PHASE II ENVIRONMENTAL ASSESSMENT

FORMER CHERRY-BURRELL FACILITY
LITTLE FALLS, NEW YORK

DELTA PROJECT NO. S097-016-3.0012

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DELTA PROJECT NO. S097-016-3.0012

This report was prepared by:

Delta Environmental Consultants, Inc.
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June 1998

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EXECUTIVE SUMMARY

A Phase II Environmental Assessment (Phase II) was performed at the site by Delta Environmental Consultants, Inc. (Delta) on May 20-21, 1998. This assessment focused on areas of the site associated with historical and current operating activities and also evaluated potential impacts originating from off-site sources.

The following Phase II tasks were performed:

- advancing three (3) Geoprobe borings to depths ranging between 3.5 feet and 16 feet below ground surface (bgs);
- advancing eight (8) borings (using a drilling rig) to depths ranging between 4 feet and 23 feet bgs;
- obtaining seven (7) ground water and eight (8) soil samples;
- submitting the soil and ground water samples to Upstate Laboratories, Inc. for analysis; and,
- preparing this report.

Eleven (11) soil borings (SB-1 through SB-11) were advanced at the approximate locations illustrated in Figure 1. The material obtained from the Geoprobe borings was screened in the field using an organic vapor monitor (OVM). The results of the OVM screening did not indicate the presence of detectable vapors. Field observations of the material did not indicate the presence of solid wastes (coal tars or sludge) commonly associated with coal gasification activities. Ground water samples were obtained from seven (7) locations. The soil and ground water samples were submitted to Upstate Laboratories, Inc. in Syracuse, New York for analysis.

The soil analytical results revealed the presence of six (6) SVOCs above the DEC cleanup objective at four soil boring locations (SB-2, SB-3, SB-4 and SB-8). These SVOCs are indicative of heavy-end petroleum hydrocarbons that could be associated with activities of coal gasification and fuel oil storage. The metal analyses revealed the presence of six (6) of the eight (8) RCRA metals. Of the reported values, the lead concentration at SB-10 (located in the electropolishing process area) and the arsenic concentration at SB-11 (located in the wastewater treatment area) were the only metals reported above the cleanup objective or the site background concentration. The elevated levels of metals in all of the samples (including the background) indicate the extensive presence of metals and are indicative of naturally occurring or background levels in the fill material (coal).

The ground water analytical results indicate the presence of three (3) VOCs and five (5) SVOCs. The only constituent detected above the DEC ground water quality standard was benzene which was reported at a concentration of 4 micrograms per liter (ug/l) at the location of a former gasometer (SB-4). The DEC ground water quality standard is 1 ug/l or the analytical method detection limit, which for these ground water samples is 3 ug/l. All of the remaining VOCs and SVOCs were reported at concentrations below the DEC ground water quality standards.

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1.0 PURPOSE AND SCOPE

1.1 Purpose

A Phase II Environmental Assessment (Phase II) was performed at the site by Delta Environmental Consultants, Inc. (Delta) on May 20-21, 1998. The purpose of performing the Phase II was to evaluate soil and ground water quality with respect to appropriate New York Department of Environmental Conservation (DEC) cleanup objectives or action levels.

This assessment focused on areas of the site associated with historical and current operating activities and also evaluated potential impacts originating from off-site sources. The historical data was previously discussed in separate Phase I Environmental Assessment reports performed by Delta and Buck Engineering in October 1997 and March 1998. These assessments were performed in anticipation of a pending business and property transaction.

1.2 Scope of Work

The scope of work for the Phase II was developed based upon historical information obtained by Delta and Buck Engineering as part of the Phase I Environmental Assessments.

The following Phase II tasks were performed:

- advancing three (3) Geoprobe borings to depths ranging between 3.5 feet and 16 feet below ground surface (bgs);
- advancing eight (8) borings (using a drilling rig) to depths ranging between 4 feet and 23 feet bgs;
- obtaining seven (7) ground water and eight (8) soil samples;
- submitting the soil and ground water samples to Upstate Laboratories, Inc. for analysis; and,
- preparing this report.

2.0 FIELD INVESTIGATION

The soil and ground water sampling was performed by Delta on May 20-21, 1998. A representative from Buck Engineering, Mr. Wayne Matteson, was present to observe the field investigation, on behalf of Feldmeier Equipment, Inc. (business successor to Cherry-Burrell).

2.1 Soil Borings

Eleven (11) soil borings (SB-1 through SB-11) were advanced at the approximate locations illustrated in Figure 1. Table 1 summarizes the location of each sample with respect to historical or current operating activities.

Soil borings SB-1 through SB-4 were advanced in the west portion of the site in the vicinity of the former coal gasification facility. One soil sample was obtained from each soil boring at depths ranging between 12 and 16 feet bgs and submitted for laboratory analysis. Review of the boring logs, as presented in Appendix A, indicates that the west portion of the site contains fill (consisting of brick, glass, coal and various amounts of sand and clay) to depths ranging between 12 and 21 feet bgs. A dark gray clay was encountered at soil borings SB-1 and SB-2 at a depth of approximately 12 feet bgs. Bedrock was encountered at depths of approximately 21 feet bgs at soil borings SB-3 and SB-4.

The material obtained from the Geoprobe borings was screened in the field using an organic vapor monitor (OVM). The results of the OVM screening did not indicate the presence of detectable vapors. Field observations of the material obtained from soil borings SB-1 through SB-4 did not indicate the presence of solid wastes (coal tars or sludge) commonly associated with coal gasification activities.

Soil borings SB-5 and SB-6 were advanced south of the old tank shop and small tank process building to depths of 20.5 and 16 feet, respectively. Review of the soil boring logs indicates the presence of sand and gravel (with a zone of fill from 2 to 4 feet at soil boring SB-5) to a depth of 16 feet bgs. Bedrock was encountered in soil boring SB-5 at a depth of 16 feet. This boring was then advanced 4 feet into the granitic bedrock in order to obtain a ground water sample. Soil boring SB-6 revealed the presence of sand and gravel to a depth of 16 feet. Ground water was encountered at a depth of approximately 12 bgs. Soil samples were not obtained from soil borings SB-5 and SB-6 since the purpose of advancing these borings was to obtain ground water samples downgradient of the main manufacturing facility.

Soil boring SB-7 was advanced in the east portion of the site to a depth of 11 feet bgs. Fill material (gravel, sand and brick) was observed to a depth of 6 feet bgs. Samples of the fill were not recoverable. Bedrock was encountered at a depth of 6 to 11 feet bgs. The boring was advanced 5 feet into the granitic bedrock. Ground water was not encountered to a depth of 11 feet, thus, a sample was not obtained. A soil sample was not obtained from soil boring SB-7 since the purpose of advancing this boring was to obtain a ground water sample east of the main manufacturing facility.

Soil boring SB-8 was advanced to a depth of 4.5 feet, adjacent to the fuel oil above ground storage tanks (ASTs). Fill material consisting of concrete, clay, coal and coal ash was observed in this boring. One soil sample was obtained from 2 to 4 feet bgs and submitted for laboratory analysis.

Soil boring SB-9 was obtained in the north portion of the site in order to determine background values. This sample was comprised of sand, gravel and coal, and was obtained from 0 to 1 foot bgs. Geoprobe refusal was encountered at 1 foot bgs.

Soil borings SB-10 and SB-11 were advanced within the old tank shop to depths of 5 and 3.5 feet bgs, respectively. These soil borings encountered fill material consisting of coal, brick and gravel to depths ranging between 3.5 to 4 feet bgs. Sand with a trace of gravel was encountered at soil boring SB-10 at a depth of 4 to 5 feet bgs. A soil sample was obtained from each boring (4 to 5 feet bgs from SB-10 and 0.5 to 3.5 feet bgs from SB-11) and submitted for laboratory analysis.

Since detectable OVM readings were not obtained from any of the soil samples, the sample interval selected for laboratory analysis was based on the estimated depth of the potential contaminant source (i.e. former gasometer pits, existing ASTs or existing fuel oil underground collection pit associated with the electropolishing process).

2.2 Ground Water Sampling

Ground water samples were obtained from seven (7) locations, as summarized in Table 1. Each sample was obtained from the top five feet of the saturated zone within the first water bearing unit. Temporary PVC well casing was placed into each borehole in order to permit collection of the ground water sample. Upon obtaining the sample, the casing was removed and the boreholes backfilled and capped with concrete, asphalt or native soil.

Ground water samples were obtained in the western portion of the site from sample locations SB-1 through SB-4. In addition, ground water samples were also obtained at locations SB-5 and SB-6, located south of the old tank shop and small tank process building, respectively. One ground water sample (SB-8) was obtained adjacent to the fuel oil ASTs.

The Phase II Environmental Assessment Workplan included obtaining ground water samples from sample location SB-7 (east of the small tank process building) and SB-10 (vicinity of the electropolishing process pit). Ground water samples were not obtained from these locations due to the absence of water within the top 5 feet of bedrock (at location SB-7) and the presence of Geoprobe refusal (prior to encountering ground water) at location SB-10.

Physical observation of the collected ground water samples did not reveal the presence of any liquid phase hydrocarbons or observable sheens.

3.0 LABORATORY ANALYSIS

The soil and ground water samples were submitted to Upstate Laboratories, Inc. in Syracuse, New York for analysis. Table 1 summarizes the analytical protocol for each sample and the analytical results are presented as Appendix B.

The lab analyses were selected based on the historical and current operating activities associated with the site. Specifically, soil and ground water analyses were performed for volatile and semi-volatile organic compounds (VOCs and SVOCs) in order to assess the potential of impacts from the former coal gasification facility and the existing fuel oil ASTs. RCRA metals and pH were analyzed on soil in the vicinity of the existing electropolishing process and wastewater treatment system in order to determine if these processes had impacted the adjacent soil. Cyanide was analyzed on soil samples SB-3 and SB-4, which were obtained from the former gasometers.

4.0 ANALYTICAL RESULTS

The soil and ground water analytical results are summarized in Tables 2 and 3, respectively. These tables contain only the analytes that were reported above the analytical method detection limit in at least one sample.

4.1 Soil

The soil analytical results indicate the presence of six (6) SVOCs (indicative of heavy-end petroleum hydrocarbons and a plasticizer) that exceed New York DEC cleanup objective.

Soil samples that contain analytes in excess of the cleanup objective were reported at the following locations:

- SB-2 (west of new tank shop, upgradient of former coal gasification facility)
- SB-3 and SB-4 (locations of former gasometers)
- SB-8 (fuel oil AST area)

The VOC results indicate the presence of chloroform (reported at a concentration of 5 micrograms per kilogram (ug/kg) at sample location SB-8 and toluene (also reported at 5 ug/kg) at sample location SB-11. Both of these values are 2-3 orders of magnitude below the DEC cleanup objective. Acetone and methylene chloride were reported in the soil samples at concentrations less than 210 ug/kg. As indicated in the Upstate Laboratories report, the presence of these VOCs is attributed to contamination from the laboratory.

The metal results indicate detectable concentrations of arsenic, barium, cadmium, chromium, lead and selenium. Each of these metals, with the exception of barium and selenium, were reported in the background sample obtained at

location SB-9. Of the reported values, the lead concentration at SB-10 (located in the electropolishing process area) and the arsenic concentration at SB-11 (located in the wastewater treatment system area) were the only metals reported above the cleanup objective or the site background concentration reported in SB-9.

The pH was also determined for the soil samples obtained from the background, electropolishing process and wastewater treatment system (SB-9 through SB-11) areas. The pH results indicated lower values (8.7 and 8.5) in the soil at the electropolishing process and wastewater treatment system area than the values reported in the background sample of 10.9.

4.2 Ground Water

The ground water analytical results indicate the presence of three (3) VOCs and five (5) SVOCs. The only constituent detected above the DEC ground water quality standard was benzene which was reported at a concentration of 4 micrograms per liter (ug/l) at the location of a former gasometer (SB-4). The DEC ground water quality standard is 1 ug/l or the analytical method detection limit, which for these ground water samples is 3 ug/l. All of the remaining VOCs and SVOCs were reported at concentrations below the DEC ground water quality standards.

5.0 DISCUSSIONS OF RESULTS AND CONCLUSIONS

A Phase II was performed to determine if previous or current site activities had adversely impacted environmental media beneath the facility. Based on the available data, the following discussion of results and conclusions is provided.

5.1 Soil

The soil analytical results revealed the presence of six (6) SVOCs above the DEC cleanup objective. These SVOCs are indicative of heavy-end petroleum hydrocarbons associated with activities of coal gasification and fuel oil storage. The source of the bis(2-Ethylhexyl)phthalate reported in soil samples SB-2 and SB-3 is unknown.

The metal analyses revealed the presence of six (6) of the eight RCRA metals. Of the reported values, the lead concentration at SB-10 (located in the electropolishing process area) and the arsenic concentration at SB-11 (located in the wastewater treatment area) were the only metals reported above the cleanup objective or the site background concentration. The elevated levels of metals in all of the samples (including the background) indicate the extensive presence of metals.

Based on the available data, the following conclusions are provided regarding soil quality:

- The presence of SVOCs are indicative of heavy-end petroleum hydrocarbons that could be associated with activities of coal gasification and fuel oil storage.
- The elevated levels of metals in all of the samples (including the background) are indicative of naturally occurring or background levels of metals in the fill material (coal).

5.2 Ground Water

The ground water analytical results indicate the presence of three (3) VOCs and five (5) SVOCs. Based on the available data, the following conclusions are provided regarding ground water quality:

- The only constituent detected above the DEC ground water quality standard was benzene at SB-4 at a concentration of 4 ug/l. The DEC ground water quality standard is 1 ug/l.
- All of the SVOCs detected in the ground water are below the DEC ground water quality standards.

6.0 REMARKS

The statements contained in this report represent our professional judgment and opinions. These opinions were arrived at in accordance with currently accepted industry and hydrogeologic practices. Other than this, there are no warranties implied or intended.

This report was prepared by:

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Stephen A. Zbur, P.G.
Senior Consultant

6/29/98
Date

TABLE 1

PHASE II SAMPLING PLAN

Former Cherry-Burrell
Little Falls, NY

		SOIL SAMPLES			GROUND WATER SAMPLES	
Sample ID	Location	Depth (feet)	No. of Samples	Lab Analysis	No. of Samples	Lab Analysis
SB-1	West of New Tank shop, upgradient of former coal gasification facility	12-14	1	VOCs, EPA 8260, SVOCs, EPA 8270	1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-2	West of New Tank shop, upgradient of former coal gasification facility	10-12	1	VOCs, EPA 8260, SVOCs, EPA 8270	1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-3	Former Coal Gasification facility	12-14	1	VOCs, EPA 8260, SVOCs, EPA 8270, Cyanide	1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-4	Former Coal Gasification facility	14-16	1	VOCs, EPA 8260, SVOCs, EPA 8270, Cyanide	1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-5	South of Old Tank Shop, Small Tank Process Building	SAMPLE NOT OBTAINED			1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-6	South of Old Tank Shop, Small Tank Process Building	SAMPLE NOT OBTAINED			1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-7	East of Small Tank Process Building	SAMPLE NOT OBTAINED			SAMPLE NOT OBTAINED	
SB-8	Petroleum AST Area	2-4	1	VOCs, EPA 8260, SVOCs, EPA 8270	1	VOCs, EPA 8260, SVOCs, EPA 8270
SB-9	Background	0-1	1	RCRA Metals, pH	SAMPLE NOT OBTAINED	
SB-10	Electropolishing Process	4-5	1	RCRA Metals, pH	SAMPLE NOT OBTAINED	
SB-11	Wastewater Treatment System	6"-3.5	1	VOCs, EPA 8260, RCRA Metals, pH	SAMPLE NOT OBTAINED	
TOTAL SAMPLES		8			7	

VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds

TABLE 2

SOIL ANALYTICAL RESULTS

May 20-21, 1998
Former Cherry-Burrell
Little Falls, NY

			Metals						Volatiles		Semi-Volatiles											
Sample ID	Depth (feet)	pH	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Chloroform	Toluene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	bis(2-Ethylhexyl)phthalate	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Benzo(ghi)perylene
SB-1	12-14	NA	NA	NA	NA	NA	NA	NA	<4	<4	<390	<390	<390	<390	<390	<390	<390	<390	<390	<390	<390	<390
SB-2	10-12	NA	NA	NA	NA	NA	NA	NA	<4	<4	910	<450	2,200	2,800	1,200	1,100	5,000	1,300	560	920	<450	<450
SB-3	12-14	NA	NA	NA	NA	NA	NA	NA	<4	<4	3,000	1,100	5,600	5,500	2,700	2,100	61,000	2,800	980	1,900	630	580
SB-4	14-16	NA	NA	NA	NA	NA	NA	NA	<3	<3	1,500	460	2,700	2,300	1,500	1,300	<380	1,900	600	1,400	580	510
SB-8	2-4	NA	NA	NA	NA	NA	NA	NA	5	<4	2,200	680	2,500	2,000	1,100	1,000	<480	1,400	510	1,100	<480	<480
SB-9	0-1	10.9	4,700	<35	4,000	22,000	19,000	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-10	4-5	8.7	2,300	<35	2,400	<6,000	31,000	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-11	6"-3.5	8.5	38,000	60,000	2,600	7,300	21,000	1,900	<4	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cleanup Objective *			7,500 or SB	300,000 or SB	1,000 or SB	10,000 or SB	30,000 or SB	2,000 or SB	300	1,500	50,000	50,000	3.0×10^6	2.0×10^6	220	400	50,000	220	220	61	3,200	50,000

All values reported in ug/kg (micrograms per kilogram) or parts per billion.
NA = Not analyzed
SB = Site Background
* Soil Cleanup Objectives and Guidance Values are based on TAGM, Determination of Soil Cleanup Objectives and STARS, Petroleum Contaminated Soil Guidance Document

Analytical Result above Cleanup Objective or Guidance Value

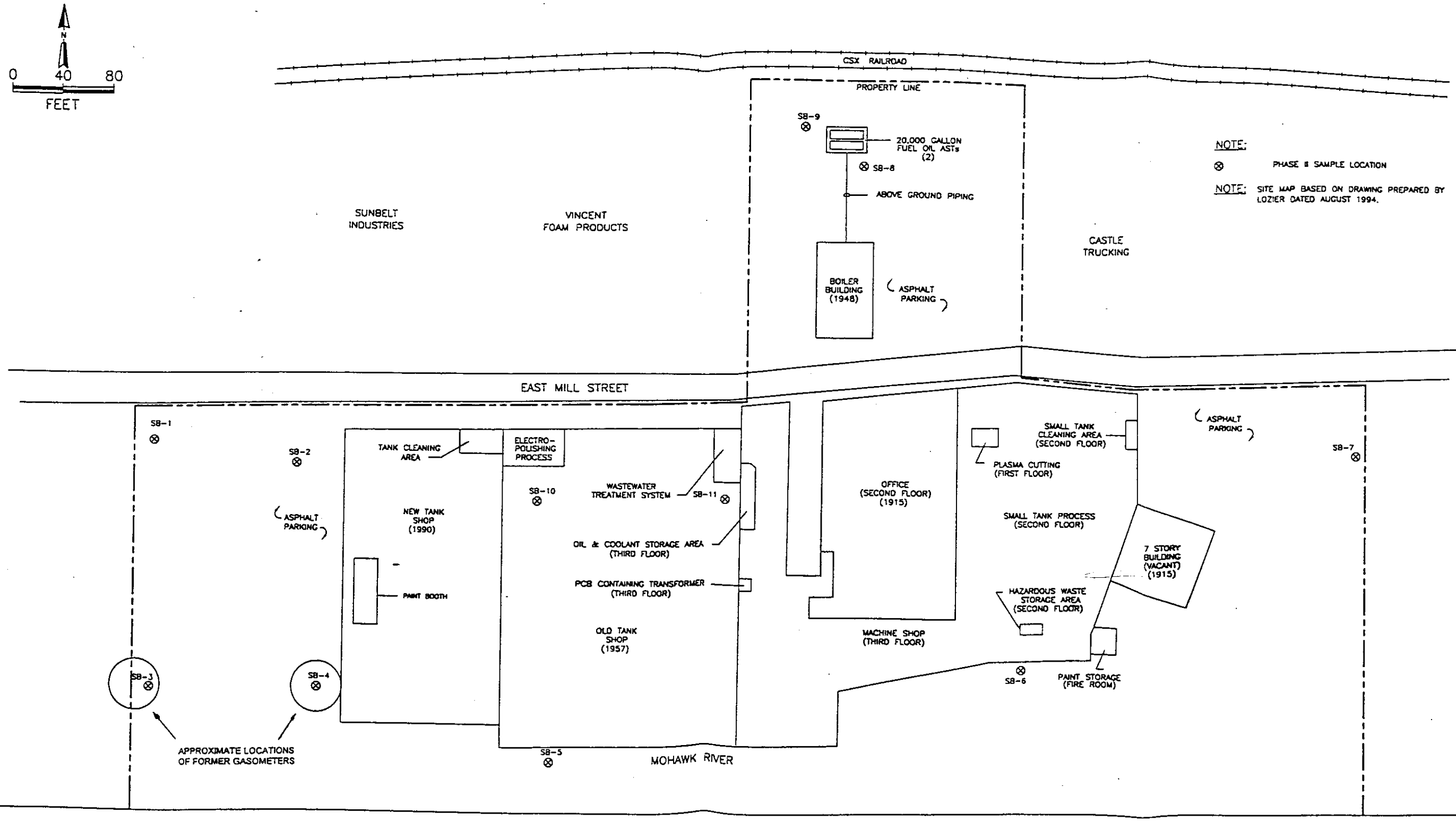
TABLE 3

GROUND WATER ANALYTICAL RESULTS

May 20-21, 1998
Former Cherry-Burrell
Little Falls, NY

	Volatiles			Semi-Volatiles				
Sample ID	Acetone	Benzene	Toluene	Diethylphthalate	di-n-butylphthalate	Fluoranthene	Pyrene	bis(2-Ethylhexyl)phthalate
SB-1	24	<3	<3	<7	<7	<7	<7	<7
SB-2	<10	<3	<3	<5	<5	<5	<5	7
SB-3	<10	<3	<3	<5	<5	<5	<5	<5
SB-4	17	4	<3	8	8	11	12	8
SB-5	14	<3	<3	<5	<5	<5	<5	7
SB-6	<10	<3	3	<5	<5	<5	<5	<5
SB-8	<10	<3	<3	<5	<5	<5	<5	<5
Ground Water Quality Standards *	50	1 **	5	NS	50	50	50	50

All values reported in ug/l (micrograms per liter) or parts per billion.
NS = No standard promulgated.
* Ground Water Quality Standards, New York State Codes, Rules and Regulations, Title 6, Chapter X, Parts 700-705
** Ground Water Quality Standard for benzene is 1 ug/l or the analytical method detection limit.
Analytical Results above NYDEC Ground Water Quality Standards



Delta Environmental Consultants, Inc.

TITLE:
PHASE II SAMPLE LOCATIONS
CHERRY-BURRELLL PROCESS EQUIPMENT
LITTLE FALLS, NEW YORK

DWN: DEK	DES.:	PROJECT NO.: S097-016
CHKD:	APPD:	FIGURE NO.: 1
DATE: 06/15/98	REV.:	

APPENDIX A

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER: SB-1		PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:	DRILLING METHOD:	SPLIT SPOON
	CITY, STATE:	LITTLE FALLS, NY 13365	PARRATT-WOLFF, INC.	DRILLING RIG:	MOBILE/EM61
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED: 5/21/98	DRILL CREW:	
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/21/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one) UNITS: ppm
0	0 - 6" ASPHALT	
1	6" - 2' FILL MATERIAL, BRICK STONE	0.0
2	2' - 4' FILL MATERIAL, BRICK STONE	0.0
3		
4	4' - 6' FILL MATERIAL, BRICK STONE	
5		
6	6' - 8' FILL MATERIAL, BRICK STONE	
7		
8	8' - 9' FILL MATERIAL, GRADING INTO SILT, DARK GRAY, TRACE SAND, FIND	0.0
9	9' - 10' FILL MATERIAL, GRADING INTO SILT, DARK GRAY, TRACE SAND, FINE BECOMES WET	
10	10' - 12' FILL MATERIAL, GRADING INTO SILT, DARK GRAY, TRACE SAND, FINE, TRACE GRAVEL, BECOMES WET	0.0
11		
12	12' - 14' CLAY, DARK GRAY, TRACE SILT	
13		
14	14' - 16' CLAY, DARK GRAY, TRACE SILT, GRADING TO SAND, FINE	
15	REFUSAL @ 15'	
16		
17		
18		
19		
20		

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER: SB-2		PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:	DRILLING METHOD:	SPILT SPOON
	CITY, STATE:	LITTLE FALLS, NY 13365	PARRATT-WOLFF, INC.	DRILLING RIG:	MOBILE/EM61
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED: 5/21/98	DRILL CREW:	
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/21/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
		UNITS: ppm
0	0 - 6" ASPHALT	
1	6" - 2' FILL MATERIAL, BRICK, SAND	0.0
2	2' - 4' BRICK, SAND	0.0
3		
4	4' - 6' BRICK, SAND	
5		
6	6' - 8' BRICK, SAND, GRADING INTO CLAY, DARK GRAY, TRACE SILT @ 7'	0.0
7		
8	8' - 10' FILL MATERIAL, BRICK	
9		
10	10' - 12' FILL MATERIAL, BRICK, GRADING INTO CLAY, DARK GRAY, TRACE GRAVEL, FINE SATURATED @ 12'	
11		
12	12' END OF BORING	
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER:	SB-3	PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:		DRILLING METHOD: GEOPROBE
	CITY, STATE:	LITTLE FALLS, NY 13365		PARRATT-WOLFF, INC.	DRILLING RIG: CME
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED:	5/20/98	DRILL CREW:
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED:	5/20/98	LOGGED BY: RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one) UNITS: ppm
0	0 - 2' FILL, SAND, GRAVEL, RED-BROWN TO GRAY	
1		
2	2' - 4' FILL, SAND, GRAVEL, RED-BROWN TO GRAY	0.0
3		
4	4' - 6' FILL, BRICK, SOME SAND	
5		
6	6' - 8' FILL, BRICK, SOME SAND	0.0
7		
8	8' - 10' FILL, BRICK, SOME SAND	
9		
10	10' - 12' FILL, BRICK, GLASS	0.0
11		
12	12' - 14' FILL, BRICK, GLASS	
13		
14	14' - 16' NO RECOVERY	0.0
15		
16	16' - 19' FILL, BRICK, GLASS	
17		
18		
19	19' - 21' FILL, BRICK, GLASS	0.0
20		
21	21' - 22.5' BEDROCK, SATURATED	0.0
22		
23		

Delta	PROJECT NAME: CHERRY-BURRELL	BORING/WELL NUMBER: SB-5		PAGE 1 OF 1
	ADDRESS: 575 E. MILL STREET	CONTRACTOR: ZEBRA / PARRATT-WOLFF, INC.	DRILLING METHOD:	GEOPROBE/AIR ROTARY
	CITY, STATE: LITTLE FALLS, NY 13365		DRILLING RIG:	MOBILE/EM61
	PROJECT NUMBER: S097-016-3.0012	DATE / TIME STARTED: 5/20/98	DRILL CREW:	
	LAND OWNER: UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/20/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
		UNITS:
0	0 - 2' SAND, RED-BROWN, MEDIUM	ppm
1		
2	2' - 4' GRAVEL, MEDIUM, FILL MATERIAL, BRICKS	0.0
3		
4	4' - 8' GRAVEL, MEDIUM; TRACE SAND, MEDIUM; FILL, BRICKS	0.0
5		
6		
7		
8	8' - 12' GRAVEL, MEDIUM; TRACE SAND, MEDIUM; FILL, BRICKS, BECOMING MOIST	0.0
9		
10		
11		
12	12' - 16' SAND, LIGHT GRAY, MEDIUM; TRACE GRAVEL, MEDIUM	
13		
14		
15		
16	BEDROCK @ 16'	
	SETUP FOR AIR ROTARY	
17		
18		
19		
20		
21	20.5 END OF BORING	

Delta Environmental Consultants, Inc.	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER:	SB-4	PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:		DRILLING METHOD: GEOPROBE
	CITY, STATE:	LITTLE FALLS, NY 13365		PARRATT-WOLFF, INC.	DRILLING RIG: CME
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED:	5/20/98	DRILL CREW
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED:	5/20/98	LOGGED BY: RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one) UNITS: ppm
0	0 - 6" ASPHALT	
1	6" - 1' CONCRETE, FILL 1' - 2' SAND, RED-BROWN, MEDIUM; GRAVEL, MEDIUM	0.0
2	2' - 4' FILL MATERIAL, BRICK	0.0
3		
4	4' - 6' FILL MATERIAL, BRICK	
5		
6	6' - 8' FILL MATERIAL, BRICK, SOME ASH	0.0
7		
8	8' - 10' FILL MATERIAL, BRICK, SOME ASH	
9		
10	10' - 12' FILL MATERIAL, BRICK, COAL	0.0
11		
12	12' - 14' FILL MATERIAL, BRICK, COAL, TRACE CLAY	
13		
14	14' - 16' SAND, REDDISH-GRAY TO BROWN, MOIST	0.0
15		
16	16' - 18' FILL MATERIAL, BRICK, WET	
17		
18		
19		
20		
21		
	21.5' BEDROCK	

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER: SB-6		PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:	DRILLING METHOD:	GEOPROBE
	CITY, STATE:	LITTLE FALLS, NY 13365	ZEBRA ENVIRONMENTAL CORP.	DRILLING RIG:	CME
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED: 5/20/98	DRILL CREW:	
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/20/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
0	0 - 4' SAND, RED-BROWN, FINE TO COARSE	UNITS: ppm
1		
2		
3		
4	4' - 8' SAND, RED-BROWN, COARSE, TRACE GRAVEL, MEDIUM	0.0
5		
6		
7		
8	8' - 12' GRAVEL, MEDIUM; SAND, DARK GRAY, MEDIUM, BECOMING MOIST @ 12'	0.0
9		
10		
11		
12	12' - 16' GRAVEL, MEDIUM; SAND, DARK GRAY, MEDIUM	
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME: CHERRY-BURRELL	BORING/WELL NUMBER: SB-7		PAGE 1 OF 1
	ADDRESS: 575 E. MILL STREET	CONTRACTOR:	DRILLING METHOD:	HOLLOW STEM/ AIR ROTARY
	CITY, STATE: LITTLE FALLS, NY 13365	PARRATT-WOLFF, INC.	DRILLING RIG:	EM61
	PROJECT NUMBER: S097-016-3.0012	DATE / TIME STARTED: 5/21/98	DRILL CREW:	
	LAND OWNER: UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/21/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
		UNITS:
0	0 - 2' FILL MATERIAL, GRAVEL, SAND	ppm
1		
2	2' - 4' FILL MATERIAL, BRICK	0.0
3		
4	4' - 6' FILL MATERIAL, BRICK	0.0
5		
6	6' - 11' BEDROCK	
7		
8		
9		
10		
11	11' END OF BORING	
12		
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER:	SB-8	PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:		DRILLING METHOD: SPLIT-SPOON
	CITY, STATE:	LITTLE FALLS, NY 13365		PARRATT-WOLFF, INC.	DRILLING RIG:
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED:	5/21/98	DRILL CREW:
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED:	5/21/98	LOGGED BY: RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
		UNITS: ppm
0	0 - 3" GRAVEL	
	3" - 6" CONCRETE	0.0
	6" - 1' CLAY, RED-BROWN, TRACE SILT	0.0
1	1' - 2' COAL	0.0
2	2' - 4' COAL, COAL/ASH, FILL MATERIAL SATURATED @ 4'	0.0
3		
4		
5	REFUSAL @ 4.5'	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME: CHERRY-BURRELL	BORING/WELL NUMBER: SB-9		PAGE 1 OF 1
	ADDRESS: 575 E. MILL STREET	CONTRACTOR: PARRATT-WOLFF, INC.	DRILLING METHOD:	SPLIT-SPOON
	CITY, STATE: LITTLE FALLS, NY 13365		DRILLING RIG:	
	PROJECT NUMBER: S097-016-3.0012	DATE / TIME STARTED: 5/20/98	DRILL CREW:	
	LAND OWNER: UNITED DOMINION INDUST.	DATE / TIME FINISHED: 5/20/98	LOGGED BY:	RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID OVM OVA (circle one) UNITS: ppm
0	0-1' FILL MATERIAL, TRACE COAL	
1	1' BEDROCK	
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER:	SB-10	PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:		DRILLING METHOD: GEOPROBE
	CITY, STATE:	LITTLE FALLS, NY 13365	ZEBRA ENVIRONMENTAL CORP.		DRILLING RIG: CME
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED:	5/20/98	DRILL CREW:
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED:	5/20/98	LOGGED BY: RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
0	0 - 4" CONCRETE	UNITS: ppm
1	4" - 4' FILL MATERIAL, COAL, BRICK, GRAVEL	0.0
2		
3		
4	4' - 5' SAND, LIGHT GRAY TO BLACK, TRACE GRAVEL	0.0
5	REFUSAL @ 5'	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Delta	PROJECT NAME:	CHERRY-BURRELL	BORING/WELL NUMBER:	SB-11	PAGE 1 OF 1
	ADDRESS:	575 E. MILL STREET	CONTRACTOR:		DRILLING METHOD: GEOPROBE
	CITY, STATE:	LITTLE FALLS, NY 13365	ZEBRA ENVIRONMENTAL CORP.		DRILLING RIG: CME
	PROJECT NUMBER:	S097-016-3.0012	DATE / TIME STARTED:	5/20/98	DRILL CREW:
	LAND OWNER:	UNITED DOMINION INDUST.	DATE / TIME FINISHED:	5/20/98	LOGGED BY: RON JENKINS

DEPTH	LITHOLOGIC DESCRIPTIONS	PID (OVM) OVA (circle one)
		UNITS: ppm
0	0 - 6" CONCRETE	
1	6" - 3.5' FILL MATERIAL	0.0
2		
3		
4		
5	REFUSAL @ 5'	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

APPENDIX B

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-3 1530H 05/20/98 G

ULI I.D.: 14698023 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	<10ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	<3ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	<3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-3 1530H 05/20/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698023 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<5ug/l		SA1578
2-Chlorophenol	<5ug/l		SA1578
1,3-Dichlorobenzene	<5ug/l		SA1578
1,4-Dichlorobenzene	<5ug/l		SA1578
1,2-Dichlorobenzene	<5ug/l		SA1578
2-Methylphenol	<5ug/l		SA1578
2,2'-Oxybis(1-Chloropropane)	<5ug/l		SA1578
4-Methylphenol	<5ug/l		SA1578
n-Nitrosodi-n-propylamine	<5ug/l		SA1578
Hexachloroethane	<5ug/l		SA1578
Nitrobenzene	<5ug/l		SA1578
Isophorone	<5ug/l		SA1578
2-Nitrophenol	<5ug/l		SA1578
2,4-Dimethylphenol	<5ug/l		SA1578
bis(2-Chloroethoxy)methane	<5ug/l		SA1578
2,4-Dichlorophenol	<5ug/l		SA1578
1,2,4-Trichlorobenzene	<5ug/l		SA1578
Naphthalene	<5ug/l		SA1578
4-Chloroaniline	<5ug/l		SA1578
Hexachlorobutadiene	<5ug/l		SA1578
4-Chloro-3-methylphenol	<5ug/l		SA1578
2-Methylnaphthalene	<5ug/l		SA1578
Hexachlorocyclopentadiene	<5ug/l		SA1578
2,4,6-Trichlorophenol	<5ug/l		SA1578
2,4,5-Trichlorophenol	<5ug/l		SA1578
2-Chloronaphthalene	<5ug/l		SA1578
2-Nitroaniline	<50ug/l		SA1578
Dimethylphthalate	<5ug/l		SA1578
Acenaphthylene	<5ug/l		SA1578
2,6-Dinitrotoluene	<5ug/l		SA1578
3-Nitroaniline	<50ug/l		SA1578
Acenaphthene	<5ug/l		SA1578
2,4-Dinitrophenol	<50ug/l		SA1578
4-Nitrophenol	<50ug/l		SA1578
Dibenzofuran	<5ug/l		SA1578
2,4-Dinitrotoluene	<5ug/l		SA1578
Diethylphthalate	<5ug/l		SA1578
4-Chlorophenylphenylether	<5ug/l		SA1578
Fluorene	<5ug/l		SA1578
4-Nitroaniline	<50ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-3 1530H 05/20/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698023 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<50ug/l		SA1578
n-Nitrosodiphenylamine	<5ug/l		SA1578
4-Bromophenylphenylether	<5ug/l		SA1578
Hexachlorobenzene	<5ug/l		SA1578
Pentachlorophenol	<10ug/l		SA1578
Phenanthrene	<5ug/l		SA1578
Anthracene	<5ug/l		SA1578
Carbazole	<5ug/l		SA1578
di-n-butylphthalate	<5ug/l		SA1578
Fluoranthene	<5ug/l		SA1578
Pyrene	<5ug/l		SA1578
Butylbenzylphthalate	<5ug/l		SA1578
3,3'-Dichlorobenzidine	<5ug/l		SA1578
Benzo(a)anthracene	<5ug/l		SA1578
Chrysene	<5ug/l		SA1578
bis(2-Ethylhexyl)phthalate	<5ug/l		SA1578
di-n-octylphthalate	<5ug/l		SA1578
Benzo(b)fluoranthene	<5ug/l		SA1578
Benzo(k)fluoranthene	<5ug/l		SA1578
Benzo(a)pyrene	<5ug/l		SA1578
Indeno(1,2,3-cd)pyrene	<5ug/l		SA1578
Dibenzo(a,h)anthracene	<5ug/l		SA1578
Benzo(ghi)perylene	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-8 0920H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698024 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	<10ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	<3ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	<3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-8 0920H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698024 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<5ug/l		SA1578
2-Chlorophenol	<5ug/l		SA1578
1,3-Dichlorobenzene	<5ug/l		SA1578
1,4-Dichlorobenzene	<5ug/l		SA1578
1,2-Dichlorobenzene	<5ug/l		SA1578
2-Methylphenol	<5ug/l		SA1578
2,2'-Oxybis(1-Chloropropane)	<5ug/l		SA1578
4-Methylphenol	<5ug/l		SA1578
n-Nitrosodi-n-propylamine	<5ug/l		SA1578
Hexachloroethane	<5ug/l		SA1578
Nitrobenzene	<5ug/l		SA1578
Isophorone	<5ug/l		SA1578
2-Nitrophenol	<5ug/l		SA1578
2,4-Dimethylphenol	<5ug/l		SA1578
bis(2-Chloroethoxy)methane	<5ug/l		SA1578
2,4-Dichlorophenol	<5ug/l		SA1578
1,2,4-Trichlorobenzene	<5ug/l		SA1578
Naphthalene	<5ug/l		SA1578
4-Chloroaniline	<5ug/l		SA1578
Hexachlorobutadiene	<5ug/l		SA1578
4-Chloro-3-methylphenol	<5ug/l		SA1578
2-Methylnaphthalene	<5ug/l		SA1578
Hexachlorocyclopentadiene	<5ug/l		SA1578
2,4,6-Trichlorophenol	<5ug/l		SA1578
2,4,5-Trichlorophenol	<5ug/l		SA1578
2-Chloronaphthalene	<5ug/l		SA1578
2-Nitroaniline	<50ug/l		SA1578
Dimethylphthalate	<5ug/l		SA1578
Acenaphthylene	<5ug/l		SA1578
2,6-Dinitrotoluene	<5ug/l		SA1578
3-Nitroaniline	<50ug/l		SA1578
Acenaphthene	<5ug/l		SA1578
2,4-Dinitrophenol	<50ug/l		SA1578
4-Nitrophenol	<50ug/l		SA1578
Dibenzofuran	<5ug/l		SA1578
2,4-Dinitrotoluene	<5ug/l		SA1578
Diethylphthalate	<5ug/l		SA1578
4-Chlorophenylphenylether	<5ug/l		SA1578
Fluorene	<5ug/l		SA1578
4-Nitroaniline	<50ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-8 0920H 05/21/98 G

ULI I.D.: 14698024 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<50ug/l		SA1578
n-Nitrosodiphenylamine	<5ug/l		SA1578
4-Bromophenylphenylether	<5ug/l		SA1578
Hexachlorobenzene	<5ug/l		SA1578
Pentachlorophenol	<10ug/l		SA1578
Phenanthrene	<5ug/l		SA1578
Anthracene	<5ug/l		SA1578
Carbazole	<5ug/l		SA1578
di-n-butylphthalate	<5ug/l		SA1578
Fluoranthene	<5ug/l		SA1578
Pyrene	<5ug/l		SA1578
Butylbenzylphthalate	<5ug/l		SA1578
3,3'-Dichlorobenzidine	<5ug/l		SA1578
Benzo(a)anthracene	<5ug/l		SA1578
Chrysene	<5ug/l		SA1578
bis(2-Ethylhexyl)phthalate	<5ug/l		SA1578
di-n-octylphthalate	<5ug/l		SA1578
Benzo(b)fluoranthene	<5ug/l		SA1578
Benzo(k)fluoranthene	<5ug/l		SA1578
Benzo(a)pyrene	<5ug/l		SA1578
Indeno(1,2,3-cd)pyrene	<5ug/l		SA1578
Dibenzo(a,h)anthracene	<5ug/l		SA1578
Benzo(ghi)perylene	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-4 1830H 05/20/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698025 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	17ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	4ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	<3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<7ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-4 1830H 05/20/98 G

ULI I.D.: 14698025 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<7ug/l	23	SA1578
2-Chlorophenol	<7ug/l	23	SA1578
1,3-Dichlorobenzene	<7ug/l	23	SA1578
1,4-Dichlorobenzene	<7ug/l	23	SA1578
1,2-Dichlorobenzene	<7ug/l	23	SA1578
2-Methylphenol	<7ug/l	23	SA1578
2,2'-Oxybis(1-Chloropropane)	<7ug/l	23	SA1578
4-Methylphenol	<7ug/l	23	SA1578
n-Nitrosodi-n-propylamine	<7ug/l	23	SA1578
Hexachloroethane	<7ug/l	23	SA1578
Nitrobenzene	<7ug/l	23	SA1578
Isophorone	<7ug/l	23	SA1578
2-Nitrophenol	<7ug/l	23	SA1578
2,4-Dimethylphenol	<7ug/l	23	SA1578
bis(2-Chloroethoxy)methane	<7ug/l	23	SA1578
2,4-Dichlorophenol	<7ug/l	23	SA1578
1,2,4-Trichlorobenzene	<7ug/l	23	SA1578
Naphthalene	<7ug/l	23	SA1578
4-Chloroaniline	<7ug/l	23	SA1578
Hexachlorobutadiene	<7ug/l	23	SA1578
4-Chloro-3-methylphenol	<7ug/l	23	SA1578
2-Methylnaphthalene	<7ug/l	23	SA1578
Hexachlorocyclopentadiene	<7ug/l	23	SA1578
2,4,6-Trichlorophenol	<7ug/l	23	SA1578
2,4,5-Trichlorophenol	<7ug/l	23	SA1578
2-Chloronaphthalene	<7ug/l	23	SA1578
2-Nitroaniline	<67ug/l	23	SA1578
Dimethylphthalate	<7ug/l	23	SA1578
Acenaphthylene	<7ug/l	23	SA1578
2,6-Dinitrotoluene	<7ug/l	23	SA1578
3-Nitroaniline	<67ug/l	23	SA1578
Acenaphthene	<7ug/l	23	SA1578
2,4-Dinitrophenol	<67ug/l	23	SA1578
4-Nitrophenol	<67ug/l	23	SA1578
Dibenzofuran	<7ug/l	23	SA1578
2,4-Dinitrotoluene	<7ug/l	23	SA1578
Diethylphthalate	8ug/l		SA1578
4-Chlorophenylphenylether	<7ug/l	23	SA1578
Fluorene	<7ug/l	23	SA1578
4-Nitroaniline	<67ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-4 1830H 05/20/98 G

ULI I.D.: 14698025 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<67ug/l	23	SA1578
n-Nitrosodiphenylamine	<7ug/l	23	SA1578
4-Bromophenylphenylether	<7ug/l	23	SA1578
Hexachlorobenzene	<7ug/l	23	SA1578
Pentachlorophenol	<13ug/l	23	SA1578
Phenanthrene	<7ug/l	23	SA1578
Anthracene	<7ug/l	23	SA1578
Carbazole	<7ug/l	23	SA1578
di-n-butylphthalate	8ug/l		SA1578
Fluoranthene	11ug/l		SA1578
Pyrene	12ug/l		SA1578
Butylbenzylphthalate	<7ug/l	23	SA1578
3,3'-Dichlorobenzidine	<7ug/l	23	SA1578
Benzo(a)anthracene	<7ug/l	23	SA1578
Chrysene	<7ug/l	23	SA1578
bis(2-Ethylhexyl)phthalate	8ug/l		SA1578
di-n-octylphthalate	<7ug/l	23	SA1578
Benzo(b)fluoranthene	<7ug/l	23	SA1578
Benzo(k)fluoranthene	<7ug/l	23	SA1578
Benzo(a)pyrene	<7ug/l	23	SA1578
Indeno(1,2,3-cd)pyrene	<7ug/l	23	SA1578
Dibenzo(a,h)anthracene	<7ug/l	23	SA1578
Benzo(ghi)perylene	<7ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL
QC:
Lab I.D.: 10170

BURRELL SB-6 0920H 05/20/98 G

ULI I.D.: 14698026

Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	<10ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	<3ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-6 0920H 05/20/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698026 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<5ug/l		SA1578
2-Chlorophenol	<5ug/l		SA1578
1,3-Dichlorobenzene	<5ug/l		SA1578
1,4-Dichlorobenzene	<5ug/l		SA1578
1,2-Dichlorobenzene	<5ug/l		SA1578
2-Methylphenol	<5ug/l		SA1578
2,2'-Oxybis(1-Chloropropane)	<5ug/l		SA1578
4-Methylphenol	<5ug/l		SA1578
n-Nitrosodi-n-propylamine	<5ug/l		SA1578
Hexachloroethane	<5ug/l		SA1578
Nitrobenzene	<5ug/l		SA1578
Isophorone	<5ug/l		SA1578
2-Nitrophenol	<5ug/l		SA1578
2,4-Dimethylphenol	<5ug/l		SA1578
bis(2-Chloroethoxy)methane	<5ug/l		SA1578
2,4-Dichlorophenol	<5ug/l		SA1578
1,2,4-Trichlorobenzene	<5ug/l		SA1578
Naphthalene	<5ug/l		SA1578
4-Chloroaniline	<5ug/l		SA1578
Hexachlorobutadiene	<5ug/l		SA1578
4-Chloro-3-methylphenol	<5ug/l		SA1578
2-Methylnaphthalene	<5ug/l		SA1578
Hexachlorocyclopentadiene	<5ug/l		SA1578
2,4,6-Trichlorophenol	<5ug/l		SA1578
2,4,5-Trichlorophenol	<5ug/l		SA1578
2-Chloronaphthalene	<5ug/l		SA1578
2-Nitroaniline	<50ug/l		SA1578
Dimethylphthalate	<5ug/l		SA1578
Acenaphthylene	<5ug/l		SA1578
2,6-Dinitrotoluene	<5ug/l		SA1578
3-Nitroaniline	<50ug/l		SA1578
Acenaphthene	<5ug/l		SA1578
2,4-Dinitrophenol	<50ug/l		SA1578
4-Nitrophenol	<50ug/l		SA1578
Dibenzofuran	<5ug/l		SA1578
2,4-Dinitrotoluene	<5ug/l		SA1578
Diethylphthalate	<5ug/l		SA1578
4-Chlorophenylphenylether	<5ug/l		SA1578
Fluorene	<5ug/l		SA1578
4-Nitroaniline	<50ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-6 0920H 05/20/98 G

ULI I.D.: 14698026 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<50ug/l		SA1578
n-Nitrosodiphenylamine	<5ug/l		SA1578
4-Bromophenylphenylether	<5ug/l		SA1578
Hexachlorobenzene	<5ug/l		SA1578
Pentachlorophenol	<10ug/l		SA1578
Phenanthrene	<5ug/l		SA1578
Anthracene	<5ug/l		SA1578
Carbazole	<5ug/l		SA1578
di-n-butylphthalate	<5ug/l		SA1578
Fluoranthene	<5ug/l		SA1578
Pyrene	<5ug/l		SA1578
Butylbenzylphthalate	<5ug/l		SA1578
3,3'-Dichlorobenzidine	<5ug/l		SA1578
Benzo(a)anthracene	<5ug/l		SA1578
Chrysene	<5ug/l		SA1578
bis(2-Ethylhexyl)phthalate	<5ug/l		SA1578
di-n-octylphthalate	<5ug/l		SA1578
Benzo(b)fluoranthene	<5ug/l		SA1578
Benzo(k)fluoranthene	<5ug/l		SA1578
Benzo(a)pyrene	<5ug/l		SA1578
Indeno(1,2,3-cd)pyrene	<5ug/l		SA1578
Dibenzo(a,h)anthracene	<5ug/l		SA1578
Benzo(ghi)perylene	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-1 0700H 05/21/98 G

ULI I.D.: 14698027 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	24ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	<3ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	<3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<7ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC: _____
Lab I.D.: 10170

BURRELL SB-1 0700H 05/21/98 G

ULI I.D.: 14698027 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<7ug/l	23	SA1578
2-Chlorophenol	<7ug/l	23	SA1578
1,3-Dichlorobenzene	<7ug/l	23	SA1578
1,4-Dichlorobenzene	<7ug/l	23	SA1578
1,2-Dichlorobenzene	<7ug/l	23	SA1578
2-Methylphenol	<7ug/l	23	SA1578
2,2'-Oxybis(1-Chloropropane)	<7ug/l	23	SA1578
4-Methylphenol	<7ug/l	23	SA1578
n-Nitrosodi-n-propylamine	<7ug/l	23	SA1578
Hexachloroethane	<7ug/l	23	SA1578
Nitrobenzene	<7ug/l	23	SA1578
Isophorone	<7ug/l	23	SA1578
2-Nitrophenol	<7ug/l	23	SA1578
2,4-Dimethylphenol	<7ug/l	23	SA1578
bis(2-Chloroethoxy)methane	<7ug/l	23	SA1578
2,4-Dichlorophenol	<7ug/l	23	SA1578
1,2,4-Trichlorobenzene	<7ug/l	23	SA1578
Naphthalene	<7ug/l	23	SA1578
4-Chloroaniline	<7ug/l	23	SA1578
Hexachlorobutadiene	<7ug/l	23	SA1578
4-Chloro-3-methylphenol	<7ug/l	23	SA1578
2-Methylnaphthalene	<7ug/l	23	SA1578
Hexachlorocyclopentadiene	<7ug/l	23	SA1578
2,4,6-Trichlorophenol	<7ug/l	23	SA1578
2,4,5-Trichlorophenol	<7ug/l	23	SA1578
2-Chloronaphthalene	<7ug/l	23	SA1578
2-Nitroaniline	<69ug/l	23	SA1578
Dimethylphthalate	<7ug/l	23	SA1578
Acenaphthylene	<7ug/l	23	SA1578
2,6-Dinitrotoluene	<7ug/l	23	SA1578
3-Nitroaniline	<69ug/l	23	SA1578
Acenaphthene	<7ug/l	23	SA1578
2,4-Dinitrophenol	<69ug/l	23	SA1578
4-Nitrophenol	<69ug/l	23	SA1578
Dibenzofuran	<7ug/l	23	SA1578
2,4-Dinitrotoluene	<7ug/l	23	SA1578
Diethylphthalate	<7ug/l	23	SA1578
4-Chlorophenylphenylether	<7ug/l	23	SA1578
Fluorene	<7ug/l	23	SA1578
4-Nitroaniline	<69ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-1 0700H 05/21/98 G

ULI I.D.: 14698027 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<69ug/l	23	SA1578
n-Nitrosodiphenylamine	<7ug/l	23	SA1578
4-Bromophenylphenylether	<7ug/l	23	SA1578
Hexachlorobenzene	<7ug/l	23	SA1578
Pentachlorophenol	<16ug/l	23	SA1578
Phenanthrene	<7ug/l	23	SA1578
Anthracene	<7ug/l	23	SA1578
Carbazole	<7ug/l	23	SA1578
di-n-butylphthalate	<7ug/l	23	SA1578
Fluoranthene	<7ug/l	23	SA1578
Pyrene	<7ug/l	23	SA1578
Butylbenzylphthalate	<7ug/l	23	SA1578
3,3'-Dichlorobenzidine	<7ug/l	23	SA1578
Benzo(a)anthracene	<7ug/l	23	SA1578
Chrysene	<7ug/l	23	SA1578
bis(2-Ethylhexyl)phthalate	<7ug/l	23	SA1578
di-n-octylphthalate	<7ug/l	23	SA1578
Benzo(b)fluoranthene	<7ug/l	23	SA1578
Benzo(k)fluoranthene	<7ug/l	23	SA1578
Benzo(a)pyrene	<7ug/l	23	SA1578
Indeno(1,2,3-cd)pyrene	<7ug/l	23	SA1578
Dibenzo(a,h)anthracene	<7ug/l	23	SA1578
Benzo(ghi)perylene	<7ug/l	23	SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-5 1350H 05/20/98 G

ULI I.D.: 14698028 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1900
Bromomethane	<3ug/l		VM1900
Vinyl Chloride	<2ug/l		VM1900
Chloroethane	<3ug/l		VM1900
Methylene Chloride	<3ug/l		VM1900
Acetone	14ug/l		VM1900
Carbon Disulfide	<3ug/l		VM1900
1,1-Dichloroethene	<3ug/l		VM1900
1,1-Dichloroethane	<3ug/l		VM1900
trans-1,2-Dichloroethene	<3ug/l		VM1900
cis-1,2-Dichloroethene	<3ug/l		VM1900
Chloroform	<3ug/l		VM1900
1,2-Dichloroethane	<3ug/l		VM1900
2-Butanone	<10ug/l		VM1900
1,1,1-Trichloroethane	<3ug/l		VM1900
Carbon Tetrachloride	<3ug/l		VM1900
Bromodichloromethane	<3ug/l		VM1900
1,2-Dichloropropane	<3ug/l		VM1900
cis-1,3-Dichloropropene	<3ug/l		VM1900
Trichloroethene	<3ug/l		VM1900
Dibromochloromethane	<3ug/l		VM1900
1,1,2-Trichloroethane	<3ug/l		VM1900
Benzene	<3ug/l		VM1900
trans-1,3-Dichloropropene	<3ug/l		VM1900
Bromoform	<3ug/l		VM1900
4-Methyl-2-pentanone	<10ug/l		VM1900
2-Hexanone	<10ug/l		VM1900
Tetrachloroethene	<3ug/l		VM1900
1,1,2,2-Tetrachloroethane	<3ug/l		VM1900
Toluene	<3ug/l		VM1900
Chlorobenzene	<3ug/l		VM1900
Ethylbenzene	<3ug/l		VM1900
Styrene	<3ug/l		VM1900
m-Xylene and p-Xylene	<3ug/l		VM1900
o-Xylene	<3ug/l		VM1900
TCL Semivolatiles by EPA Method 8270			
Phenol	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-5 1350H 05/20/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698028 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<5ug/l		SA1578
2-Chlorophenol	<5ug/l		SA1578
1,3-Dichlorobenzene	<5ug/l		SA1578
1,4-Dichlorobenzene	<5ug/l		SA1578
1,2-Dichlorobenzene	<5ug/l		SA1578
2-Methylphenol	<5ug/l		SA1578
2,2'-Oxybis(1-Chloropropane)	<5ug/l		SA1578
4-Methylphenol	<5ug/l		SA1578
n-Nitrosodi-n-propylamine	<5ug/l		SA1578
Hexachloroethane	<5ug/l		SA1578
Nitrobenzene	<5ug/l		SA1578
Isophorone	<5ug/l		SA1578
2-Nitrophenol	<5ug/l		SA1578
2,4-Dimethylphenol	<5ug/l		SA1578
bis(2-Chloroethoxy)methane	<5ug/l		SA1578
2,4-Dichlorophenol	<5ug/l		SA1578
1,2,4-Trichlorobenzene	<5ug/l		SA1578
Naphthalene	<5ug/l		SA1578
4-Chloroaniline	<5ug/l		SA1578
Hexachlorobutadiene	<5ug/l		SA1578
4-Chloro-3-methylphenol	<5ug/l		SA1578
2-Methylnaphthalene	<5ug/l		SA1578
Hexachlorocyclopentadiene	<5ug/l		SA1578
2,4,6-Trichlorophenol	<5ug/l		SA1578
2,4,5-Trichlorophenol	<5ug/l		SA1578
2-Chloronaphthalene	<5ug/l		SA1578
2-Nitroaniline	<50ug/l		SA1578
Dimethylphthalate	<5ug/l		SA1578
Acenaphthylene	<5ug/l		SA1578
2,6-Dinitrotoluene	<5ug/l		SA1578
3-Nitroaniline	<50ug/l		SA1578
Acenaphthene	<5ug/l		SA1578
2,4-Dinitrophenol	<50ug/l		SA1578
4-Nitrophenol	<50ug/l		SA1578
Dibenzofuran	<5ug/l		SA1578
2,4-Dinitrotoluene	<5ug/l		SA1578
Diethylphthalate	<5ug/l		SA1578
4-Chlorophenylphenylether	<5ug/l		SA1578
Fluorene	<5ug/l		SA1578
4-Nitroaniline	<50ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-5 1350H 05/20/98 G

ULI I.D.: 14698028 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<50ug/l		SA1578
n-Nitrosodiphenylamine	<5ug/l		SA1578
4-Bromophenylphenylether	<5ug/l		SA1578
Hexachlorobenzene	<5ug/l		SA1578
Pentachlorophenol	<10ug/l		SA1578
Phenanthrene	<5ug/l		SA1578
Anthracene	<5ug/l		SA1578
Carbazole	<5ug/l		SA1578
di-n-butylphthalate	<5ug/l		SA1578
Fluoranthene	<5ug/l		SA1578
Pyrene	<5ug/l		SA1578
Butylbenzylphthalate	<5ug/l		SA1578
3,3'-Dichlorobenzidine	<5ug/l		SA1578
Benzo(a)anthracene	<5ug/l		SA1578
Chrysene	<5ug/l		SA1578
bis(2-Ethylhexyl)phthalate	7ug/l		SA1578
di-n-octylphthalate	<5ug/l		SA1578
Benzo(b)fluoranthene	<5ug/l		SA1578
Benzo(k)fluoranthene	<5ug/l		SA1578
Benzo(a)pyrene	<5ug/l		SA1578
Indeno(1,2,3-cd)pyrene	<5ug/l		SA1578
Dibenzo(a,h)anthracene	<5ug/l		SA1578
Benzo(ghi)perylene	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-2 0830H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698029 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/l		VM1908
Bromomethane	<3ug/l		VM1908
Vinyl Chloride	<2ug/l		VM1908
Chloroethane	<3ug/l		VM1908
Methylene Chloride	<3ug/l		VM1908
Acetone	<10ug/l		VM1908
Carbon Disulfide	<3ug/l		VM1908
1,1-Dichloroethene	<3ug/l		VM1908
1,1-Dichloroethane	<3ug/l		VM1908
trans-1,2-Dichloroethene	<3ug/l		VM1908
cis-1,2-Dichloroethene	<3ug/l		VM1908
Chloroform	<3ug/l		VM1908
1,2-Dichloroethane	<3ug/l		VM1908
2-Butanone	<10ug/l		VM1908
1,1,1-Trichloroethane	<3ug/l		VM1908
Carbon Tetrachloride	<3ug/l		VM1908
Bromodichloromethane	<3ug/l		VM1908
1,2-Dichloropropane	<3ug/l		VM1908
cis-1,3-Dichloropropene	<3ug/l		VM1908
Trichloroethene	<3ug/l		VM1908
Dibromochloromethane	<3ug/l		VM1908
1,1,2-Trichloroethane	<3ug/l		VM1908
Benzene	<3ug/l		VM1908
trans-1,3-Dichloropropene	<3ug/l		VM1908
Bromoform	<3ug/l		VM1908
4-Methyl-2-pentanone	<10ug/l		VM1908
2-Hexanone	<10ug/l		VM1908
Tetrachloroethene	<3ug/l		VM1908
1,1,2,2-Tetrachloroethane	<3ug/l		VM1908
Toluene	<3ug/l		VM1908
Chlorobenzene	<3ug/l		VM1908
Ethylbenzene	<3ug/l		VM1908
Styrene	<3ug/l		VM1908
m-Xylene and p-Xylene	<3ug/l		VM1908
o-Xylene	<3ug/l		VM1908
TCL Semivolatiles by EPA Method 8270			
Phenol	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-2 0830H 05/21/98 G

ULI I.D.: 14698029 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
bis(2-Chloroethyl)ether	<5ug/l		SA1578
2-Chlorophenol	<5ug/l		SA1578
1,3-Dichlorobenzene	<5ug/l		SA1578
1,4-Dichlorobenzene	<5ug/l		SA1578
1,2-Dichlorobenzene	<5ug/l		SA1578
2-Methylphenol	<5ug/l		SA1578
2,2'-Oxybis(1-Chloropropane)	<5ug/l		SA1578
4-Methylphenol	<5ug/l		SA1578
n-Nitrosodi-n-propylamine	<5ug/l		SA1578
Hexachloroethane	<5ug/l		SA1578
Nitrobenzene	<5ug/l		SA1578
Isophorone	<5ug/l		SA1578
2-Nitrophenol	<5ug/l		SA1578
2,4-Dimethylphenol	<5ug/l		SA1578
bis(2-Chloroethoxy)methane	<5ug/l		SA1578
2,4-Dichlorophenol	<5ug/l		SA1578
1,2,4-Trichlorobenzene	<5ug/l		SA1578
Naphthalene	<5ug/l		SA1578
4-Chloroaniline	<5ug/l		SA1578
Hexachlorobutadiene	<5ug/l		SA1578
4-Chloro-3-methylphenol	<5ug/l		SA1578
2-Methylnaphthalene	<5ug/l		SA1578
Hexachlorocyclopentadiene	<5ug/l		SA1578
2,4,6-Trichlorophenol	<5ug/l		SA1578
2,4,5-Trichlorophenol	<5ug/l		SA1578
2-Chloronaphthalene	<5ug/l		SA1578
2-Nitroaniline	<50ug/l		SA1578
Dimethylphthalate	<5ug/l		SA1578
Acenaphthylene	<5ug/l		SA1578
2,6-Dinitrotoluene	<5ug/l		SA1578
3-Nitroaniline	<50ug/l		SA1578
Acenaphthene	<5ug/l		SA1578
2,4-Dinitrophenol	<50ug/l		SA1578
4-Nitrophenol	<50ug/l		SA1578
Dibenzofuran	<5ug/l		SA1578
2,4-Dinitrotoluene	<5ug/l		SA1578
Diethylphthalate	<5ug/l		SA1578
4-Chlorophenylphenylether	<5ug/l		SA1578
Fluorene	<5ug/l		SA1578
4-Nitroaniline	<50ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-2 0830H 05/21/98 G

ULI I.D.: 14698029 Matrix: Water

PARAMETERS	RESULTS	KEY	FILE#
2-Methyl-4,6-dinitrophenol	<50ug/l		SA1578
n-Nitrosodiphenylamine	<5ug/l		SA1578
4-Bromophenylphenylether	<5ug/l		SA1578
Hexachlorobenzene	<5ug/l		SA1578
Pentachlorophenol	<10ug/l		SA1578
Phenanthrene	<5ug/l		SA1578
Anthracene	<5ug/l		SA1578
Carbazole	<5ug/l		SA1578
di-n-butylphthalate	<5ug/l		SA1578
Fluoranthene	<5ug/l		SA1578
Pyrene	<5ug/l		SA1578
Butylbenzylphthalate	<5ug/l		SA1578
3,3'-Dichlorobenzidine	<5ug/l		SA1578
Benzo(a)anthracene	<5ug/l		SA1578
Chrysene	<5ug/l		SA1578
bis(2-Ethylhexyl)phthalate	7ug/l		SA1578
di-n-octylphthalate	<5ug/l		SA1578
Benzo(b)fluoranthene	<5ug/l		SA1578
Benzo(k)fluoranthene	<5ug/l		SA1578
Benzo(a)pyrene	<5ug/l		SA1578
Indeno(1,2,3-cd)pyrene	<5ug/l		SA1578
Dibenzo(a,h)anthracene	<5ug/l		SA1578
Benzo(ghi)perylene	<5ug/l		SA1578

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-9 (0-1) 1050H 05/20/98 G

ULI I.D.: 14698030 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	pH	10.9SU		WC1861
	Percent Solids	91%		WC1829
Total	Arsenic by furnace method	4.7mg/kg dw		MA9992
Total	Barium	<35mg/kg dw		MA9983
Total	Cadmium	4.0mg/kg dw		MA9975
Total	Chromium	22mg/kg dw		MA9975
Total	Lead	19mg/kg dw		MA9975
Total	Mercury	<0.22mg/kg dw		MA9978
Total	Selenium by furnace method	<0.11mg/kg dw		MA9967
Total	Silver	<5mg/kg dw		MA9975

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-2 (10-12) 0810H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698031 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	73%		WC1829
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1915
Bromomethane	<4ug/kg dw		VM1915
Vinyl Chloride	<3ug/kg dw		VM1915
Chloroethane	<4ug/kg dw		VM1915
Methylene Chloride	8ug/kg dw	44	VM1915
Acetone	<14ug/kg dw		VM1915
Carbon Disulfide	<4ug/kg dw		VM1915
1,1-Dichloroethene	<4ug/kg dw		VM1915
1,1-Dichloroethane	<4ug/kg dw		VM1915
trans-1,2-Dichloroethene	<4ug/kg dw		VM1915
cis-1,2-Dichloroethene	<4ug/kg dw		VM1915
Chloroform	<4ug/kg dw		VM1915
1,2-Dichloroethane	<4ug/kg dw		VM1915
2-Butanone	<14ug/kg dw		VM1915
1,1,1-Trichloroethane	<4ug/kg dw		VM1915
Carbon Tetrachloride	<4ug/kg dw		VM1915
Bromodichloromethane	<4ug/kg dw		VM1915
1,2-Dichloropropane	<4ug/kg dw		VM1915
cis-1,3-Dichloropropene	<4ug/kg dw		VM1915
Trichloroethene	<4ug/kg dw		VM1915
Dibromochloromethane	<4ug/kg dw		VM1915
1,1,2-Trichloroethane	<4ug/kg dw		VM1915
Benzene	<4ug/kg dw		VM1915
trans-1,3-Dichloropropene	<4ug/kg dw		VM1915
Bromoform	<4ug/kg dw		VM1915
4-Methyl-2-pentanone	<14ug/kg dw		VM1915
2-Hexanone	<14ug/kg dw		VM1915
Tetrachloroethene	<4ug/kg dw		VM1915
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1915
Toluene	<4ug/kg dw		VM1915
Chlorobenzene	<4ug/kg dw		VM1915
Ethylbenzene	<4ug/kg dw		VM1915
Styrene	<4ug/kg dw		VM1915
m-Xylene and p-Xylene	<4ug/kg dw		VM1915
o-Xylene	<4ug/kg dw		VM1915
TCL Semivolatiles by EPA Method 8270			

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
BURRELL SB-2 (10-12) 0810H 05/21/98 G

ULI I.D.: 14698031 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Phenol	<450ug/kg dw		SA1585
bis(2-Chloroethyl)ether	<450ug/kg dw		SA1585
2-Chlorophenol	<450ug/kg dw		SA1585
1,3-Dichlorobenzene	<450ug/kg dw		SA1585
1,4-Dichlorobenzene	<450ug/kg dw		SA1585
1,2-Dichlorobenzene	<450ug/kg dw		SA1585
2-Methylphenol	<450ug/kg dw		SA1585
2,2'-Oxybis(1-Chloropropane)	<450ug/kg dw		SA1585
4-Methylphenol	<450ug/kg dw		SA1585
n-Nitrosodi-n-propylamine	<450ug/kg dw		SA1585
Hexachloroethane	<450ug/kg dw		SA1585
Nitrobenzene	<450ug/kg dw		SA1585
Isophorone	<450ug/kg dw		SA1585
2-Nitrophenol	<450ug/kg dw		SA1585
2,4-Dimethylphenol	<450ug/kg dw		SA1585
bis(2-Chloroethoxy)methane	<450ug/kg dw		SA1585
2,4-Dichlorophenol	<450ug/kg dw		SA1585
1,2,4-Trichlorobenzene	<450ug/kg dw		SA1585
Naphthalene	<450ug/kg dw		SA1585
4-Chloroaniline	<450ug/kg dw		SA1585
Hexachlorobutadiene	<450ug/kg dw		SA1585
4-Chloro-3-methylphenol	<450ug/kg dw		SA1585
2-Methylnaphthalene	<450ug/kg dw		SA1585
Hexachlorocyclopentadiene	<450ug/kg dw		SA1585
2,4,6-Trichlorophenol	<450ug/kg dw		SA1585
2,4,5-Trichlorophenol	<450ug/kg dw		SA1585
2-Chloronaphthalene	<450ug/kg dw		SA1585
2-Nitroaniline	<2200ug/kg dw		SA1585
Dimethylphthalate	<450ug/kg dw		SA1585
Acenaphthylene	<450ug/kg dw		SA1585
2,6-Dinitrotoluene	<450ug/kg dw		SA1585
3-Nitroaniline	<2200ug/kg dw		SA1585
Acenaphthene	<450ug/kg dw		SA1585
2,4-Dinitrophenol	<2200ug/kg dw		SA1585
4-Nitrophenol	<2200ug/kg dw		SA1585
Dibenzofuran	<450ug/kg dw		SA1585
2,4-Dinitrotoluene	<450ug/kg dw		SA1585
Diethylphthalate	<450ug/kg dw		SA1585
4-Chlorophenylphenylether	<450ug/kg dw		SA1585
Fluorene	<450ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-2 (10-12) 0810H 05/21/98 G

ULI I.D.: 14698031 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
4-Nitroaniline	<2200ug/kg dw		SA1585
2-Methyl-4,6-dinitrophenol	<2200ug/kg dw		SA1585
n-Nitrosodiphenylamine	<450ug/kg dw		SA1585
4-Bromophenylphenylether	<450ug/kg dw		SA1585
Hexachlorobenzene	<450ug/kg dw		SA1585
Pentachlorophenol	<900ug/kg dw		SA1585
Phenanthrene	910ug/kg dw		SA1585
Anthracene	<450ug/kg dw		SA1585
Carbazole	<450ug/kg dw		SA1585
di-n-butylphthalate	<450ug/kg dw		SA1585
Fluoranthene	2200ug/kg dw		SA1585
Pyrene	2800ug/kg dw		SA1585
Butylbenzylphthalate	<450ug/kg dw		SA1585
3,3'-Dichlorobenzidine	<450ug/kg dw		SA1585
Benzo(a)anthracene	1200ug/kg dw		SA1585
Chrysene	1100ug/kg dw		SA1585
bis(2-Ethylhexyl)phthalate	5000ug/kg dw		SA1585
di-n-octylphthalate	<450ug/kg dw		SA1585
Benzo(b)fluoranthene	1300ug/kg dw		SA1585
Benzo(k)fluoranthene	560ug/kg dw		SA1585
Benzo(a)pyrene	920ug/kg dw		SA1585
Indeno(1,2,3-cd)pyrene	<450ug/kg dw		SA1585
Dibenzo(a,h)anthracene	<450ug/kg dw		SA1585
Benzo(ghi)perylene	<450ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-10 (4-5) 0747H 05/20/98 G

ULI I.D.: 14698032 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	pH	8.7SU		WC1861
	Percent Solids	85%		WC1829
Total	Arsenic by furnace method	2.3mg/kg dw		MA9992
Total	Barium	<35mg/kg dw		MA9983
Total	Cadmium	2.4mg/kg dw		MA9975
Total	Chromium	<6mg/kg dw		MA9975
Total	Lead	31mg/kg dw		MA9975
Total	Mercury	<0.24mg/kg dw		MA9978
Total	Selenium by furnace method	0.29mg/kg dw		MA9967
Total	Silver	<6mg/kg dw		MA9975

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-10 (4-5) 0747H 05/20/98 G

ULI I.D.: 14698032 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	pH	8.7SU		WC1861
	Percent Solids	85%		WC1829
Total	Arsenic by furnace method			
Total	Barium	<35mg/kg dw		MA9983
Total	Cadmium	2.4mg/kg dw		MA9975
Total	Chromium	<6mg/kg dw		MA9975
Total	Lead	31mg/kg dw		MA9975
Total	Mercury	<0.24mg/kg dw		MA9978
Total	Selenium by furnace method	0.29mg/kg dw		MA9967
Total	Silver	<6mg/kg dw		MA9975

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-1 (12-14) 0725H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698033 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	84%		WC1829
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1915
Bromomethane	<4ug/kg dw		VM1915
Vinyl Chloride	<2ug/kg dw		VM1915
Chloroethane	<4ug/kg dw		VM1915
Methylene Chloride	10ug/kg dw	44	VM1915
Acetone	30ug/kg dw	44	VM1915
Carbon Disulfide	<4ug/kg dw		VM1915
1,1-Dichloroethene	<4ug/kg dw		VM1915
1,1-Dichloroethane	<4ug/kg dw		VM1915
trans-1,2-Dichloroethene	<4ug/kg dw		VM1915
cis-1,2-Dichloroethene	<4ug/kg dw		VM1915
Chloroform	<4ug/kg dw		VM1915
1,2-Dichloroethane	<4ug/kg dw		VM1915
2-Butanone	<12ug/kg dw		VM1915
1,1,1-Trichloroethane	<4ug/kg dw		VM1915
Carbon Tetrachloride	<4ug/kg dw		VM1915
Bromodichloromethane	<4ug/kg dw		VM1915
1,2-Dichloropropane	<4ug/kg dw		VM1915
cis-1,3-Dichloropropene	<4ug/kg dw		VM1915
Trichloroethene	<4ug/kg dw		VM1915
Dibromochloromethane	<4ug/kg dw		VM1915
1,1,2-Trichloroethane	<4ug/kg dw		VM1915
Benzene	<4ug/kg dw		VM1915
trans-1,3-Dichloropropene	<4ug/kg dw		VM1915
Bromoform	<4ug/kg dw		VM1915
4-Methyl-2-pentanone	<12ug/kg dw		VM1915
2-Hexanone	<12ug/kg dw		VM1915
Tetrachloroethene	<4ug/kg dw		VM1915
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1915
Toluene	<4ug/kg dw		VM1915
Chlorobenzene	<4ug/kg dw		VM1915
Ethylbenzene	<4ug/kg dw		VM1915
Styrene	<4ug/kg dw		VM1915
m-Xylene and p-Xylene	<4ug/kg dw		VM1915
o-Xylene	<4ug/kg dw		VM1915
TCL Semivolatiles by EPA Method 8270			

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-1 (12-14) 0725H 05/21/98 G

ULI I.D.: 14698033 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Phenol	<390ug/kg dw		SA1585
bis(2-Chloroethyl)ether	<390ug/kg dw		SA1585
2-Chlorophenol	<390ug/kg dw		SA1585
1,3-Dichlorobenzene	<390ug/kg dw		SA1585
1,4-Dichlorobenzene	<390ug/kg dw		SA1585
1,2-Dichlorobenzene	<390ug/kg dw		SA1585
2-Methylphenol	<390ug/kg dw		SA1585
2,2'-Oxybis(1-Chloropropane)	<390ug/kg dw		SA1585
4-Methylphenol	<390ug/kg dw		SA1585
n-Nitrosodi-n-propylamine	<390ug/kg dw		SA1585
Hexachloroethane	<390ug/kg dw		SA1585
Nitrobenzene	<390ug/kg dw		SA1585
Isophorone	<390ug/kg dw		SA1585
2-Nitrophenol	<390ug/kg dw		SA1585
2,4-Dimethylphenol	<390ug/kg dw		SA1585
bis(2-Chloroethoxy)methane	<390ug/kg dw		SA1585
2,4-Dichlorophenol	<390ug/kg dw		SA1585
1,2,4-Trichlorobenzene	<390ug/kg dw		SA1585
Naphthalene	<390ug/kg dw		SA1585
4-Chloroaniline	<390ug/kg dw		SA1585
Hexachlorobutadiene	<390ug/kg dw		SA1585
4-Chloro-3-methylphenol	<390ug/kg dw		SA1585
2-Methylnaphthalene	<390ug/kg dw		SA1585
Hexachlorocyclopentadiene	<390ug/kg dw		SA1585
2,4,6-Trichlorophenol	<390ug/kg dw		SA1585
2,4,5-Trichlorophenol	<390ug/kg dw		SA1585
2-Chloronaphthalene	<390ug/kg dw		SA1585
2-Nitroaniline	<1900ug/kg dw		SA1585
Dimethylphthalate	<390ug/kg dw		SA1585
Acenaphthylene	<390ug/kg dw		SA1585
2,6-Dinitrotoluene	<390ug/kg dw		SA1585
3-Nitroaniline	<1900ug/kg dw		SA1585
Acenaphthene	<390ug/kg dw		SA1585
2,4-Dinitrophenol	<1900ug/kg dw		SA1585
4-Nitrophenol	<1900ug/kg dw		SA1585
Dibenzofuran	<390ug/kg dw		SA1585
2,4-Dinitrotoluene	<390ug/kg dw		SA1585
Diethylphthalate	<390ug/kg dw		SA1585
4-Chlorophenylphenylether	<390ug/kg dw		SA1585
Fluorene	<390ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-1 (12-14) 0725H 05/21/98 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 14698033 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
4-Nitroaniline	<1900ug/kg dw		SA1585
2-Methyl-4,6-dinitrophenol	<1900ug/kg dw		SA1585
n-Nitrosodiphenylamine	<390ug/kg dw		SA1585
4-Bromophenylphenylether	<390ug/kg dw		SA1585
Hexachlorobenzene	<390ug/kg dw		SA1585
Pentachlorophenol	<780ug/kg dw		SA1585
Phenanthrene	<390ug/kg dw		SA1585
Anthracene	<390ug/kg dw		SA1585
Carbazole	<390ug/kg dw		SA1585
di-n-butylphthalate	<390ug/kg dw		SA1585
Fluoranthene	<390ug/kg dw		SA1585
Pyrene	<390ug/kg dw		SA1585
Butylbenzylphthalate	<390ug/kg dw		SA1585
3,3'-Dichlorobenzidine	<390ug/kg dw		SA1585
Benzo(a)anthracene	<390ug/kg dw		SA1585
Chrysene	<390ug/kg dw		SA1585
bis(2-Ethylhexyl)phthalate	<390ug/kg dw		SA1585
di-n-octylphthalate	<390ug/kg dw		SA1585
Benzo(b)fluoranthene	<390ug/kg dw		SA1585
Benzo(k)fluoranthene	<390ug/kg dw		SA1585
Benzo(a)pyrene	<390ug/kg dw		SA1585
Indeno(1,2,3-cd)pyrene	<390ug/kg dw		SA1585
Dibenzo(a,h)anthracene	<390ug/kg dw		SA1585
Benzo(ghi)perylene	<390ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-8 (2-4) 0903H 05/21/98 G

ULI I.D.: 14698034 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	69%		WC1829
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1915
Bromomethane	<4ug/kg dw		VM1915
Vinyl Chloride	<3ug/kg dw		VM1915
Chloroethane	<4ug/kg dw		VM1915
Methylene Chloride	8ug/kg dw	44	VM1915
Acetone	210ug/kg dw	44	VM1915
Carbon Disulfide	<4ug/kg dw		VM1915
1,1-Dichloroethene	<4ug/kg dw		VM1915
1,1-Dichloroethane	<4ug/kg dw		VM1915
trans-1,2-Dichloroethene	<4ug/kg dw		VM1915
cis-1,2-Dichloroethene	<4ug/kg dw		VM1915
Chloroform	5ug/kg dw		VM1915
1,2-Dichloroethane	<4ug/kg dw		VM1915
2-Butanone	<14ug/kg dw		VM1915
1,1,1-Trichloroethane	<4ug/kg dw		VM1915
Carbon Tetrachloride	<4ug/kg dw		VM1915
Bromodichloromethane	<4ug/kg dw		VM1915
1,2-Dichloropropane	<4ug/kg dw		VM1915
cis-1,3-Dichloropropene	<4ug/kg dw		VM1915
Trichloroethene	<4ug/kg dw		VM1915
Dibromochloromethane	<4ug/kg dw		VM1915
1,1,2-Trichloroethane	<4ug/kg dw		VM1915
Benzene	<4ug/kg dw		VM1915
trans-1,3-Dichloropropene	<4ug/kg dw		VM1915
Bromoform	<4ug/kg dw		VM1915
4-Methyl-2-pentanone	<14ug/kg dw		VM1915
2-Hexanone	<14ug/kg dw		VM1915
Tetrachloroethene	<4ug/kg dw		VM1915
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1915
Toluene	<4ug/kg dw		VM1915
Chlorobenzene	<4ug/kg dw		VM1915
Ethylbenzene	<4ug/kg dw		VM1915
Styrene	<4ug/kg dw		VM1915
m-Xylene and p-Xylene	<4ug/kg dw		VM1915
o-Xylene	<4ug/kg dw		VM1915
TCL Semivolatiles by EPA Method 8270			

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-8 (2-4) 0903H 05/21/98 G

ULI I.D.: 14698034 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Phenol	<480ug/kg dw		SA1585
bis(2-Chloroethyl)ether	<480ug/kg dw		SA1585
2-Chlorophenol	<480ug/kg dw		SA1585
1,3-Dichlorobenzene	<480ug/kg dw		SA1585
1,4-Dichlorobenzene	<480ug/kg dw		SA1585
1,2-Dichlorobenzene	<480ug/kg dw		SA1585
2-Methylphenol	<480ug/kg dw		SA1585
2,2'-Oxybis(1-Chloropropane)	<480ug/kg dw		SA1585
4-Methylphenol	<480ug/kg dw		SA1585
n-Nitrosodi-n-propylamine	<480ug/kg dw		SA1585
Hexachloroethane	<480ug/kg dw		SA1585
Nitrobenzene	<480ug/kg dw		SA1585
Isophorone	<480ug/kg dw		SA1585
2-Nitrophenol	<480ug/kg dw		SA1585
2,4-Dimethylphenol	<480ug/kg dw		SA1585
bis(2-Chloroethoxy)methane	<480ug/kg dw		SA1585
2,4-Dichlorophenol	<480ug/kg dw		SA1585
1,2,4-Trichlorobenzene	<480ug/kg dw		SA1585
Naphthalene	<480ug/kg dw		SA1585
4-Chloroaniline	<480ug/kg dw		SA1585
Hexachlorobutadiene	<480ug/kg dw		SA1585
4-Chloro-3-methylphenol	<480ug/kg dw		SA1585
2-Methylnaphthalene	<480ug/kg dw		SA1585
Hexachlorocyclopentadiene	<480ug/kg dw		SA1585
2,4,6-Trichlorophenol	<480ug/kg dw		SA1585
2,4,5-Trichlorophenol	<480ug/kg dw		SA1585
2-Chloronaphthalene	<480ug/kg dw		SA1585
2-Nitroaniline	<2300ug/kg dw		SA1585
Dimethylphthalate	<480ug/kg dw		SA1585
Acenaphthylene	<480ug/kg dw		SA1585
2,6-Dinitrotoluene	<480ug/kg dw		SA1585
3-Nitroaniline	<2300ug/kg dw		SA1585
Acenaphthene	<480ug/kg dw		SA1585
2,4-Dinitrophenol	<2300ug/kg dw		SA1585
4-Nitrophenol	<2300ug/kg dw		SA1585
Dibenzofuran	<480ug/kg dw		SA1585
2,4-Dinitrotoluene	<480ug/kg dw		SA1585
Diethylphthalate	<480ug/kg dw		SA1585
4-Chlorophenylphenylether	<480ug/kg dw		SA1585
Fluorene	<480ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-8 (2-4) 0903H 05/21/98 G

ULI I.D.: 14698034 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
4-Nitroaniline	<2300ug/kg dw		SA1585
2-Methyl-4,6-dinitrophenol	<2300ug/kg dw		SA1585
n-Nitrosodiphenylamine	<480ug/kg dw		SA1585
4-Bromophenylphenylether	<480ug/kg dw		SA1585
Hexachlorobenzene	<480ug/kg dw		SA1585
Pentachlorophenol	<960ug/kg dw		SA1585
Phenanthrene	2200ug/kg dw		SA1585
Anthracene	680ug/kg dw		SA1585
Carbazole	<480ug/kg dw		SA1585
di-n-butylphthalate	<480ug/kg dw		SA1585
Fluoranthene	2500ug/kg dw		SA1585
Pyrene	2000ug/kg dw		SA1585
Butylbenzylphthalate	<480ug/kg dw		SA1585
3,3'-Dichlorobenzidine	<480ug/kg dw		SA1585
Benzo(a)anthracene	1100ug/kg dw		SA1585
Chrysene	1000ug/kg dw		SA1585
bis(2-Ethylhexyl)phthalate	<480ug/kg dw		SA1585
di-n-octylphthalate	<480ug/kg dw		SA1585
Benzo(b)fluoranthene	1400ug/kg dw		SA1585
Benzo(k)fluoranthene	510ug/kg dw		SA1585
Benzo(a)pyrene	1100ug/kg dw		SA1585
Indeno(1,2,3-cd)pyrene	<480ug/kg dw		SA1585
Dibenzo(a,h)anthracene	<480ug/kg dw		SA1585
Benzo(ghi)perylene	<480ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc. APPROVAL: QS
Analysis Results QC: JJ
Report Number: 14698023 Lab I.D.: 10170
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client BURRELL SB-4 (14-16) 1340H 05/20/98 G

ULI I.D.: 14698035 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	87%		WC1829
Total Cyanide	<1.1mg/kg dw		WC1788
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM1915
Bromomethane	<3ug/kg dw		VM1915
Vinyl Chloride	<2ug/kg dw		VM1915
Chloroethane	<3ug/kg dw		VM1915
Methylene Chloride	12ug/kg dw	44	VM1915
Acetone	<11ug/kg dw		VM1915
Carbon Disulfide	<3ug/kg dw		VM1915
1,1-Dichloroethene	<3ug/kg dw		VM1915
1,1-Dichloroethane	<3ug/kg dw		VM1915
trans-1,2-Dichloroethene	<3ug/kg dw		VM1915
cis-1,2-Dichloroethene	<3ug/kg dw		VM1915
Chloroform	<3ug/kg dw		VM1915
1,2-Dichloroethane	<3ug/kg dw		VM1915
2-Butanone	<11ug/kg dw		VM1915
1,1,1-Trichloroethane	<3ug/kg dw		VM1915
Carbon Tetrachloride	<3ug/kg dw		VM1915
Bromodichloromethane	<3ug/kg dw		VM1915
1,2-Dichloropropane	<3ug/kg dw		VM1915
cis-1,3-Dichloropropene	<3ug/kg dw		VM1915
Trichloroethene	<3ug/kg dw		VM1915
Dibromochloromethane	<3ug/kg dw		VM1915
1,1,2-Trichloroethane	<3ug/kg dw		VM1915
Benzene	<3ug/kg dw		VM1915
trans-1,3-Dichloropropene	<3ug/kg dw		VM1915
Bromoform	<3ug/kg dw		VM1915
4-Methyl-2-pentanone	<11ug/kg dw		VM1915
2-Hexanone	<11ug/kg dw		VM1915
Tetrachloroethene	<3ug/kg dw		VM1915
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM1915
Toluene	<3ug/kg dw		VM1915
Chlorobenzene	<3ug/kg dw		VM1915
Ethylbenzene	<3ug/kg dw		VM1915
Styrene	<3ug/kg dw		VM1915
m-Xylene and p-Xylene	<3ug/kg dw		VM1915
o-Xylene	<3ug/kg dw		VM1915

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
BURRELL SB-4 (14-16) 1340H 05/20/98 G

ULI I.D.: 14698035 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
TCL Semivolatiles by EPA Method 8270			
Phenol	<380ug/kg dw		SA1585
bis(2-Chloroethyl)ether	<380ug/kg dw		SA1585
2-Chlorophenol	<380ug/kg dw		SA1585
1,3-Dichlorobenzene	<380ug/kg dw		SA1585
1,4-Dichlorobenzene	<380ug/kg dw		SA1585
1,2-Dichlorobenzene	<380ug/kg dw		SA1585
2-Methylphenol	<380ug/kg dw		SA1585
2,2'-Oxybis(1-Chloropropane)	<380ug/kg dw		SA1585
4-Methylphenol	<380ug/kg dw		SA1585
n-Nitrosodi-n-propylamine	<380ug/kg dw		SA1585
Hexachloroethane	<380ug/kg dw		SA1585
Nitrobenzene	<380ug/kg dw		SA1585
Isophorone	<380ug/kg dw		SA1585
2-Nitrophenol	<380ug/kg dw		SA1585
2,4-Dimethylphenol	<380ug/kg dw		SA1585
bis(2-Chloroethoxy)methane	<380ug/kg dw		SA1585
2,4-Dichlorophenol	<380ug/kg dw		SA1585
1,2,4-Trichlorobenzene	<380ug/kg dw		SA1585
Naphthalene	<380ug/kg dw		SA1585
4-Chloroaniline	<380ug/kg dw		SA1585
Hexachlorobutadiene	<380ug/kg dw		SA1585
4-Chloro-3-methylphenol	<380ug/kg dw		SA1585
2-Methylnaphthalene	<380ug/kg dw		SA1585
Hexachlorocyclopentadiene	<380ug/kg dw		SA1585
2,4,6-Trichlorophenol	<380ug/kg dw		SA1585
2,4,5-Trichlorophenol	<380ug/kg dw		SA1585
2-Chloronaphthalene	<380ug/kg dw		SA1585
2-Nitroaniline	<1800ug/kg dw		SA1585
Dimethylphthalate	<380ug/kg dw		SA1585
Acenaphthylene	<380ug/kg dw		SA1585
2,6-Dinitrotoluene	<380ug/kg dw		SA1585
3-Nitroaniline	<1800ug/kg dw		SA1585
Acenaphthene	<380ug/kg dw		SA1585
2,4-Dinitrophenol	<1800ug/kg dw		SA1585
4-Nitrophenol	<1800ug/kg dw		SA1585
Dibenzofuran	<380ug/kg dw		SA1585
2,4-Dinitrotoluene	<380ug/kg dw		SA1585
Diethylphthalate	<380ug/kg dw		SA1585

*Walght

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
BURRELL SB-4 (14-16) 1340H 05/20/98 G

ULI I.D.: 14698035 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
4-Chlorophenylphenylether	<380ug/kg dw		SA1585
Fluorene	<380ug/kg dw		SA1585
4-Nitroaniline	<1800ug/kg dw		SA1585
2-Methyl-4,6-dinitrophenol	<1800ug/kg dw		SA1585
n-Nitrosodiphenylamine	<380ug/kg dw		SA1585
4-Bromophenylphenylether	<380ug/kg dw		SA1585
Hexachlorobenzene	<380ug/kg dw		SA1585
Pentachlorophenol	<760ug/kg dw		SA1585
Phenanthrene	1500ug/kg dw		SA1585
Anthracene	460ug/kg dw		SA1585
Carbazole	<380ug/kg dw		SA1585
di-n-butylphthalate	<380ug/kg dw		SA1585
Fluoranthene	2700ug/kg dw		SA1585
Pyrene	2300ug/kg dw		SA1585
Butylbenzylphthalate	<380ug/kg dw		SA1585
3,3'-Dichlorobenzidine	<380ug/kg dw		SA1585
Benzo(a)anthracene	1500ug/kg dw		SA1585
Chrysene	1300ug/kg dw		SA1585
bis(2-Ethylhexyl)phthalate	<380ug/kg dw		SA1585
di-n-octylphthalate	<380ug/kg dw		SA1585
Benzo(b)fluoranthene	1900ug/kg dw		SA1585
Benzo(k)fluoranthene	600ug/kg dw		SA1585
Benzo(a)pyrene	1400ug/kg dw		SA1585
Indeno(1,2,3-cd)pyrene	580ug/kg dw		SA1585
Dibenzo(a,h)anthracene	<380ug/kg dw		SA1585
Benzo(ghi)perylene	510ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: QS
QC: JL
Lab I.D.: 10170
BURRELL SB-3 (12-14) 1448H 05/20/98 G

ULI I.D.: 14698036 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	78%		WC1829
Total Cyanide	<1.2mg/kg dw		WC1788
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		VM1915
Bromomethane	<4ug/kg dw		VM1915
Vinyl Chloride	<3ug/kg dw		VM1915
Chloroethane	<4ug/kg dw		VM1915
Methylene Chloride	11ug/kg dw	44	VM1915
Acetone	<13ug/kg dw		VM1915
Carbon Disulfide	<4ug/kg dw		VM1915
1,1-Dichloroethene	<4ug/kg dw		VM1915
1,1-Dichloroethane	<4ug/kg dw		VM1915
trans-1,2-Dichloroethene	<4ug/kg dw		VM1915
cis-1,2-Dichloroethene	<4ug/kg dw		VM1915
Chloroform	<4ug/kg dw		VM1915
1,2-Dichloroethane	<4ug/kg dw		VM1915
2-Butanone	<13ug/kg dw		VM1915
1,1,1-Trichloroethane	<4ug/kg dw		VM1915
Carbon Tetrachloride	<4ug/kg dw		VM1915
Bromodichloromethane	<4ug/kg dw		VM1915
1,2-Dichloropropane	<4ug/kg dw		VM1915
cis-1,3-Dichloropropene	<4ug/kg dw		VM1915
Trichloroethene	<4ug/kg dw		VM1915
Dibromochloromethane	<4ug/kg dw		VM1915
1,1,2-Trichloroethane	<4ug/kg dw		VM1915
Benzene	<4ug/kg dw		VM1915
trans-1,3-Dichloropropene	<4ug/kg dw		VM1915
Bromoform	<4ug/kg dw		VM1915
4-Methyl-2-pentanone	<13ug/kg dw		VM1915
2-Hexanone	<13ug/kg dw		VM1915
Tetrachloroethene	<4ug/kg dw		VM1915
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1915
Toluene	<4ug/kg dw		VM1915
Chlorobenzene	<4ug/kg dw		VM1915
Ethylbenzene	<4ug/kg dw		VM1915
Styrene	<4ug/kg dw		VM1915
m-Xylene and p-Xylene	<4ug/kg dw		VM1915
o-Xylene	<4ug/kg dw		VM1915

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
BURRELL SB-3 (12-14) 1448H 05/20/98 G

ULI I.D.: 14698036 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
TCL Semivolatiles by EPA Method 8270			
Phenol	<420ug/kg dw		SA1585
bis(2-Chloroethyl)ether	<420ug/kg dw		SA1585
2-Chlorophenol	<420ug/kg dw		SA1585
1,3-Dichlorobenzene	<420ug/kg dw		SA1585
1,4-Dichlorobenzene	<420ug/kg dw		SA1585
1,2-Dichlorobenzene	<420ug/kg dw		SA1585
2-Methylphenol	<420ug/kg dw		SA1585
2,2'-Oxybis(1-Chloropropane)	<420ug/kg dw		SA1585
4-Methylphenol	<420ug/kg dw		SA1585
n-Nitrosodi-n-propylamine	<420ug/kg dw		SA1585
Hexachloroethane	<420ug/kg dw		SA1585
Nitrobenzene	<420ug/kg dw		SA1585
Isophorone	<420ug/kg dw		SA1585
2-Nitrophenol	<420ug/kg dw		SA1585
2,4-Dimethylphenol	<420ug/kg dw		SA1585
bis(2-Chloroethoxy)methane	<420ug/kg dw		SA1585
2,4-Dichlorophenol	<420ug/kg dw		SA1585
1,2,4-Trichlorobenzene	<420ug/kg dw		SA1585
Naphthalene	<420ug/kg dw		SA1585
4-Chloroaniline	<420ug/kg dw		SA1585
Hexachlorobutadiene	<420ug/kg dw		SA1585
4-Chloro-3-methylphenol	<420ug/kg dw		SA1585
2-Methylnaphthalene	<420ug/kg dw		SA1585
Hexachlorocyclopentadiene	<420ug/kg dw		SA1585
2,4,6-Trichlorophenol	<420ug/kg dw		SA1585
2,4,5-Trichlorophenol	<420ug/kg dw		SA1585
2-Chloronaphthalene	<420ug/kg dw		SA1585
2-Nitroaniline	<2100ug/kg dw		SA1585
Dimethylphthalate	<420ug/kg dw		SA1585
Acenaphthylene	<420ug/kg dw		SA1585
2,6-Dinitrotoluene	<420ug/kg dw		SA1585
3-Nitroaniline	<2100ug/kg dw		SA1585
Acenaphthene	<420ug/kg dw		SA1585
2,4-Dinitrophenol	<2100ug/kg dw		SA1585
4-Nitrophenol	<2100ug/kg dw		SA1585
Dibenzofuran	<420ug/kg dw		SA1585
2,4-Dinitrotoluene	<420ug/kg dw		SA1585
Diethylphthalate	<420ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL: QS
QC: JT
Lab I.D.: 10170
BURRELL SB-3 (12-14) 1448H 05/20/98 G

ULI I.D.: 14698036 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
4-Chlorophenylphenylether	<420ug/kg dw		SA1585
Fluorene	<420ug/kg dw		SA1585
4-Nitroaniline	<2100ug/kg dw		SA1585
2-Methyl-4,6-dinitrophenol	<2100ug/kg dw		SA1585
n-Nitrosodiphenylamine	<420ug/kg dw		SA1585
4-Bromophenylphenylether	<420ug/kg dw		SA1585
Hexachlorobenzene	<420ug/kg dw		SA1585
Pentachlorophenol	<840ug/kg dw		SA1585
Phenanthrene	3000ug/kg dw		SA1585
Anthracene	1100ug/kg dw		SA1585
Carbazole	<420ug/kg dw		SA1585
di-n-butylphthalate	<420ug/kg dw		SA1585
Fluoranthene	5600ug/kg dw		SA1585
Pyrene	5500ug/kg dw		SA1585
Butylbenzylphthalate	<420ug/kg dw		SA1585
3,3'-Dichlorobenzidine	<420ug/kg dw		SA1585
Benzo(a)anthracene	2700ug/kg dw		SA1585
Chrysene	2100ug/kg dw		SA1585
bis(2-Ethylhexyl)phthalate	61,000ug/kg dw		SA1585
di-n-octylphthalate	<420ug/kg dw		SA1585
Benzo(b)fluoranthene	2800ug/kg dw		SA1585
Benzo(k)fluoranthene	980ug/kg dw		SA1585
Benzo(a)pyrene	1900ug/kg dw		SA1585
Indeno(1,2,3-cd)pyrene	630ug/kg dw		SA1585
Dibenzo(a,h)anthracene	<420ug/kg dw		SA1585
Benzo(ghi)perylene	580ug/kg dw		SA1585

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
BURRELL SB-11 (6"-3.5) 0810H 05/20/98

ULI I.D.: 14698037 Matrix: Soil

	PARAMETERS	RESULTS	KEY	FILE#
	pH	8.5SU		WC1861
	Percent Solids	84%		WC1829
Total	Arsenic by furnace method	38mg/kg dw		MA9992
Total	Barium	60mg/kg dw		MA9983
Total	Cadmium	2.6mg/kg dw		MA9975
Total	Chromium	7.3mg/kg dw		MA9975
Total	Lead	21mg/kg dw		MA9975
Total	Mercury	<0.24mg/kg dw		MA9978
Total	Selenium by furnace method	1.9mg/kg dw		MA9967
Total	Silver	<6mg/kg dw		MA9975
	TCL Volatiles by EPA Method 8260			
	Chloromethane	<4ug/kg dw		VM1915
	Bromomethane	<4ug/kg dw		VM1915
	Vinyl Chloride	<2ug/kg dw		VM1915
	Chloroethane	<4ug/kg dw		VM1915
	Methylene Chloride	45ug/kg dw	44	VM1915
	Acetone	110ug/kg dw	44	VM1915
	Carbon Disulfide	<4ug/kg dw		VM1915
	1,1-Dichloroethene	<4ug/kg dw		VM1915
	1,1-Dichloroethane	<4ug/kg dw		VM1915
	trans-1,2-Dichloroethene	<4ug/kg dw		VM1915
	cis-1,2-Dichloroethene	<4ug/kg dw		VM1915
	Chloroform	<4ug/kg dw		VM1915
	1,2-Dichloroethane	<4ug/kg dw		VM1915
	2-Butanone	<12ug/kg dw		VM1915
	1,1,1-Trichloroethane	<4ug/kg dw		VM1915
	Carbon Tetrachloride	<4ug/kg dw		VM1915
	Bromodichloromethane	<4ug/kg dw		VM1915
	1,2-Dichloropropane	<4ug/kg dw		VM1915
	cis-1,3-Dichloropropene	<4ug/kg dw		VM1915
	Trichloroethene	<4ug/kg dw		VM1915
	Dibromochloromethane	<4ug/kg dw		VM1915
	1,1,2-Trichloroethane	<4ug/kg dw		VM1915
	Benzene	<4ug/kg dw		VM1915
	trans-1,3-Dichloropropene	<4ug/kg dw		VM1915
	Bromoform	<4ug/kg dw		VM1915
	4-Methyl-2-pentanone	<12ug/kg dw		VM1915
	2-Hexanone	<12ug/kg dw		VM1915
	Tetrachloroethene	<4ug/kg dw		VM1915

dw = Dry weight

DATE: 06/11/98

Upstate Laboratories, Inc.
Analysis Results
Report Number: 14698023
Client I.D.: DELTA ENVIRONMENTAL CONSULTANT WAUKESHA CHERRY-
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

BURRELL SB-11 (6"-3.5) 0810H 05/20/98

ULI I.D.: 14698037 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
1,1,2,2-Tetrachloroethane	<4ug/kg dw		VM1915
Toluene	5ug/kg dw		VM1915
Chlorobenzene	<4ug/kg dw		VM1915
Ethylbenzene	<4ug/kg dw		VM1915
Styrene	<4ug/kg dw		VM1915
m-Xylene and p-Xylene	<4ug/kg dw		VM1915
o-Xylene	<4ug/kg dw		VM1915

dw = Dry weight

KEY PAGE

1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2 MATRIX INTERFERENCE
3 PRESENT IN BLANK
4 ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5 THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6 BLANK CORRECTED
7 HEAD SPACE PRESENT IN SAMPLE
8 QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9 THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10 ADL(AVERAGE DETECTION LIMITS)
11 PQL(PRACTICAL QUANTITATION LIMITS)
12 SAMPLE ANALYZED OVER HOLDING TIME
13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM THE FILTERING PROCEDURE
14 SAMPLED BY ULI
15 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE WITHIN EXPERIMENTAL ERROR
16 AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18 THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19 CALCULATION BASED ON DRY WEIGHT
20 INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION LIMITS
21 UG/KG AS REC.D / UG/KG DRY WT
22 MG/KG AS REC.D / MG/KG DRY WT
23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24 SAMPLE DILUTED/BLANK CORRECTED
25 ND(NON-DETECTED)
26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28 POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29 ANALYZED BY METHOD OF STANDARD ADDITIONS
30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
32 TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33 NON-POTABLE WATER SOURCE
34 THE QUALITY CONTROL RESULTS FOR THIS ANALYSIS INDICATE A POSITIVE BIAS OF 1-5 MG/L. THE POSITIVE BIAS FALLS BELOW THE PUBLISHED EPA REGULATORY DETECTION LIMIT OF 5 MG/L BUT ABOVE 1 MG/L.
35 THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON PETROLEUM DISTILLATES
36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
37 MILLIGRAMS PER LITER (MG/L) / POUNDS (LBS) PER DAY
38 MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS) PER DAY OF CL2
39 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
40 MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS) PER DAY LAS
41 RESULTS ARE REPORTED ON AN AS REC.D BASIS
42 THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20, CREATING A THEORETICAL TCLP VALUE
43 METAL BY CONCENTRATION PROCEDURE
44 POSSIBLE CONTAMINATION FROM FIELD/LABORATORY

TARGET COMPOUND LIST
VOLATILE ORGANIC COMPOUNDS
BY GC/MS
UPSTATE LABORATORIES, INC.
METHOD BLANK

Batch/File No. VM1900
S41–0–11 Revised 11/95

Sample:
ULI ID No. VM1900MB
Date Leached
Date Extracted
Instrument No. 12.0
Date Analyzed 6-2-98
Matrix Extr.

Sample: Units ug/L

Calibration Curve:
Instrument No.
Date Analyzed

Parameter	Result	PQL	MDL
Chloromethane	<3	<3	
Bromomethane	↓	<3	
Vinyl Chloride	<2	<2	
Chloroethane	<3	<3	
Methylene Chloride	↓	<3	
Acetone	<10	<10	
Carbon Disulfide	<3	<3	
1,1–Dichloroethene		<3	
1,1–Dichloroethane		<3	
trans–1,2–Dichloroethene		<3	
cis–1,2–Dichloroethene		<3	
Chloroform		<3	
1,2–Dichloroethane	↓	<3	
2–Butanone	<10	<10	
1,1,1–Trichloroethane	<3	<3	
Carbon Tetrachloride		<3	
Bromodichloromethane		<3	
1,2–Dichloropropane		<3	
cis–1,3–Dichloropropene		<3	
Trichloroethene		<3	
Dibromochloromethane		<3	
1,1,2–Trichloroethane		<3	
Benzene		<3	
trans–1,3–Dichloropropene		<3	
Bromoform	↓	<3	
4–Methyl–2–Pentanone	<10	<10	
2–Hexanone	↓	<10	
Tetrachloroethene	<3	<3	
1,1,2,2–Tetrachloroethane		<3	
Toluene		<3	
Chlorobenzene		<3	
Ethylbenzene		<3	
Styrene		<3	
o–Xylene		<3	
m–Xylene & p–Xylene	↓	<3	

Prepared by: KM Date 6-4-98
Data Entered by: _____ Date _____

6/9

Upstate Laboratories, Inc.

Chain of Custody Record

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Client: Delta Environmental
Project # / Project Name: Waukesha Cherry-Burrell
Client Contact: Ron Jenkens
Phone #: 412-487-7700
Address: Little Falls, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) 8260	2) 8270	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)	Remarks
SB-3	5/20/98	15:30	H2O	grab	116180-03	(3)	X	X											
SB-8	5/21/98	9:20	H2O	grab	24	(3)	X	X											
SB-4	5/20/98	18:30	H2O	grab	20	(3)	X	X											
SB-6	5/20/98	9:20	H2O	grab	26	(3)	X	X											
SB-1	5/21/98	7:00	H2O	grab	21	(3)	X	X											
SB-5	5/20/98	13:50	H2O	grab	28	(3)	X	X											
SB-2	5/21/98	8:30	H2O	grab	29	(3)	X	X											

Parameter and Method	Sample bottle:	Type	Size	Preservative
1) EPA METHOD VOC 8260				
2) SVOC EPA METHOD 8270				
3)				
4)				
5)				
5)				
6)				
7)				
8)				
9)				
10)				

Sampled by (Print): Ron Jenkins
Company: Delta

Relinquished by: (sign)	Date	Time	Received by: (sign)
	5/22/98	17:00	
	5/22/98	1145	
	5/22	1530	
	5/22/98	2:15	Rec'd for Lab by: [illegible] 5/23/98 1415

ULI Internal Use Only

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

05/12/98 SMP

6/9

Upstate Laboratories, Inc.

6034 Corporate Drive E. Syracuse New York 13057
(315) 437 0255 Fax 437 1209

Chain of Custody Record

Client: Delta Environmental
Project # / Project Name: Waukesha Cherry-Burrell
Client Contact: Ron Jenkens
Phone #: 412-487-7700
Address: Little Falls, NY

Sample ID	Date	Time	Matrix	GRAB or COMP	ULI Internal Use Only	No. of Containers	1) RCRA metals	2) PH	3) 8260	4) 8270	5) Cyanide	6) (% solids)	7)	8)	9)	10)	11)	12)	Remarks
SB-9 (0-1)	5/20/98	10:50	soil	grab	1-1698036	(1)	X	X				(x)							
SB-2 (10-12)	5/21/98	8:10	soil	grab	31	(2)			X	X		(x)							
SB-10 (4-5)	5/20/98	7:47	soil	grab	32	(1)	X	X				(x)							
SB-1 (12-14)	5/21/98	7:25	soil	grab	33	(2)			X	X		(x)							
SB-8 (2-4)	5/21/98	9:03	soil	grab	34	(2)			X	X		(x)							
SB-4 (14-16)	5/20/98	13:40	soil	grab	35	(2)			X	X	X	(x)							
SB-3 (12-14)	5/20/98	14:48	soil	grab	36	(2)			X	X	X	(x)							
SB-11 (6"-3.5)	5/20/98	8:10	soil	grab	37	(2)	X	X	X			(x)							

Parameter and Method	Sample bottle:	Type	Size	Preservative
1) RCRA metals				
2) PH				
3) VOC EPA merllod 8260				
4) SVOL EPA merllod 8270				
5) Cyanide				
5)				
6)				
7)				
8)				
9)				
10)				

Sampled by (Print): Ron Jenkins
Company: Delta

	Date	Time	
Relinquished by: (sign)	5/22/98	1710	Received by: (sign)
Relinquished by: (sign)	5/22/98	1145	Received by: (sign)
Relinquished by: (sign)	5/22	1330	Rec'd for Lab by:
	5/22/98	715	Date: 5/22/98 14:15

ULI Internal Use Only