	1.7	5.6		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total	690	6.5	22		2.5	ug/L		07/20/04	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : RC-1-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-006

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene		14	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene		9.6	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene		43	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total		310	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : RC-2-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-007

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	<	4.1	4.1	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	4.4	4.4	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	4.8	4.8	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene		83	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	<	2.0	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene		400	2.7	9.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene		46	3.4	11		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		580	13	43		5	ug/L		07/20/04	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : RC-3-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-008

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2-Dichlorobenzene	<	4.1	4.1	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	4.4	4.4	14		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	4.8	4.8	16		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene		9.9	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	<	2.0	2.0	6.8		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene		270	2.7	9.0		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene		76	3.4	11		5	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		1200	13	43		5	ug/L		07/20/04	SW846 5030B	SW846 8260B

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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-009

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 18	18	61		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 18	18	60		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 4.0	4.0	13		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 8.4	8.4	28		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 15	15	50		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 11	11	38		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 20	20	66		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 17	17	58		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 11	11	37		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 7.2	7.2	24		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 9.2	9.2	31		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Butanone	< 86	86	290		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
2-Hexanone	< 22	22	73		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 24	24	80		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetone	< 44	44	150		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acetonitrile	< 66	66	220		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrolein	< 200	200	670		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 26	26	87		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 40	40	130		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Benzene	57	8.2	27		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 11	11	37		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromoform	< 19	19	63		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Bromomethane	< 18	18	61		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 13	13	44		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 9.8	9.8	33		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 8.2	8.2	27		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 16	16	54		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroethane	< 19	19	65		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroform	< 7.4	7.4	25		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloromethane	< 4.8	4.8	16		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Chloroprene	< 13	13	45		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 3.8	3.8	13		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dibromomethane	< 12	12	40		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 20	20	66		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 16	16	53		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Ethylbenzene	3700	11	36		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 16	16	53		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Iodomethane	< 13	13	42		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Isobutanol	< 78	78	260		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 24	24	80		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 22	22	73		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Methylene Chloride	< 8.6	8.6	29		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Propionitrile	< 32	32	110		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Styrene	< 17	17	57		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 9.0	9.0	30		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Toluene	52	13	45		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 18	18	59		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 3.8	3.8	13		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 22	22	73		20	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-009

VOLATILES - SPECIAL LIST

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	<	9.6	9.6	32		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Vinyl Acetate	<	32	32	110		20	ug/L	&	07/20/04	SW846 5030B	SW846 8260B
Vinyl Chloride	<	3.6	3.6	12		20	ug/L		07/20/04	SW846 5030B	SW846 8260B
Xylene, Total		2000	52	170		20	ug/L		07/20/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-010

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Butanone	< 4.3	4.3	14		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
2-Hexanone	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetone	< 2.2	2.2	7.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acetonitrile	< 3.3	3.3	11		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrolein	< 10	10	33		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Acrylonitrile	< 1.3	1.3	4.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Allyl Chloride	< 2.0	2.0	6.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Disulfide	< 0.66	0.66	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Chloroprene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethyl Methacrylate	< 0.80	0.80	2.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Iodomethane	< 0.63	0.63	2.1		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Isobutanol	< 3.9	3.9	13		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methacrylonitrile	< 1.2	1.2	4.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methyl Methacrylate	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Methylene Chloride	0.67	0.43	1.4		1	ug/L	Q	07/19/04	SW846 5030B	SW846 8260B
Propionitrile	< 1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
trans-1,4-Dichloro-2-butene	< 1.1	1.1	3.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 08/03/04
Lab Sample Number : 848836-010

VOLATILES - SPECIAL LIST

Prep Date: 07/19/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Acetate	<	1.6	1.6	5.3		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/19/04	SW846 5030B	SW846 8260B
Xylene, Total	<	2.6	2.6	8.7		1	ug/L		07/19/04	SW846 5030B	SW846 8260B

SDG Narrative

Name ELM CONSULTING
Client Project Name CCP - SAUKVILLE
Client Project#
Project Coordinator Tod Noltemeyer
SDG 848771
LabSection BNA-K

Lab Number	SampleID	Collect Date	Received	Matrix
848771-011	W-30-04-3	07/13/04	07/15/04	WATER
848771-012	W-47-04-3	07/13/04	07/15/04	WATER
848771-013	W-06A-04-3	07/13/04	07/15/04	WATER
848771-015	DUP3-04-3	07/13/04	07/15/04	WATER
848836-002	W-29-04-3	07/14/04	07/16/04	WATER
848836-009	W-43-04-3	07/14/04	07/16/04	WATER

EN CHEM, INC.
CASE NARRATIVE - SEMIVOLATILE ORGANIC COMPOUND ANALYSIS

Lab Report Number (SDG): 848771
Client: ELM Consulting
Project Name: CCP Saukville
Project Number:

1. RECEIPT

The sample was received at or below 3°C.

2. HOLDING TIMES

A. **Sample Preparation:** All method-holding times were met.
B. **Sample Analysis:** All method-holding times were met.

3. METHOD

A. **Preparation:** SW846 3510C
B. **Analysis:** SW846 8270C

4. PREPARATION

Sample preparation proceeded normally.

5. ANALYSIS

A. **Calibration:**
   1. **GC/MS Tune:** All method acceptance criteria were met.
   2. **Initial verification:** All method acceptance criteria were met. (7/26/04) The 10-ppm standard was not included in the initial calibration for 4-Nitrophenol and Pentachlorophenol therefore the instrument calibration range for these analytes runs from 20 ppm to 160 ppm. (7/28/04) The 10-ppm standard was not included in the initial calibration for Benzidine therefore the instrument calibration range for this analyte runs from 20 ppm to 160 ppm. (7/29/04) Hexachlorophene and Kepone were calibrated between 50 and 160 ppm. The initial calibration criteria were not met for Kepone. The calibration was accepted based on historical data. This compound was not present in the samples. (8/11/04) The 10-ppm standard was not included in the initial calibration for Pentachlorophenol and di-n-Octylphthalate therefore the instrument calibration range for these analytes runs from 20 ppm to 160 ppm. The 160-ppm standard was not included in the initial calibration for 1,2-Dichlorobenzene, Hexachloroethene, and N-Nitroso-di-n-propylamine therefore the calibration range is between 20 – 120 ppm. (8/11/04) The 160-ppm standard was not included in the initial calibration for Ethyl Methacrylate therefore the calibration is between 20 – 120 ppm. (8/11/04) Hexachlorophene and Kepone were calibrated between 50 and 160 ppm. The initial calibration criteria were not met for Kepone. The calibration was accepted based on historical data. This compound was not present in the samples.
   3. **Continuing verification:** All method acceptance criteria were met.

B. **Blanks:**
   1. **Method:** All in-house acceptance criteria were met for SBLK73. The blank was analyzed under both curves both sets of data are included with this package.

C. **Surrogates:** All in-house acceptance criteria were met with the following exceptions. SBLK73, analyzed on 8/12/04, had 2 surrogate recoveries outside control limits. Corrective action was not taken since the blank had the surrogates within the control limits in the first analysis. Samples W-06A-04-3 and W-47-04-3 each had one surrogate recovery outside control limits. Samples W-29-04-3DL and W-43-04-3DL had three surrogate recoveries outside control criteria. Sample W-06-04-3DL had six surrogate recoveries outside the control criteria. The diluted samples were not re-extracted because the undiluted samples had the surrogates within the control criteria. Please note the laboratory Standard Operating Procedure (SOP) allows for 1 acid and/or 1 base neutral recovery to fall outside of the in-house generated control limits.

D. **Spikes:**
   1. **Lab Control Spike / Lab Control Spike Duplicate (LCS/LCSD):** The accuracy criteria were met for both the LCS and LCSD with the exception of 2,4-Dinitrophenol and 4-Aminobiphenyl. The samples are flagged with the "&" data qualifier. The precision criteria were met with the exception of Pyridine. The samples are flagged with the "*" data qualifier.

2. **Matrix Spike / Matrix Spike Duplicate (MS/MSD):** A MS/MSD pair was not assigned to this SDG.

E. **Internal Standards:** All in-house acceptance criteria were met with the following exceptions. Sample W-43-04-3 had three internal standards outside the control limits. The sample was reanalyzed at a dilution. The diluted analysis had one internal standard outside the control limits. Corrective action was not taken since there were matrix interferences. Sample W-47-04-3 had 4 internal standards outside the control limits. The sample was reanalyzed at a dilution. The diluted sample had all internal standards within the control limits.

F. **Samples:** Sample analyses proceeded normally.

G. **Dilutions:**

Sample ID	Reason for dilution
W-47-04-3	Diluted to bring 2,4-Dimethylphenol, 3&4-Methylphenol, and Acetophenone within the linear range of calibration. These compounds are reported with the "D" data qualifier.
W-06A-04-3	Diluted to bring 1,4-Dioxane, 2,4-Dimethylphenol, and 3&4-Methylphenol within the linear range of calibration. These compounds are reported with the "D" data qualifier.
W-29-04-3	Diluted to bring 1,4-Dioxane within linear range of calibration. This compound is reported with the "D" qualifier.
W-43-04-3	Diluted to bring Acetophenone within linear range of calibration. This compound is reported with the "D" qualifier.

H. **Reanalysis:** None required.

I. **Comments:**

I certify that this data package is in compliance with the terms and conditions agreed to by **En Chem, Inc.** and by the client, both technically and for completeness, except for 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 and in the computer-readable data submitted on diskette:

Signed: Linda Webb Gray Date: 09/01/04

Name: Linda Webb Gray Position: Quality Assurance Auditor

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
J	Organic	Concentration detected is greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

En Chem Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	848771-011	848771-012	848771-013	848771-015	848836-002	848836-009
ARSENIC - DISSOLVED	K	K	K	K	K	K
BARIUM - DISSOLVED	K	K	K	K	K	K
PCB		K				
SEMIVOLATILES - APPENDIX 9 LIST	K	K	K	K	K	K
VOLATILES - SPECIAL LIST	G	G	G		G	G

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105 000444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	

please include electronic data download with report.

EN CHEM INC
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123044

Page ____ of ____

Quote #: ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number: ____
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamer / Heidi Vogel
PO #: ____

Mail Report To: Bob Cigale
Company: ELM Consulting
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: - Same -
Company: ____
Address: ____
Mail Invoice To: ____

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, BOWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

*Preservation Codes: A=None, B=HCL, C=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: VOCs 8021	App IX VOCs 8260	App IX SVOCs 8270	7060/6010-Mn	8021	PAH 8270	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	POTW-I-04-3	7/13	1235	W	N	B	X					X				3-40ml
002	POTW-E-04-3		1240		N	B	X					X				
003	POTW-S-04-3		1220		N	A	X					X			unpreserved	
004	MW-01-04-3		1130		Y	B	X					X				
005	MW-02D4-3		1145		N	B	X									
006	MW-03-04-3		1115		N	B	X					X				
007	MW-04-04-3		1150		N	B	X					X				
008	MW-01-MS-04-3		1130		N	B	X					X				
009	MW-01-MSD-04-3		1130		N	B	X					X				
010	W-19A-04-3		1440	X												
011	W-30-04-3		1530		N	B	X	X	X							2-1l amb; 1-500ml
012	W-47-04-3		1540		N	B	X	X	X	X						4-1l amb

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ____
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #: ____
Fax #: ____
E-Mail Address: ____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 8:00	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 8:25

En Chem Project No. 848771
Sample Receipt Temp. 10 I
Sample Receipt pH (Volatiles) OK
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

please include electronic data download with report

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-5627

CHAIN OF CUSTODY № 123048

Page ____ of ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number: ____
Project Name: CCP - Saukville
Project State: WI
Sampled By (Print): K Kopfhamer / H. Vogt
PO #: ____

Quote #: ____
Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 8
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company: ____
Address: ____
Mail Invoice To: ____

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

*Preservation Codes: A=None, B=HCL, C=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: App IX 8260A	App IX 8270B	7060/6010	9081	8081	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
					N	B									
					N	A									
					Y	D									
					N	B									
					N	A									
013	W-06A-04-3	7/13	1740	W			X	X	X				6		2-1 liter; 1-500ml P; 3-40ml
014	W-42-04-3		1725							X			3		3-40 ml
015	Dup3-04-3							X	X				3		2-1 liter; 1-500ml P
016	Dup4-04-3										X		2		2-1 liter
017	W-47-MS-04-3		1540								X		2		↓
018	W-47-MSD-04-3		1540								X		2		↓
019	Dup1-04-3						~~X~~					X	3		3-40ml
020	Dup2-04-3									X			3		↓
021	Trip Blank											X	4		5-40ml H2O bottles

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ____
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #: ____
Fax #: ____
E-Mail Address: ____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 5:00	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 1:25

En Chem Project No. 948771
Sample Receipt Temp. 10°C
Sample Receipt pH (Metals) DK
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 4.0: 07/23

En Chem, Inc. Cooler Receipt Log

Batch No. 848771

Project-Name or ID CCP - Saunville No. of Coolers: 2 Temps: NOT

A. Receipt Phase: Date cooler was opened: 9/15/04 By: A. Mueller

1: Were samples received on ice? (Must be ≤ 6 C)	(YES)	NO[2]	NA
2. Was there a Temperature Blank?	(YES)	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	(NO)	
4: Are COC documents present?	(YES)	NO[2]	
5: Does this Project require quick turn around analysis?	YES	(NO)	
6: Is there any sub-work?	YES	(NO)	
7: Are there any short hold time tests?	(YES)	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	(NO)	Contacted by/Who
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	(NO)	Contacted by/Who

B. Check-In Phase: Date samples were Checked-In: 9/15/04 By: A. Mueller

1: Were all sample containers listed on the COC received and intact?	(YES)	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	(YES)	NO	
3: Do sample labels match the COC?	(YES)	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO[2]	NA
6: Are dissolved parameters field filtered?	(YES)	NO[2]	NA
7: Are sample volumes adequate for tests requested?	(YES)	NO[2]	
8: Are VOC samples free of bubbles >6mm	(YES)	NO[2]	NA
9: Enter samples into logbook. Completed	(YES)	NO	
10: Place laboratory sample number on all containers and COC. Completed	(YES)	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	(NA)
12: Start Nonconformance form.	YES	NO	(NA)
13: Initiate Subcontracting procedure. Completed	YES	NO	(NA)
14: Check laboratory sample number on all containers and COC.	(YES)	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics - All	
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	2 Complete nonconformance memo.
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-6.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

Green Bay to Kimberly Sample Transfer Record

EN CHEM INC. — chemistry for the environment

Client: ELM Consulting

QT? ☐ yes ☑ no Due: _____

Rec Temp: 3°C

Lab No.	Collection Date	Collection Time	Matrix	Hg. 1X 8270	7060/6010 met.	8081 Pest. 1X 8260 4/15	TOTAL # OF BOTTLES SENT	COMMENTS
848771-011	7/13	1530	W	X	X		2	2-1LamberA; 1-500mL poly
012	"	1540	"	X	X	X	4	4-1LamberA;
013	"	1740	"	X	X		2	2-1LamberA
015	"	——	"	X	X			
016	"	——	"			X		
017	"	1540	"			X		
018	"	1540	"			X		

Relinquished By: L. Lubben	Date/Time: 7/15/04 12:30	Received By: [signature]	Date/Time: 7-15-04 12:35
Relinquished By: D. Bamberg	Date/Time: 7/15/04 13.30.	Received By: Lori Stevens	Date/Time: 7/15/04 13:30
Relinquished By:	Date/Time:	Received By:	Date/Time:

COMMENTS:

Cooler Custody Seal (if applicable) Intact / Not Intact

Version 1.0: 10/03

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123047

Page 1 of 1

(Please Print Legibly)
Company Name: ELM
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamer / H. Vogl
PO #:

Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

*Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SL=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: 8021	ANALYSES REQUESTED: APP IX 8260B	ANALYSES REQUESTED: APP IX 8270B	ANALYSES REQUESTED: 7010/6010	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	W-38-04-3	7/14	0856	W	N	B	X				3		3-40mlB
002	W-39-04-3		0926		N	B		X	X	X	6		1-500mlD 2-Amber A
003	W-41-04-3		1045		N	A	X				3		
004	W-41-MS-04-3		↓		N	A	X				3		2-40mlB 1-Broken in shipment
005	W-41-MSD-04-3		↓		N	A	X				3		3-40mlB
006	RC-1-04-3		1150		N	A	X				3		
007	RC-2-04-3		1159		N	A	X				3		
008	RC-3-04-3	↓	1405	↓	N	A	X				3		
009	W-43-04-3		1480		Y	D		X	X	X	6		1-500mlD 2-Amber A
010*	Trip Blank										*Added To COC by MB		4-40mlB Hcl TBLK 7/16/04 GP

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/15/04	[signature]	7/15/04 1215
[signature]	7/15/04		
[signature]		[signature] Louis Dorfator	7/16/04 0805

En Chem Project No.: 848836
Sample Receipt Temp.: 6.0°C
Sample Receipt pH (Metals): OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848836

Project Name or ID CCP - SANKVILLE No. of Coolers: 1 Temps: ROI

A. Receipt Phase: Date cooler was opened: 7/16/04 By: GD

1: Were samples received on ice? (Must be ≤ 6 C)	YES	NO[2]	NA	
2. Was there a Temperature Blank?	YES	NO		
3: Were custody seals present and intact on cooler? (Record on COC)	YES	NO		
4: Are COC documents present?	YES	NO[2]		
5: Does this Project require quick turn around analysis?	YES	NO		
6: Is there any sub-work?	YES	NO		
7: Are there any short hold time tests?	YES	NO		
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	NO	Contacted by/Who	
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	NO	Contacted by/Who	

B. Check-In Phase: Date samples were Checked-In: 7/16/04 By: GD

1: Were all sample containers listed on the COC received and intact?	YES	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	YES	NO	
3: Do sample labels match the COC?	YES	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
6: Are dissolved parameters field filtered?	YES	NO[2]	NA
7: Are sample volumes adequate for tests requested?	YES	NO[2]	
8: Are VOC samples free of bubbles >6mm	YES	NO[2]	NA
9: Enter samples into logbook. Completed	YES	NO	
10: Place laboratory sample number on all containers and COC. Completed	YES	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	NA
12: Start Nonconformance form.	YES	NO	NA
13: Initiate Subcontracting procedure. Completed	YES	NO	NA
14: Check laboratory sample number on all containers and COC. KD	YES	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- A1	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-011

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	< 4.1	4.1	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.53	0.53	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.63	0.63	2.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.1	4.1	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	30	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.53	0.53	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	< 0.94	0.94	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.6	1.6	5.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.7	1.7	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.6	1.6	5.4		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.91	0.91	3.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 4.8	4.8	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	< 1.9	1.9	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.58	0.58	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 2.9	2.9	9.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	< 5.2	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Nitroanitine	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 0.98	0.98	3.3		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.3	2.3	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.0	5.0	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.44	0.44	1.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	< 4.5	4.5	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-011

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.0	8.0	27		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	< 1.9	1.9	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.7	2.7	9.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.0	3.0	9.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.4	3.4	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 4.9	4.9	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.6	2.6	8.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.1	3.1	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.82	0.82	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.7	1.7	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.55	0.55	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 1.9	1.9	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 630	630	2100		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.76	0.76	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.5	3.5	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 6.6	6.6	22		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.75	0.75	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.68	0.68	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	< 2.6	2.6	8.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-011

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.4	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.6	4.6	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.93	0.93	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.1	1.1	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.69	0.69	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	< 2.1	2.1	7.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	< 2.5	2.5	8.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 930	930	3100		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-012

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	5.2	4.3	14		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.66	0.66	2.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.3	4.3	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	120	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.55	0.55	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 2.0	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	< 0.99	0.99	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.8	1.8	6.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	930	22	74		10	ug/L	D	08/12/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.7	1.7	5.7		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.8	1.8	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 5.0	5.0	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	5.8	2.0	6.8		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	140	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.61	0.61	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.0	2.0	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 3.0	3.0	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.6	5.6	19		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	210	55	180		10	ug/L	D	08/12/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.59	0.59	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Nitroaniline	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 1.0	1.0	3.4		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.4	2.4	7.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 2.0	2.0	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 2.0	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.2	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 1.0	1.0	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.46	0.46	1.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.4	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.9	1.9	6.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	250	47	160		10	ug/L	D	08/12/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-012

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.4	8.4	28		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	< 1.9	1.9	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.9	2.9	9.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.1	3.1	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.5	2.5	8.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.3	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.9	1.9	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 5.2	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	7.6	4.4	15		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.8	2.8	9.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.9	1.9	6.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.3	3.3	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	< 1.9	1.9	6.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.86	0.86	2.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	5.2	2.5	8.4		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.58	0.58	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 0.99	0.99	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.59	0.59	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.2	2.2	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 2.0	2.0	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 660	660	2200		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.80	0.80	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 2.0	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 7.0	7.0	23		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.79	0.79	2.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.71	0.71	2.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	42	2.8	9.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.4	1.4	4.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-012

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.6	4.6	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.8	4.8	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.97	0.97	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.1	1.1	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.72	0.72	2.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 1.0	1.0	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 0.99	0.99	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	< 2.3	2.3	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	49	2.6	8.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 980	980	3300		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.5	2.5	8.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.6	2.6	8.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.4	1.4	4.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
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Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-013

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.54	0.54	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.64	0.64	2.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.1	4.1	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	350	9.8	33		5	ug/L	D	08/16/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.54	0.54	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	1.8	0.96	3.2		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	240	11	36		5	ug/L	D	08/16/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.7	1.7	5.5		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.93	0.93	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 4.9	4.9	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	54	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.59	0.59	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 2.9	2.9	9.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.5	5.5	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.57	0.57	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	160	27	88		5	ug/L	D	08/16/04	SW846 3510C	SW846 8270C
3-Nitroaniline	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 1.0	1.0	3.3		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.45	0.45	1.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.3	4.3	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.2	2.2	7.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.8	1.8	6.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	54	4.6	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-013

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.2	8.2	27		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	< 1.9	1.9	6.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.3	2.3	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.4	2.4	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.8	2.8	9.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.0	3.0	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.5	3.5	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.2	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.8	1.8	6.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 5.0	5.0	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.7	2.7	9.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.2	2.2	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.8	1.8	6.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.2	3.2	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	2.0	1.8	6.1		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.84	0.84	2.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	3.3	2.4	8.2		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.7	1.7	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.57	0.57	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.0	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.0	2.0	6.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 640	640	2100		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.78	0.78	2.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.5	3.5	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 6.8	6.8	23		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.76	0.76	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.69	0.69	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	16	2.7	8.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.2	2.2	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.3	1.3	4.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-013

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.5	4.5	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.6	4.6	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.94	0.94	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.0	1.0	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.1	1.1	3.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.70	0.70	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.0	1.0	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.1	1.1	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 0.97	0.97	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	110	2.6	8.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 950	950	3200		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 1.0	1.0	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.5	2.5	8.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.5	2.5	8.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP3-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-015

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	< 4.1	4.1	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.53	0.53	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.63	0.63	2.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.1	4.1	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	24	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.53	0.53	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	< 0.94	0.94	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.6	1.6	5.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.7	1.7	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.6	1.6	5.4		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.91	0.91	3.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 4.8	4.8	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	< 1.9	1.9	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.58	0.58	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 2.9	2.9	9.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	< 5.2	5.2	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Nitroaniline	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 0.98	0.98	3.3		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.3	2.3	7.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.0	5.0	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.44	0.44	1.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	< 4.5	4.5	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP3-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-015

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.0	8.0	27		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	< 1.9	1.9	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.7	2.7	9.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.0	3.0	9.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.4	3.4	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 4.9	4.9	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 4.2	4.2	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.6	2.6	8.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.1	3.1	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.82	0.82	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.7	1.7	5.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.6	3.6	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.55	0.55	1.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.7	1.7	5.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 1.9	1.9	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.4	1.4	4.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 630	630	2100		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.76	0.76	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.5	3.5	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 6.6	6.6	22		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.75	0.75	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.68	0.68	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	< 2.6	2.6	8.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.2	2.2	7.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP3-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 09/01/04
Lab Sample Number : 848771-015

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.4	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.6	4.6	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	< 2.0	2.0	6.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.93	0.93	3.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.1	1.1	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.5	1.5	4.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.69	0.69	2.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 0.96	0.96	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 0.95	0.95	3.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	< 2.1	2.1	7.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	< 2.5	2.5	8.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 930	930	3100		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	3.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-002

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	< 4.4	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.57	0.57	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.9	3.9	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.67	0.67	2.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.3	4.3	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	200	6.2	21		3	ug/L	D	08/12/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.9	1.9	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.7	1.7	5.8		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.62	0.62	2.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.1	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 3.1	3.1	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.7	5.7	19		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.60	0.60	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	< 5.6	5.6	19		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Nitroaniline	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 1.0	1.0	3.5		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.3	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.47	0.47	1.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.5	4.5	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.3	2.3	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	5.8	4.8	16		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C

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Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-002

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.6	8.6	29		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	< 2.0	2.0	6.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.5	2.5	8.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.9	2.9	9.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.2	3.2	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.6	2.6	8.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 5.3	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	11	4.4	15		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.8	2.8	9.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.4	2.4	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.3	3.3	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.88	0.88	2.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.8	1.8	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	< 2.6	2.6	8.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.59	0.59	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.60	0.60	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.1	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.9	3.9	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 670	670	2200		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.82	0.82	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 7.1	7.1	24		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.80	0.80	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.73	0.73	2.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	4.1	2.8	9.4		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.4	2.4	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-002

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.7	4.7	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.9	4.9	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	< 2.1	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.99	0.99	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.74	0.74	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.1	1.1	3.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	< 2.3	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	< 2.7	2.7	8.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 1000	1000	3300		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 1.1	1.1	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.6	2.6	8.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.6	2.6	8.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-009

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,2,4,5-Tetrachlorobenzene	< 1.1	1.1	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2,4-Trichlorobenzene	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,2-Dichlorobenzene	< 4.4	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3,5-Trinitrobenzene	< 0.57	0.57	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dichlorobenzene	< 3.9	3.9	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,3-Dinitrobenzene	< 0.67	0.67	2.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dichlorobenzene	< 4.3	4.3	14		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Dioxane	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1,4-Naphthoquinone	< 0.56	0.56	1.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
1-Naphthylamine	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,3,4,6-Tetrachlorophenol	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,5-Trichlorophenol	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4,6-Trichlorophenol	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dichlorophenol	< 1.9	1.9	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dimethylphenol	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrophenol	< 1.7	1.7	5.8		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
2,4-Dinitrotoluene	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dichlorophenol	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2,6-Dinitrotoluene	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Acetylaminofluorene	< 0.98	0.98	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chloronaphthalene	< 1.8	1.8	5.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Chlorophenol	< 5.1	5.1	17		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylnaphthalene	54	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Methylphenol	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Naphthylamine	< 0.62	0.62	2.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitroaniline	< 2.1	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Nitrophenol	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
2-Picoline	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dichlorobenzidine	< 3.1	3.1	10		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3,3-Dimethylbenzidine	< 5.7	5.7	19		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Methylcholanthrene	< 0.60	0.60	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3 & 4-Methylphenol	< 5.6	5.6	19		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
3-Nitroaniline	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4,6-Dinitro-2-methylphenol	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Aminobiphenyl	< 1.0	1.0	3.5		1	ug/L	&	07/30/04	SW846 3510C	SW846 8270C
4-Bromophenyl Phenyl Ether	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloro-3-methylphenol	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chloroaniline	< 2.4	2.4	8.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Chlorophenyl Phenyl Ether	< 1.7	1.7	5.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroaniline	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitrophenol	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
4-Nitroquinoline-1-oxide	< 5.3	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
5-Nitro-o-toluidine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
7,12-Dimethylbenz(a)anthracene	< 0.47	0.47	1.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
a,a-Dimethylphenethylamine	< 4.5	4.5	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthene	< 2.3	2.3	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acenaphthylene	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Acetophenone	290	19	64		4	ug/L	D	08/16/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-009

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aniline	< 8.6	8.6	29		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Anthracene	5.7	2.0	6.6		1	ug/L	Q	07/30/04	SW846 3510C	SW846 8270C
Aramite	< 2.4	2.4	8.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)anthracene	< 2.5	2.5	8.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(a)pyrene	< 2.9	2.9	9.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(b)fluoranthene	< 3.2	3.2	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(ghi)perylene	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzo(k)fluoranthene	< 2.6	2.6	8.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Benzyl Alcohol	< 5.4	5.4	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethoxy)methane	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Chloroethyl)ether	< 5.3	5.3	18		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
bis(2-Ethylhexyl)phthalate	49	4.4	15		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Butylbenzylphthalate	< 2.8	2.8	9.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chlorobenzilate	< 1.3	1.3	4.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Chrysene	< 2.4	2.4	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diallate	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenz(a,h)anthracene	< 3.3	3.3	11		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dibenzofuran	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diethylphthalate	< 1.9	1.9	6.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethoate	< 0.88	0.88	2.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dimethylphthalate	< 1.8	1.8	6.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-butylphthalate	< 2.6	2.6	8.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Di-n-octylphthalate	< 3.8	3.8	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Dinoseb	< 0.59	0.59	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Diphenylamine	< 1.3	1.3	4.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Disulfoton	< 1.8	1.8	6.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methacrylate	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Ethyl Methanesulfonate	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Famphur	< 0.60	0.60	2.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluoranthene	< 2.3	2.3	7.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Fluorene	< 2.1	2.1	6.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobenzene	< 2.1	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorobutadiene	< 1.5	1.5	5.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorocyclopentadiene	< 2.1	2.1	7.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloroethane	< 3.9	3.9	13		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachlorophene	< 670	670	2200		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Hexachloropropene	< 0.82	0.82	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 3.7	3.7	12		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isodrin	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isophorone	< 1.3	1.3	4.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Isosafrole	< 1.3	1.3	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Kepone	< 2.1	2.1	6.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methapyrilene	< 7.1	7.1	24		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methacrylate	< 0.80	0.80	2.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Methanesulfonate	< 1.2	1.2	4.1		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Methyl Parathion	< 0.73	0.73	2.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Naphthalene	24	2.8	9.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Nitrobenzene	< 2.4	2.4	7.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiethylamine	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 09/01/04
Lab Sample Number : 848836-009

SEMIVOLATILES - APPENDIX 9 LIST

Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
N-Nitrosodimethylamine	< 4.7	4.7	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-butylamine	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodi-n-propylamine	< 4.9	4.9	16		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosodiphenylamine	39	2.1	7.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomethylethylamine	< 0.99	0.99	3.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosomorpholine	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopiperidine	< 1.2	1.2	4.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
N-Nitrosopyrrolidine	< 1.6	1.6	5.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o,o,o-Triethylphosphorothioate	< 1.6	1.6	5.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
o-Toluidine	< 1.2	1.2	3.8		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-(Dimethylamino)azobenzene	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Parathion	< 0.74	0.74	2.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorobenzene	< 1.1	1.1	3.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloroethane	< 1.1	1.1	3.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachloronitrobenzene	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pentachlorophenol	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenacetin	< 1.0	1.0	3.4		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenanthrene	31	2.3	7.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phenol	< 2.7	2.7	8.9		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Phorate	< 1.5	1.5	5.0		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
p-Phenylenediamine	< 1000	1000	3300		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pronamide	< 1.1	1.1	3.5		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyrene	< 2.6	2.6	8.6		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Pyridine	< 2.6	2.6	8.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Safrole	< 1.4	1.4	4.7		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Sulfotep	< 1.2	1.2	4.2		1	ug/L		07/30/04	SW846 3510C	SW846 8270C
Thionazin	< 1.6	1.6	5.3		1	ug/L		07/30/04	SW846 3510C	SW846 8270C

SDG Narrative

Name ELM CONSULTING
Client Project Name CCP - SAUKVILLE
Client Project#
Project Coordinator Tod Noltemeyer
SDG 848771
LabSection PCB-K

Lab Number	SampleID	Collect Date	Received	Matrix
848771-012	W-47-04-3	07/13/04	07/15/04	WATER
848771-016	DUP4-04-3	07/13/04	07/15/04	WATER
848771-017	W-47-04-3MS	07/13/04	07/15/04	WATER
848771-018	W-47-04-3MSD	07/13/04	07/15/04	WATER

EN CHEM, INC.
CASE NARRATIVE - PCB ANALYSIS

Lab Report Number (SDG): 848771
Client: ELM Consulting
Project Name: CCP - Saukville
Project Number:

1. RECEIPT

The samples were received on ice.

2. HOLDING TIMES

A. **Sample Preparation:** All method-holding times were met.
B. **Sample Analysis:** All method-holding times were met.

3. METHOD

Preparation: SW846 3510C
Analysis: SW846 8082

4. PREPARATION

Sample preparation proceeded normally.

5. ANALYSIS

A. **Calibration:**
   1. **Initial verification:** All method acceptance criteria were met.
   2. **Continuing verification:** All method acceptance criteria were met. In the case where a particular peak was not within the 15%D criteria, corrective action was not taken because the average of all the peaks was less than 15%.

B. **Blanks:**
   1. **Method:** All method and in-house acceptance criteria were met.

C. **Surrogates:** All in-house acceptance criteria were met.

D. **Spikes:**
   1. **Lab Control Spike / Lab Control Spike Duplicate (LCS/LCSD):** The associated laboratory control spikes were fortified with Aroclor 1260. The in-house accuracy and precision criteria were met.
   2. **Matrix Spike / Duplicate (MS/MSD):** A matrix spike / matrix spike duplicate, fortified with Aroclor 1260, was performed on sample W-47-04-3 for this SDG. The in-house accuracy and precision criteria were met.

E. **Samples:** All sample analyses proceeded normally.
F **Dilutions:** None required for this SDG.
G. **Reanalysis:** None required for this SDG.
H. **Comments:** None.

I certify that this data package is in compliance with the terms and conditions agreed to by **En Chem, Inc.** and by the client, both technically and for completeness, except for 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 and in the computer-readable data submitted on diskette:

Signed: Linda Webb Gray Date: 07/27/04

Name: Linda Webb Gray Position: Quality Assurance Auditor

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
J	Organic	Concentration detected is greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

En Chem Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	848771-012	848771-016	848771-017	848771-018
ARSENIC - DISSOLVED	K			
BARIUM - DISSOLVED	K			
PCB	K	K	K	K
SEMIVOLATILES - APPENDIX 9 LIST	K			
VOLATILES - SPECIAL LIST	G			

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105 000444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	

please include electronic data download with report. [initials]

EN CHEM INC.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123044

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfheimer / Heidi Ugl
PO #:

Page ____ of ____
Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee WI 53202
Invoice To: - Same -
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SL=Sludge

*Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO): N / N / N / Y / N
PRESERVATION (CODE)*: B / B / A / D / A

ANALYSES REQUESTED: VOCs 8021 (struck, "Air VOCs 8260") / Appx IX 8270 / 7060/6010-MHg / 8081 / 8260 (struck) 8260 / TOTAL # OF BOTTLES SENT

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX		VOCs 8021 / VOCs 8260	Appx IX 8270	7060/6010-MHg	8081		8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	POTW-1-04-3	7/13	1235	W		X (struck) XX					X			3-40ml
002	POTW-E-04-3	↓	1240	↓		X (struck) XX					X			
003	POTW-S-04-3		1220			X (struck) XX					X		unpreserved	
004	MW-01-04-3		1130			X (struck) XX					X			
005	MW-0204-3		1145			X (struck) XX								
006	MW-03-043		1115			X (struck) XX					X			
007	MW-04-04-3		1150			X (struck) XX					X			
008	MW-01-MS-04-3		1130			X (struck) XX					X			
009	MW-01-MSD-04-3		1130			X (struck) XX					X			
010	W-19A-04-3		1440		X									
011	W-30-04-3		1530			X	X	X						2-1l amber; 1-500ml
012	W-47-04-3	↓	1540	↓		X	X	X	X					4-1l amber ↓

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 8:00am	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature] Dunham	7/15/04 8:25	L. [signature]	7/15/04 8:25

En Chem Project No. 848771
Sample Receipt Temp. RO I
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present / Not Present (circled: Not Present)
Intact / Not Intact

Version 4.0 07/03

please include electronic data download with report

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-5827

CHAIN OF CUSTODY № 123048

Page ____ of ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K Kopleman / H. Vigil
PO #:

Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 8
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: Appx IX 8260A	Appx IX 8270B	7060/6010	8081	8081	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	W-06A-04-3	7/13	1740	W	N	B	X	X	X				6		2-1 laun; 1-500ml P; 3-40ml
014	W-42-04-3		1725		N	A				X			3		3-40 ml
015	Dup3-04-3				Y	D		X	X				3		2-1 L amb; 1-500ml P
016	Dup4-04-3				N	B				X			2		2-1 L amb
017	W-47-MS-04-3		1540		N	A				X			2		"
018	W-47-MSD-04-3		1540		N	A				X			2		"
019	Dup1-04-3				N	B	~~X~~				X		3		3-40ml
020	Dup2-04-3				N	A			X				3		"
021	Trip Blank				N	A					X		4		5-40ml H2O blanks

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 5:00	[signature]	7/14/04 1200
[signature]	7/14/04	[signature]	
[signature]	7/15/04 8:25	[signature]	7/15/04 1:45

En Chem Project No. 248771
Sample Receipt Temp. 10 C
Sample Receipt pH (Wet Chem) OK
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 4.01 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848771

Project Name or ID CCP - Saunville No. of Coolers: 2 Temps: NOT

A. Receipt Phase: Date cooler was opened: 9/15/04 By: L. Mueller

1: Were samples received on ice? (Must be ≤ 6 C)	(YES)	NO[1]	NA
2. Was there a Temperature Blank?	(YES)	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	(NO)	
4: Are COC documents present?	(YES)	NO[2]	
5: Does this Project require quick turn around analysis?	YES	(NO)	
6: Is there any sub-work?	YES	(NO)	
7: Are there any short hold time tests?	(YES)	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	(NO)	Contacted by/Who
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	(NO)	Contacted by/Who

B. Check-In Phase: Date samples were Checked-In: 9/15/04 By: L. Mueller

1: Were all sample containers listed on the COC received and intact?	(YES)	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	(YES)	NO	
3: Do sample labels match the COC?	(YES)	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	(YES)	NO[2]	NA
6: Are dissolved parameters field filtered?	(YES)	NO[2]	NA
7: Are sample volumes adequate for tests requested?	(YES)	NO[2]	
8: Are VOC samples free of bubbles >6mm	(YES)	NO[2]	NA
9: Enter samples into logbook. Completed	(YES)	NO	
10: Place laboratory sample number on all containers and COC. Completed	(YES)	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	(NA)
12: Start Nonconformance form.	YES	NO	(NA)
13: Initiate Subcontracting procedure. Completed	YES	NO	(NA)
14: Check laboratory sample number on all containers and COC.	(YES)	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

(Please Print Legibly)
Company Name: ELM
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamm / H. Vigil
PO #:

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123047

Page 1 of 1
Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

*Preservation Codes: A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA
Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SL=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: 8021	APP IX 8260K	APP IX 8270C	7010/6010	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	W-38-04-3	7/14	0855	W	N	B	X				3		3-40mlB
002	W-29-04-3		0926		N	B	X	X	X		6		1-500mlD 2-Amber A
003	W-41-04-3		1045		N	A	X				3		
004	W-41-MS-04-3		↓		N	A	X				3		2-40mlB 1-Broken in shipment
005	W-41-MSD-04-3		↓		N	A	X				3		3-40mlB
006	RC-1-04-3		1150		N	A	X				3		
007	RC-2-04-3		1159		N	A	X				3		
008	RC-3-04-3	↓	1405	↓	N	A	X				3		
009	W-43-04-3		1400		N	D	X	X	X		6		1-500mlD 2-Amber A
010*	Trip Blank				N	B					* Added TCOC by LAB		2-40mlB HCL 7/16/04 60

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:
Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	7/15/04		7/15/04 1215
	7/15/04		
			7/16/04 0805

En Chem Project No.: 848836
Sample Receipt Temp.: 2.5°C
Sample Receipt pH (Water/Soil): OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848836

Project Name or ID CCP - SANKVILLE No. of Coolers: 1 Temps: ROI

A. Receipt Phase: Date cooler was opened: 7/16/04 By: GD

1: Were samples received on ice? (Must be ≤ 6 C)	YES	NO[2]	NA
2. Was there a Temperature Blank?	YES	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	NO	
4: Are COC documents present?	YES	NO[2]	
5: Does this Project require quick turn around analysis?	YES	NO	
6: Is there any sub-work?	YES	NO	
7: Are there any short hold time tests?	YES	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	NO	Contacted by/Who
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	NO	Contacted by/Who

B. Check-In Phase: Date samples were Checked-In: 7/16/04 By: GD

1: Were all sample containers listed on the COC received and intact?	YES	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	YES	NO	
3: Do sample labels match the COC?	YES	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
6: Are dissolved parameters field filtered?	YES	NO[2]	NA
7: Are sample volumes adequate for tests requested?	YES	NO[2]	
8: Are VOC samples free of bubbles >6mm	YES	NO[2]	NA
9: Enter samples into logbook. Completed	YES	NO	
10: Place laboratory sample number on all containers and COC. Completed	YES	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	NA
12: Start Nonconformance form.	YES	NO	NA
13: Initiate Subcontracting procedure. Completed	YES	NO	NA
14: Check laboratory sample number on all containers and COC. KD	YES	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

Green Bay to Kimberly Sample Transfer Record

EN CHEM INC.
chemistry for the environment

Client: ELM Consulting

QT? ☐ yes ☑ no Due: _____

Rec Temp: 3°C

Lab No.	Collection Date	Collection Time	Matrix	Analyses Requested: App. IX 8270	7060/6010 Met.	8081 App. IX 8260 7/15	Total # of Bottles Sent	Comments
248771-011	7/13		W	X	X		2	1-amber; 1-500ml
012	"			X	X	X	4	1 amber;
013				X	X		2	1 amber
015				X	X			
016						X		
017						X		
018						X		

Relinquished By: L. Mullen	Date/Time: 7/15/04 12:30	Received By: [signature]	Date/Time: 7-15-04 13:35
Relinquished By: L. Bamber	Date/Time: 7/15/04 13.30.	Received By: Lori Stevens	Date/Time: 7/15/04 13:30
Relinquished By:	Date/Time:	Received By:	Date/Time:

COMMENTS:

Cooler Custody Seal (if applicable)
Intact / Not Intact

Version 1.0: 10/03

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/27/04
Lab Sample Number : 848771-012

PCB

Prep Date: 07/20/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aroclor 1016	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1221	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1232	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1242		0.78	0.26	0.87		1	ug/L	Q	07/22/04	SW846 3510C	SW846 8082
Aroclor 1248	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1254	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1260	<	0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Total PCBs		0.78	0.26	0.87		1	ug/L	Q	07/22/04	SW846 3510C	SW846 8082

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP4-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/27/04
Lab Sample Number : 848771-016

PCB Prep Date: 07/20/04

Analyte	Result	LOD	LOQ	EQL	Dil	Units	Code	Anl Date	Prep Method	Anl Method
Aroclor 1016	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1221	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1232	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1242	1.1	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1248	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1254	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Aroclor 1260	< 0.26	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082
Total PCBs	1.1	0.26	0.87		1	ug/L		07/22/04	SW846 3510C	SW846 8082

SDG Narrative

Name ELM CONSULTING
Client Project Name CCP - SAUKVILLE
Client Project#
Project Coordinator Tod Noltemeyer
SDG 848771
LabSection METALS-K

Lab Number	SampleID	Collect Date	Received	Matrix
848771-011	W-30-04-3	07/13/04	07/15/04	WATER
848771-012	W-47-04-3	07/13/04	07/15/04	WATER
848771-013	W-06A-04-3	07/13/04	07/15/04	WATER
848771-015	DUP3-04-3	07/13/04	07/15/04	WATER
848836-002	W-29-04-3	07/14/04	07/16/04	WATER
848836-009	W-43-04-3	07/14/04	07/16/04	WATER

EN CHEM, INC
CASE NARRATIVE - METALS ANALYSIS

Lab Report Number (SDG): 848771
Client: ELM consulting
Project Name: CCP - Saukville
Project Number:

1. RECEIPT

The samples were received on ice.

2. HOLDING TIMES

A. **Sample Preparation:** All method-holding times were met.
B. **Sample Analysis:** All method-holding times were met.

3. METHOD

A. **Preparation:** SW846 3015, SW846 7470A
B. **Analysis:** SW846 6020, 2340B, SW846 7470A

4. PREPARATION

Sample preparation proceeded normally for all analyses.

5. ANALYSIS

A. **Calibration:**
   1. **Initial verification:** All method acceptance criteria were met.
   2. **Continuing verification:** All method acceptance criteria were met.

B. **Blanks:**
   1. **Initial calibration (ICB):** All method and in-house acceptance criteria were met.
   2. **Continuing calibration (CCB):** All method and in-house acceptance criteria were met.
   3. **Method:** All method and in-house acceptance criteria were met.

C. **Spikes:**
   1. **Lab Control Spike / Duplicate (LCS/LCSD):** All in-house accuracy and precision criteria were met..
      Matrix Spike / Duplicate (MS/MSD): Sample W-30-04-3 was designated as the matrix spike sample for this SDG. All in-house accuracy and precision criteria were met.

D. **Sample Duplicates:** Not applicable.
E. **Internal Standards:** The method acceptance criteria were met for all internal standards used for quantification
F. **ICP-MS Interference Check Samples:** All method acceptance criteria were met.
G. **ICP-MS Serial Dilution:** All applicable acceptance criteria were met.
H. **Samples:** Sample analysis proceeded normally.
I. **Dilutions:** None required for this SDG.
J. **Reanalysis:** None required for this SDG.
K. **Comments:** None.

I certify that this data package is in compliance with the terms and conditions agreed to by **En Chem, Inc.** and by the client, both technically and for completeness, except for 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 and in the computer-readable data submitted on diskette:

Signed: Linda Webb Gray Date: 07/30/04

Name: Linda Webb Gray Position: Quality Assurance Auditor

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
J	Organic	Concentration detected is greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

En Chem Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	848771-011	848771-012	848771-013	848771-015	848836-002	848836-009
ARSENIC - DISSOLVED	K	K	K	K	K	K
BARIUM - DISSOLVED	K	K	K	K	K	K
PCB		K				
SEMIVOLATILES - APPENDIX 9 LIST	K	K	K	K	K	K
VOLATILES - SPECIAL LIST	G	G	G		G	G

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105 000444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	

please include electronic data download with report.

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-5827

CHAIN OF CUSTODY № 123044

Page ____ of ____

Quote #: ____

Mail Report To: Bob Cigale

Company: ELM Consulting, Suite 227

Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202

Invoice To: - Same -

Company: ____

Address: ____

Mail Invoice To: ____

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number: ____
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamer / Heidi Vogel
PO #: ____

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, Sl=Sludge

*Preservation Codes
A=None, B=HCL, C=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: VOCs 8021	Arsenic 8260	Appx IX 8270	7060/6010-Mn	8021	PCBs 8082	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	POTW-1-04-3	7/13	1235	W	N	B	X					X				3-40ml
002	POTW-E-04-3		1240		N	B	X					X				
003	POTW-S-04-3		1220		N	A	X					X			unpreserved	
004	MW-01-04-3		1130		Y	B	X					X				
005	MW-02D4-3		1145		N	B	X									
006	MW-03-04-3		1115		N	B	X					X				
007	MW-04-04-3		1150		N	B	X					X				
008	MW-01-MS-04-3		1130		N	B	X					X				
009	MW-01-MSD-04-3		1130		N	B	X					X				
010	W-19A-04-3		1410	X	N	A										
011	W-30-04-3		530		N	B	X	X	X							2-1l amber; 1-500ml
012	W-47-04-3		1540		N	B	X	X	X	X						4-1l amber

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ____
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #: ____
Fax #: ____
E-Mail Address: ____

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04 8:00	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 8:25

En Chem Project No.: 848771
Sample Receipt Temp.: ROI
Sample Receipt pH (Water/Solids): OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

please include electronic data deliverable with report

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123048

Page ____ of ____
Quote #:

(Please Print Legibly)
Company Name: ELM Consulting
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-225-9604
Project Number:
Project Name: CCP-Sentville
Project State: WI
Sampled By (Print): K Kopfhamer / H. Vogt
PO #:

Mail Report To: Bob Cigale
Company: ELM Consulting, Suite 8
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SL=Sludge

*Preservation Codes: A=None, B=HCL, C=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Appx IX 8260A	Appx IX 8270B	7060/6010	8021	8081	8260	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	W-06A-04-3	7/13	1740	W	N	B	X	X	X				6		2-1 liter; 1-500ml P; 3-40ml
014	W-42-04-3		1725		N	A				X			3		3-40 ml
015	Dup3-04-3				Y	D		X	X				3		2-1 liter; 1-500ml P
016	Dup4-04-3				N	B				X			2		2-1 liter
017	W-47-MS-04-3		1540		N	A				X			2		"
018	W-47-MSD-04-3		1540		N	A				X			2		"
019	Dup1-04-3				N	B	~~X~~ 2x2				X		3		3-40ml
020	Dup2-04-3				N	B				X			3		"
021	Trip Blank				N	B					X		4		5-40ml H2O Aliquots

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:
Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/13/04	[signature]	7/14/04 1200
[signature]	7/14/04		
[signature]	7/15/04 8:25	[signature]	7/15/04 1:15

En Chem Project No. 248771
Sample Receipt Temp. ROC
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present (Not Present)
Intact / Not Intact

Version 4.0 07/00

En Chem, Inc. Cooler Receipt Log

Batch No. 848771

Project Name or ID CCP - Saunville No. of Coolers: 2 Temps: NOT.

A. Receipt Phase: Date cooler was opened: 7/15/04 By: L. Mullen

1: Were samples received on ice? (Must be ≤ 6 C)	(YES)	NO[2]	NA
2. Was there a Temperature Blank?	(YES)	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	(NO)	
4: Are COC documents present?	(YES)	NO[2]	
5: Does this Project require quick turn around analysis?	YES	(NO)	
6: Is there any sub-work?	YES	(NO)	
7: Are there any short hold time tests?	(YES)	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	(NO)	Contacted by/Who
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	(NO)	Contacted by/Who

B. Check-In Phase: Date samples were Checked-In: 7/15/04 By: L. Mullen

1: Were all sample containers listed on the COC received and intact?	(YES)	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	(YES)	NO	
3: Do sample labels match the COC?	(YES)	NO[2]	
4: Completed pH check on preserved samples (*This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics*)	(YES)	NO	NA
5: Do samples have correct chemical preservation? (*This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics*)	(YES)	NO[2]	NA
6: Are dissolved parameters field filtered?	(YES)	NO[2]	NA
7: Are sample volumes adequate for tests requested?	(YES)	NO[2]	
8: Are VOC samples free of bubbles >6mm	(YES)	NO[2]	NA
9: Enter samples into logbook. Completed	(YES)	NO	
10: Place laboratory sample number on all containers and COC. Completed	(YES)	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	(NA)
12: Start Nonconformance form	YES	NO	(NA)
13: Initiate Subcontracting procedure. Completed	YES	NO	(NA)
14: Check laboratory sample number on all containers and COC.	(YES)	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

pc/everyone/forms/samplereceiving/crl.doc

Green Bay to Kimberly Sample Transfer Record

EN CHEM INC. — chemistry for the environment

Client: ELM Consulting

QT? ☐ yes ☑ no Due: _____

Rec Temp: 3°C

Lab No.	Collection Date	Collection Time	Matrix	Hyn. IX 8270	7060/6010 Met.	8081 Hyn. IX 8270 7/15	TOTAL # OF BOTTLES SENT	COMMENTS
248771-011	7/13		W	X	X		2-1Lamber; 1-500ml P	
012	↓		↓	X	X	X	4-1Lamber;	
013				X	X		2-1Lamber	
015				X	X		↓	
016						X		
017						X		
018			↓			X	↓	

Relinquished By: L. Mullen	Date/Time: 7/15/04 12:30	Received By: [signature]	Date/Time: 7-15-04 13:35
Relinquished By: L. Bamber	Date/Time: 7/15/04 13:30	Received By: Lori Stevens	Date/Time: 7/15/04 13:30
Relinquished By:	Date/Time:	Received By:	Date/Time:

COMMENTS:

Cooler Custody Seal (if applicable) Intact / Not Intact

Version 1.0: 10/03

(Please Print Legibly)
Company Name: ELM
Branch or Location: Milwaukee
Project Contact: Bob Cigale
Telephone: 414-285-9604
Project Number:
Project Name: CCP-Saukville
Project State: WI
Sampled By (Print): K. Kopfhamer / H. Vogl
PO #:

EN CHEM INC.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY № 123047

Page 1 of 1
Quote #:
Mail Report To: Bob Cigale
Company: ELM Consulting Suite 827
Address: 330 E. Kilbourn Ave
Milwaukee, WI 53202
Invoice To: -Same-
Company:
Address:
Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST RCRA SDWA NPDES CERCLA
Matrix Codes: W=Water S=Soil A=Air C=Charcoal B=Solids Sl=Sludge

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	ANALYSES REQUESTED: 8021	APX 1X 8260A	APX 1X 8270B	7010/6010	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	W-38-04-3	7/14	0855	W	X				3		3-40mlB
002	W-29-04-3		0920			X	X	X	6		1-500mlD 2-Amber A
003	W-41-04-3		1045		X				3		
004	W-41-MS-04-3		↓		X				3		2-40mlB 1-Broken in shipment
005	W-41-MSD-04-3		↓		X				3		3-40mlB
006	RC-1-04-3		1150		X				3		
007	RC-2-04-3		1159		X				3		
008	RC-3-04-3	↓	1405	↓	X				3		
009	W-43-04-3		1480			X	X	X	6		↓ 1-500mlD 2-Amber A
010	Trip Blank								* Added to COC by LAB		4-40mlB Has TBLK 7/16/04 GA

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/15/04	[signature]	7/15/04 1315
[signature]	7/15/04		
[signature]		[signature]	7/16/04 0805

En Chem Project No.: 848836
Sample Receipt Temp.: RUT
Sample Receipt pH (Wet Metals): OK
Cooler Custody Seal: Present / Not Present
Intact / Not Intact

Version 4.0: 07/03

En Chem, Inc. Cooler Receipt Log

Batch No. 848836

Project Name or ID CCP - SANKVILLE No. of Coolers: 1 Temps: ROI

A. Receipt Phase: Date cooler was opened: 7/16/04 By: GD

1: Were samples received on ice? (Must be ≤ 6 C)	YES	NO[2]	NA
2. Was there a Temperature Blank?	YES	NO	
3: Were custody seals present and intact on cooler? (Record on COC)	YES	NO	
4: Are COC documents present?	YES	NO[2]	
5: Does this Project require quick turn around analysis?	YES	NO	
6: Is there any sub-work?	YES	NO	
7: Are there any short hold time tests?	YES	NO	
8: Are any samples nearing expiration of hold-time? (Within 2 days)	YES[1]	NO	Contacted by/Who
9: Do any samples need to be Filtered or Preserved in the lab?	YES[1]	NO	Contacted by/Who

B. Check-In Phase: Date samples were Checked-In: 7/16/04 By: GD

1: Were all sample containers listed on the COC received and intact?	YES	NO[2]	NA
2: Sign the COC as received by En Chem. Completed	YES	NO	
3: Do sample labels match the COC?	YES	NO[2]	
4: Completed pH check on preserved samples. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
6: Are dissolved parameters field filtered?	YES	NO[2]	NA
7: Are sample volumes adequate for tests requested?	YES	NO[2]	
8: Are VOC samples free of bubbles >6mm	YES	NO[2]	NA
9: Enter samples into logbook. Completed	YES	NO	
10: Place laboratory sample number on all containers and COC. Completed	YES	NO	
11: Complete Laboratory Tracking Sheet (LTS). Completed	YES	NO	NA
12: Start Nonconformance form.	YES	NO	NA
13: Initiate Subcontracting procedure. Completed	YES	NO	NA
14: Check laboratory sample number on all containers and COC. KR	YES	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date

p:/everyone/forms/samplereceiving/crl.doc

EN CHEM INC. chemistry for the environment

Green Bay to Kimberly Sample Transfer Record

Client: ELM

QT? ☐ yes ☒ no Due:

Rec Temp: 3°C

ANALYSES REQUESTED: APX IX 8270B; 7060/6010

Lab No.	Collection Date	Collection Time	Matrix	APX IX 8270B	7060/6010										Total # of Bottles Sent	Comments
848836-002	7/14	0926	W	✓	✓										2	L Amber A 1-500ml D pol
↓ -009	↓	—	↓	✓	✓										↓	↓

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/16/04 09:35	[signature]	7/16/04 09:35
[signature]	7/16/04 10:40	Lori Stevens	7/15/04 1040

COMMENTS: pH OK

Cooler Custody Seal (if applicable) Intact / Not Intact

Version 1.0 10/03

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-30-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/22/04
Lab Sample Number : 848771-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	2.8	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	82	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-47-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/22/04
Lab Sample Number : 848771-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	34	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	190	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-06A-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/22/04
Lab Sample Number : 848771-013

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	36	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	51	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848771

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : DUP3-04-3

Matrix Type : WATER
Collection Date : 07/13/04
Report Date : 07/22/04
Lab Sample Number : 848771-015

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	2.6	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	81	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-29-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 07/22/04
Lab Sample Number : 848836-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	3.0	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	160	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 848836

Client : ELM CONSULTING
Project Name : CCP - SAUKVILLE
Project Number :
Field ID : W-43-04-3

Matrix Type : WATER
Collection Date : 07/14/04
Report Date : 07/22/04
Lab Sample Number : 848836-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Arsenic - Dissolved	13	0.15	0.50		1	ug/L		07/20/04	SW846 6020	SW846 6020
Barium - Dissolved	96	0.062	0.21		1	ug/L		07/20/04	SW846 6020	SW846 6020

APPENDIX C

DATA PACKAGE SDG 848771 (WHICH INCLUDES REPORT #S: 848771 & 848836)

OVERALL SUMMARY OF DATA USABILITY

The content of this data package, including raw data, sample custody records, and field and laboratory Quality Assurance/Quality Control (QA/QC) data were evaluated for consistency with EPA protocol. These data were also evaluated for compliance with the Data Quality Objectives provided in the project-specific Quality Assurance Plan.

The data package validation procedures were based on the criteria outlined in the "Functional Guidelines for Organic Data Review", (USEPA, 1999) and the "Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", (USEPA, 2002).

The analytical data from this package are usable for this site as qualified.

URS collected thirty (30) field investigative and field quality control water samples, and (1) sludge sample on July 13 and 14, 2004. The samples were delivered via courier to EnChem of Green Bay, WI, who received them on July 15 and 16, 2004 within acceptable temperature limits ($4 \pm 2^{o}C$).

Samples were received in good condition, in proper containers and within EPA-required temperature limits. One 40ml sample vial was broken during shipment, however this did not affect analysis. Documentation of these events is recorded on the Chain-of-Custody (COC) forms.

The data package provides the analytical results from gas chromatography and gas chromatography/mass spectrometry for the analysis of volatile organic compounds (VOCs) by EPA Method 8260 and/or EPA Method 8021, by gas chromatography/mass spectrometry for the semi-volatile organic compounds (SVOCs) by EPA Method 8270, gas chromatography for the polychlorinated biphenyls (PCBs) by method 8082, and inductively coupled plasma (ICP) and Graphite Furnace for metals by EPA Methods 7060 (As) and 6010 (Ba). The following samples were evaluated:

EPA Method 8260:

POTW-1-04-3	POTW-E-04-3	POTW-S-04-3	MW-01-04-3
MW-02-04-3	MW-03-04-3	MW-04-04-3	MW-01-MS-04-3
MW-01-MSD-04-3	DUP1-04-3	W-30-04-3	W-47-04-3
W-06A-04-3	W-42-04-3	W-29-04-3	W-43-04-3
Trip Blanks (2)			

EPA Method 8021:

W-19A-04-3	W-42-04-3	DUP2-04-3	W-38-04-3
W-41-04-3	W-41-MS-04-3	W-41-MSD-04-3	RC-1-04-3
RC-2-04-3	RC-3-04-3		

EPA Method 8270:

W-30-04-3	W-47-04-3	W-06A-04-3	DUP-3-04-3
W-29-04-3	W-43-04-3		

EPA Method 8082:

W-47-04-3	W-47-MS-04-3	W-47-MSD-04-3	DUP-4-04-3

EPA Methods 6010/7060:

W-30-04-3	W-47-04-3	W-06A-04-3	DUP3-04-3
W-29-04-3	W-43-04-3		

Method blanks, matrix spike and matrix spike duplicates, control spike and control spike duplicates, and surrogate spike data were generated to determine precision and accuracy of the analytical methods.

CHAIN-OF-CUSTODY

The sample lot consisted of nineteen (19) field samples; six (6) matrix spike/matrix spike duplicate samples; two (2) trip blanks; and four (4) field duplicate samples.

The samples were received at less than ($4 \pm 2^{o}C$), which is within EPA guidelines for sample receipt temperature.

Samples were received properly preserved (sample POTW-S-04-3 was received unpreserved, however this was noted on the COC), and in the correct containers. Sample chain-of-custody was thorough and complete through the shipment process.

GAS CHROMATOGRAPHY (GC) AND GAS CHROMATOGRAPHY MASS SPECTROMETRY (GC/MS) VALIDATION FOR VOLATILE COMPOUNDS

HOLDING TIMES

For all samples, EPA required holding times for both extraction and sample analysis were met.

METHOD BLANKS

Method blanks were analyzed to assess potential sample contamination resulting from laboratory procedures. A method blank (procedural blank) is carried through the same analytical steps (preparation and analysis) as the samples.

Two laboratory blanks were analyzed. Results were non-detect.

TRIP BLANKS

Two trip blanks were provided with this data package. Methylene chloride was identified in these trip blanks at 0.83 and 0.67 ppb, respectively. No other compounds were detected in the trip blanks above the reporting limit.

FIELD DUPLICATE SAMPLES

Four Field Duplicates were identified: DUP3-04-3, DUP4-04-3, DUP1-04-3, and DUP2-04-3. No compounds were identified above the reporting limit for the original sample or field duplicate sample.

MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spike and matrix spike duplicate (MS/MSD) recoveries provide information about the effect of the sample matrix on the sample preparation and measurement

performance. A matrix spike consists of a sample that is spiked with a group of target compounds representative of the method analytes and is carried through the appropriate steps of the analysis.

Samples MW-1-04-3 and W-41-04-3 were used as the MS/MSD samples. Recoveries for each of these MS/MSD pairs all met acceptance criteria, with the following exceptions: In sample MW-1-04-3 the compound Styrene was outside the acceptable control limit range in the Matrix Spike. Carbon Disulfide was outside the control limits in the Matrix Spike Duplicate. The parent sample has been flagged with the appropriate qualifier. The precision criteria were also not met for Styrene. The parent sample has been flagged appropriately. The parent sample showed non-detects for both Styrene and Acetone and therefore there is no cause for concern in regards to this sample and its MS/MSD. In regards to sample W-41-04-3 both accuracy and precision criteria were met with the following exceptions: M-P-xylene was outside the control limits for both the Matrix Spike and the Matrix Spike Duplicate. The parent sample has been flagged appropriately. The parent sample did show a hit at 690 ppb for Total Xylenes and so the above should be taken into consideration when evaluating that result.

SURROGATE SPIKES

Surrogates are system monitoring organic compounds that are similar to the analytes of interest in chemical behavior, but not normally found in environmental samples. Laboratory performance on individual samples was established by spiking field investigative samples, quality control samples, and laboratory blanks.

The surrogate recoveries were within laboratory established quality control criteria.

LABORATORY CONTROL SAMPLES

A laboratory control sample is spiked with compounds to verify that the laboratory analytical system is responding correctly. One laboratory control sample was prepared for this sample lot.

LCS/LCSD recoveries met the acceptance criteria.

TUNING

Six bromofluorobenzene tune check analyses were performed. The target ions and percent abundance for all tune checks were within EPA established acceptance criteria. All field samples, quality assurance samples, and laboratory blanks were analyzed within the prescribed 12-hour tune window.

INITIAL CALIBRATION

Four GC/MS initial calibrations were prepared. The relative response factors for these calibrations were within the EPA established acceptance criteria. The percent relative standard deviation for all performance check analytes was also within the EPA established acceptance criteria.

CONTINUING CALIBRATIONS

Four continuing calibration checks were performed for this data set. All SPCC and CCC samples had recoveries and response factors that were within the EPA established acceptance criteria.

INTERNAL STANDARD AREAS AND RELATIVE RETENTION TIMES

The internal standard area for all field samples, quality assurance samples and laboratory blanks were within in-house abundance criteria and retention time acceptance criteria.

GAS CHROMATOGRAPHY AND MASS SPECTROMETRY (GC/MS) VALIDATION FOR SEMI-VOLATILE ORGANIC COMPOUNDS

HOLDING TIMES

All samples were extracted within the EPA requirement of 7 calendar days from time of sample collection, and analyzed with 40 days of extraction.

METHOD BLANKS

Method blanks were analyzed to assess potential sample contamination resulting from laboratory procedures. A method blank (procedural blank) is carried through the same analytical steps (preparation and analysis) of the samples.

One laboratory blank was prepared. No laboratory contaminants were identified in the method blank.

FIELD DUPLICATE SAMPLES

All results for the compounds in the duplicate sample DUP3-04-3 were non-detect. Therefore the duplicate results are acceptable.

MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spike and matrix spike duplicate (MS/MSD) results provide information about the effect of the sample matrix on the sample preparation and measurement performance. A matrix spike consists of a sample that is spiked with a group of target compounds representative of the method analytes and is carried through the appropriate steps of the analysis.

A matrix spike duplicate was not provided with this sample delivery group.

SURROGATE SPIKES

Surrogates are system monitoring organic compounds that are similar to the analytes of interest in chemical behavior, but not normally found in environmental samples. Laboratory performance on individual samples was established by spiking field investigative samples, quality control samples, and laboratory blanks.

All acceptance criteria were met with the following exceptions: SBLK73, analyzed on 8/12/04 had two (2) surrogate recoveries outside of the control limits. Since the blank had surrogates within the control limits on the first analysis, corrective action was not taken. Samples W-06A-04-3 and W-47-04-3 each had one surrogate recovery outside of the control limits. Samples W-29-04-3DL and W-43-04-3DL each had three (3) surrogate recoveries outside of the control criteria. Sample W-06-04-3DL had six (6) recoveries outside the control criteria. The diluted samples were not re-extracted because the undiluted samples had the surrogates within the control criteria. The USEPA and internal laboratory procedures allow one surrogate per fraction (acid or base) to exceed the limits of the method without need for corrective action.

LABORATORY CONTROL SAMPLES

A laboratory control sample is a laboratory sample spiked with compounds to verify that the laboratory analytical methods are responding correctly. One LCS/LCSD pair was prepared for this sample lot.

The accuracy criteria were met for both the LCS and LCSD with the exception of the following: The recoveries for 2,4-Dinitrophenol were 140% in the LCS and 140% in the LCSD. The QC recovery limits for this compound are 41-133%, therefore, 2, 4-dimethylphenol results are considered biased high. The compound 4-Aminobiphenyl had a recovery of 11% in the LCS, and 13% in the LCSD. The QC recovery limits for this compound are 50-150%, therefore, 4-Aminobiphenyl results are considered bias low. The samples have been flagged with the appropriate qualifier. The precision criteria were met with the exception of Pyridine which had an RPD% of 23, vs. the RPD control limit of 20%. The samples have been flagged with the appropriate qualifier.

TUNING

Eight DFTPP tune check analyses were performed. The target ions and percent abundance for all tune checks were within EPA established acceptance criteria. All field samples, quality assurance samples, and laboratory blanks were analyzed within the prescribed 12-hour tune window.

INITIAL CALIBRATION

Six (6) initial calibration verification forms were prepared. All method acceptance criteria were met. (7/26/04) The 10-ppm standard was not included in the initial calibration for 4-Nitrophenol and Pentachlorophenol, therefore the instrument calibration range for these analytes runs from 20 ppm-160ppm. (7/28/04) The 10ppm standard was not included in the initial calibration for Benzedine, therefore, the instrument calibration range for this analyte runs from 20ppm-160ppm. (7/29/04) Hexachlorophene and Kepone were calibrated between 50ppm-160ppm. The initial calibration criteria were not met for Kepone. The calibration was accepted based on historical data. This compound was not present in the samples. (8/11/04) The 10ppm standard was not included in the initial calibration for Pentachlorophenol and di-n-Octylphthalate, therefore, the instrument calibration range for these analytes runs from 20ppm-160ppm.

The 160ppm standard was not included in the initial calibration for Ethyl Methacrylate, therefore, the calibration is between 20-120ppm. (8/11/04) Hexachlorophene and Kepone were calibrated between 50ppm and 160ppm. The initial calibration criteria were not met for Kepone. The calibration was accepted based on historical data. This compound was not present in the samples.

CONTINUING CALIBRATION

Six (6) continuing calibration checks were performed for this data set. All continuing calibration verification samples had recoveries and response factors that were within the EPA established acceptance criteria.

INTERNAL STANDARD AREAS AND RELATIVE RETENTION TIMES

All criteria were met with the following exceptions: Sample W-43-04-3 had three internal standards outside the control limits. The sample was reanalyzed at a dilution. The diluted analysis had one internal standard outside the control limits. Corrective action was not taken since there were matrix interferences. Sample W-47-04-3 had 4 internal standards outside the control limits. The sample was reanalyzed at a dilution. The diluted sample had all internal standards within the control limits.

INDUCTIVELY COUPLED PLASMA AND GRAPHITE FURNACE ANALYSIS OF METALS

HOLDING TIMES

All samples were analyzed within the prescribed holding time of 180 days.

METHOD BLANKS

Method blanks are analyzed to assess potential sample contamination resulting from laboratory procedures. A method blank (procedural blank) is carried through the same analytical steps (preparation and analysis) as the samples.

One laboratory method blank was prepared. No laboratory contaminants were identified in the method blank.

FIELD DUPLICATE SAMPLES

The following table lists the detected results for the field duplicate supplied for this data set. The duplicate results are acceptable.

FIELD DUPLICATE RESULTS (ug/L)		
	Original	Duplicate
COMPOUND	W-30-04-3	DUP3-04-3
Arsenic	2.8	2.6
Barium	82	81

MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spike and matrix spike duplicate (MS/MSD) provide information about the effect of the sample matrix on the sample preparation and measurement performance. A matrix spike consists of a sample that is spiked with a group of target compounds representative of the method analytes and is carried through the appropriate steps of the analysis.

Sample W-47-04-3 was used as the MS/MSD sample. All recoveries and RPDs met in-house acceptance criteria.

ICP INTERFERENCE CHECK SAMPLES

The ICP Interference Check Sample (ICS) verifies the contract laboratory's interelement and background correction factors.

The ICP check sample was within the quality control criteria.

LABORATORY CONTROL SAMPLES

A laboratory control sample is a laboratory sample spiked with compounds to verify that the laboratory analytical methods are responding correctly. Two laboratory control samples were prepared for this sample lot.

LCS recoveries met established acceptance criteria.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative data for the metals on the Inorganic Target Analyte List (TAL). Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing calibration verification establishes that the initial calibration is still valid by checking the performance of the instrument on a continual basis.

All calibration verification standards were within quality control specifications.

INITIAL AND CONTINUING CALIBRATION BLANKS

Initial and continuing calibration results are used to determine the existence and magnitude of contamination resulting from laboratory activities. The criteria for evaluation of blanks applies to any blank associated with the samples (e.g., method blanks, calibration blanks, field blanks, etc.). If problems with any blank exist, all associated data must be carefully evaluated to determine whether or not there is an inherent variability in the data, or if the problem is an isolated occurrence not affecting other data.

Calibration blank results met method acceptance criteria.

GAS CHROMATOGRAPHY VALIDATION FOR AROCLORS

HOLDING TIMES

All samples were extracted within the EPA requirement of 7 calendar days from time of sample collection, and analyzed with 40 days of extraction.

METHOD BLANKS

Method blanks were analyzed to assess potential sample contamination resulting from laboratory procedures. A method blank (procedural blank) is carried through the same analytical steps (preparation and analysis) of the samples.

One laboratory blank was prepared. No laboratory contaminants were identified in the method blank.

FIELD DUPLICATE SAMPLES

All results for the compounds in the duplicate sample DUP2-04-3 were non-detect. Therefore the duplicate results are acceptable.

MATRIX SPIKES AND MATRIX SPIKE DUPLICATES

Matrix spike and matrix spike duplicate (MS/MSD) results provide information about the effect of the sample matrix on the sample preparation and measurement performance. A matrix spike consists of a sample that is spiked with a group of target compounds representative of the method analytes and is carried through the appropriate steps of the analysis.

An MS/MSD fortified with Aroclor 1260 was performed on sample W-47-04-3. All accuracy and precision data were met.

SURROGATE SPIKES

Surrogates are system monitoring organic compounds that are similar to the analytes of interest in chemical behavior, but not normally found in environmental samples. Laboratory performance on individual samples was established by spiking field investigative samples, quality control samples, and laboratory blanks.

All acceptance criteria were met.

LABORATORY CONTROL SAMPLES

A laboratory control sample is a laboratory sample spiked with compounds to verify that the laboratory analytical methods are responding correctly. One LCS/LCSD pair was prepared for this sample lot.

The associated LCS/LCSD was fortified with Aroclor 1260. The accuracy and precision criteria were met.

INITIAL CALIBRATION

Two (2) initial calibration verification forms were prepared. All method acceptance criteria were met.

CONTINUING CALIBRATION

Four (4) sets of continuing calibration checks were performed for this data set. Since this analysis requires a second column confirmation, a set includes calibration checks that have been performed on both the initial and secondary columns. All continuing calibration verification samples had recoveries and response factors that were within the EPA established acceptance criteria. In the case where a particular peak was not within 15%D criteria, corrective action was not taken because the average of all peaks was less than 15%.