REPORT OF REMEDIAL ACTIVITIES
FORMER EMPTY DRUM STORAGE AREA

CHAMPION PRODUCTS, INC.
PERRY, NEW YORK

DEC SITE NO: V00018-9
DELTA PROJECT NO. S098-009-5

This report was prepared by:

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4068 Mt. Royal Blvd., Suite 225
Allison Park, PA 15101
(412) 487-7700

March 2001

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

REPORT OF REMEDIAL ACTIVITIES
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CHAMPION PRODUCTS INC.
PERRY, NEW YORK
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DELTA PROJECT NO. S098-009

1.0 INTRODUCTION

Effective March 9, 2000, the New York Department of Environmental Conservation (Department) and Champion Products, Inc. entered into a Remedial Voluntary Cleanup Agreement (Agreement) for the above-referenced facility. In accordance with the Agreement, Champion is implementing the Final Remediation Workplan (Workplan) for the facility.

Part of the remedial strategy presented in the Workplan (see Section 2.8) included the excavation and off-site disposal of approximately 250 cubic yards of soil, from the former empty drum storage area (EDSA), that contained tetrachloroethene (PCE) in excess of the Department's Technical Assistance Guidance Manual (TAGM, Appendix A, Table 1) soil objective of 1,400 micrograms per kilogram (ug/kg). The remaining remedial activities, currently being performed, in accordance with the Agreement, include the operation and maintenance of a dual-phase vapor extraction system in the screen wash areas.

This document details the scope of work and results of the EDSA remediation activities performed during November 2000.

2.0 SOIL DELINEATION

As discussed in the Workplan, six soil samples were initially obtained from the EDSA in 1998 at depths ranging from 8–14 feet below ground surface (bgs). Each of the soil samples was analyzed for volatile organic compounds (VOCs) by EPA Method 8260. Tetrachloroethene was reported in soil sample SB-20 (obtained at a depth of 8 feet bgs) at a concentration (2,600 ug/kg) that exceeded the TAGM soil objective of 1,400 ug/kg.

Additional soil sampling was performed on June 10, 1999 to determine the extent and magnitude of PCE in excess of the TAGM soil objective. This sampling included advancing six additional Geoprobe borings (GP-101 through GP-106) to a depth of 15 feet bgs. Three soil samples were obtained from each boring and analyzed for VOCs. The soil samples were obtained at two-foot intervals from depths of 2-4 feet, 8-10 feet and 13-15 feet bgs. Figure 1 presents the 1998 and 1999 sample locations within the EDSA.

Chemistry data from the 18 soil samples obtained in June 1999 reported all VOC concentrations less than the TAGM soil objective. Analytical results from four areas within and adjacent to the EDSA (MW-103, MW-202, SB-21 and SB-22) indicate that ground water in this area does not contain levels of PCE, or any other targeted VOC, above the ground water quality standard.

Historical soil analytical results and ground water analytical results are presented in Tables 1 and 2, respectively.

3.0 SOIL EXCAVATION

On November 9, 2000 approximately 400 cubic yards of soil were excavated from within the areas shown on Figure 2. The excavation was advanced to a depth of 14 feet bgs. Prior to initiating excavation activities, the concrete pad, shown in Figure 1, and associated awning were removed in order to facilitate excavation of additional soil from beneath the former pad area. The soil between ground surface and a depth of 6 feet was removed and reused as backfill (based on previous soil delineation data).

Soil removed from below 6 feet to 14 feet was stockpiled covered with plastic. This material was transported to CWM Chemical Services facility (CWM) in Model City, New York on November 29, 2000 and disposed of as a non-hazardous media. The disposal manifests are included as Appendix A. Based on the information provided on the manifests, 185.74 tons (or approximately 245 cubic yards) of soil were transported to CWM.

Confirmatory sampling was performed to evaluate soil quality at the base and sidewalls of the excavation. Eleven soil samples were obtained from the excavation (seven from the sidewall and four from the bottom) and submitted to Upstate Laboratories, Inc. for analysis of VOCs by EPA Method 8260. Figure 2 shows the approximate location of each confirmatory sample collected. Field screening was performed during the remedial activities using an organic vapor monitor (OVM). The OVM readings are presented in Table 3.

The analytical results indicated that ten of the eleven samples did not contain PCE concentrations greater than the TAGM soil objective. Tetrachloroethene was detected at a concentration of 1,900 ug/kg at sidewall sample SW-1, located approximately 4 feet from the building and at a depth of 12 feet bgs. This concentration exceeds the TAGM soil objective of 1,400 ug/kg. Trichloroethene was also detected in SW-1 at a concentration of 230 ug/kg. This value is below the TAGM soil objective of 700 ug/kg. Additional excavation was not performed east of SW-1 or deeper than 14 feet due to the presence of the building. The analytical results are summarized in Table 4 and a copy of the laboratory analytical report is included in Appendix B.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the activities performed for this investigation, Delta concludes the following:

- Approximately 186 tons of soil containing VOCs were removed from the site and transferred to CWM's facility in Model City, NY for disposal.
- Eleven soil samples were obtained from the sidewalls and base of the excavation.
- One targeted analyte (PCE) was detected along the east sidewall (SW-1) in excess of the TAGM guidance value at a depth of 12 feet bgs. Additional vertical and lateral excavation was not performed due to the presence of the building.
- The analytical results obtained from ground water samples at monitoring wells MW-103 and MW-202 and soil borings SB-21 and SB-22 did not reveal the presence of targeted analytes above ground water quality standards.
- Soil from the ground surface to 12 feet bgs does not exceed the TAGM soil objective for PCE or any other targeted VOCs. The absence of VOCs from this zone and the presence of the adjacent building eliminate the direct contact exposure pathway.
- Total VOCs in the EDSA are below the recommended total VOC soil cleanup objective of 10,000 ug/kg, as discussed in Section 8.6 of the Workplan.

Based on the conclusions provided above, we recommend that no further action be required for the soil or ground water in the former empty drum storage area. Continued quarterly ground water monitoring will be performed at monitoring wells MW-103 and MW-202 as part of the ongoing activities associated with the dual phase vapor extraction system.

Please contact us if you have any questions or comments regarding the items contained in this document.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Heather Watson
Staff Scientist

3/7/01
Date

Stephen A. Zbur, P.G.
Project Manager

3/7/01
Date

TABLES

TABLE 1
HISTORICAL SOIL ANALYTICAL RESULTS
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS INC.
PERRY, NEW YORK
DELTA PROJECT NO. S098-009

PERIOD: From 06/22/1998 thru 06/10/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	Tetrachloro ethylene (ug/kg)	Toluene (ug/kg)	Trichloro ethylene (ug/kg)	Bromomethane (ug/kg)	Chloromethane (ug/kg)	cis-1,3-Dichloropropene (ug/kg)
Soil Quality			1400	1500	700			
GP-101	06/10/1999	2.00	<3	<3	8	<3	<3	<3
GP-101	06/10/1999	8.00	<3	<3	5	<3	<3	<3
GP-101	06/10/1999	13.00	<3	<3	9	<3	<3	<3
GP-102	06/10/1999	2.00	<3	<3	<3	39	18	<3
GP-102	06/10/1999	8.00	<3	<3	<3	<3	<3	<3
GP-102	06/10/1999	13.00	4	<3	<3	<3	<3	<3
GP-103	06/10/1999	2.00	<3	<3	<3	<3	<3	<3
GP-103	06/10/1999	8.00	<3	<3	<3	<3	<3	<3
GP-103	06/10/1999	13.00	<3	<3	<3	<3	<3	<3
GP-104	06/10/1999	2.00	200	<3	52	<3	<3	<3
GP-104	06/10/1999	8.00	400	<4	37	<4	<4	<4
GP-104	06/10/1999	13.00	1100	<3	<3	<3	<3	<3
GP-105	06/10/1999	2.00	<3	<3	<3	<3	<3	<3
GP-105	06/10/1999	8.00	<3	<3	<3	<3	<3	<3
GP-105	06/10/1999	13.00	<3	<3	<3	<3	<3	<3
GP-106	06/10/1999	2.00	<3	<3	<3	<3	<3	<3
GP-106	06/10/1999	8.00	<3	<3	<3	<3	<3	<3
GP-106	06/10/1999	13.00	<3	3	16	<3	<3	5
MW-103	06/22/1998	14.00	<3	<3	<3	<3	<3	<3

Soil Quality = NYDEC TAGM Soil Cleanup Objectives for Protection of Ground Water Quality

---=Not analyzed

TABLE 1
HISTORICAL SOIL ANALYTICAL RESULTS
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS INC.
PERRY, NEW YORK
DELTA PROJECT NO. S098-009

PERIOD: From 06/22/1998 thru 06/10/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	Tetrachloro ethylene (ug/kg)	Toluene (ug/kg)	Trichloro ethylene (ug/kg)	Bromomethane (ug/kg)	Chloromethane (ug/kg)	cis-1,3-Dichloropropene (ug/kg)
Soil Quality			1400	1500	700			
MW-202	08/18/1998	10.00	24	<3	<3	<3	<3	<3
SB-19	08/18/1998	8.00	<3	<3	<3	<3	<3	<3
SB-20	08/18/1998	8.00	[2600]	<36	210	<36	<36	<36
SB-21	08/18/1998	8.00	<3	<3	<3	<3	<3	<3
SB-22	11/03/1998	10.00	<1	<1	<1	<1	<1	<1

Soil Quality = NYDEC TAGM Soil Cleanup Objectives for Protection of Ground Water Quality

[]=Greater than Action Level ---=Not analyzed

TABLE 2
GROUND WATER ANALYTICAL RESULTS
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS INC.
PERRY, NEW YORK
DELTA PROJECT NO. S098-009

PERIOD: From 06/25/1998 thru 11/02/2000 - Inclusive
SAMPLE TYPE: Water

SITE	DATE	Carbon disulfide (ug/l)	Methylene chloride (ug/l)	Tetrachloro ethylene (ug/l)	Toluene (ug/l)
WQS		50	5	5	5
GP-104	06/10/1999	<3	<3	<3	<3
MW-103	06/25/1998	<3	<3	<3	<3
MW-103	07/17/1998	<3	<3	<3	<3
MW-103	08/18/1998	<3	[16]	<3	[12]
MW-103	11/03/1998	<1	<1	<1	<1
MW-103	07/06/2000	<3	<3	3	<3
MW-103	11/02/2000	---	<0.50	3	<0.50
MW-202	08/21/1998	<3	<3	<3	<3
MW-202	11/05/1998	44	<1	<1	<1
MW-202	07/06/2000	<3	<3	<3	<3
MW-202	11/02/2000	---	<0.50	<0.50	<0.50
SB-21	08/18/1998	<3	<3	<3	<3
SB-22	11/03/1998	<1	<1	<1	<1

WQS= Water Quality Standards (6NYCRR, Table 1, cf. section 703.5)

[]=Greater than Action Level ---=Not analyzed

TABLE 3

FIELD OVM READINGS
FORMER EMPTY DRUM STORAGE AREA
NOVEMBER 9, 2000

Sample Location	Depth of Sample (feet bgs)	OVM Readings (ppm)
CS-1	14	0.0
CS-2	14	1.5
CS-3	14	0.0
CS-4	14	0.0
SW-1	12	1.3
SW-2	12	1.8
SW-3	12	0.5
SW-4	12	1.8
SW-5	12	2.1
SW-6	12	0.6
SW-7	12	0.3

TABLE 4
CONFIRMATORY SOIL ANALYTICAL RESULTS
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS INC.
PERRY, NEW YORK
DELTA PROJECT NO. S098-009

PERIOD: From 11/09/2000 thru 11/09/2000 - Inclusive
SAMPLE TYPE: Soil

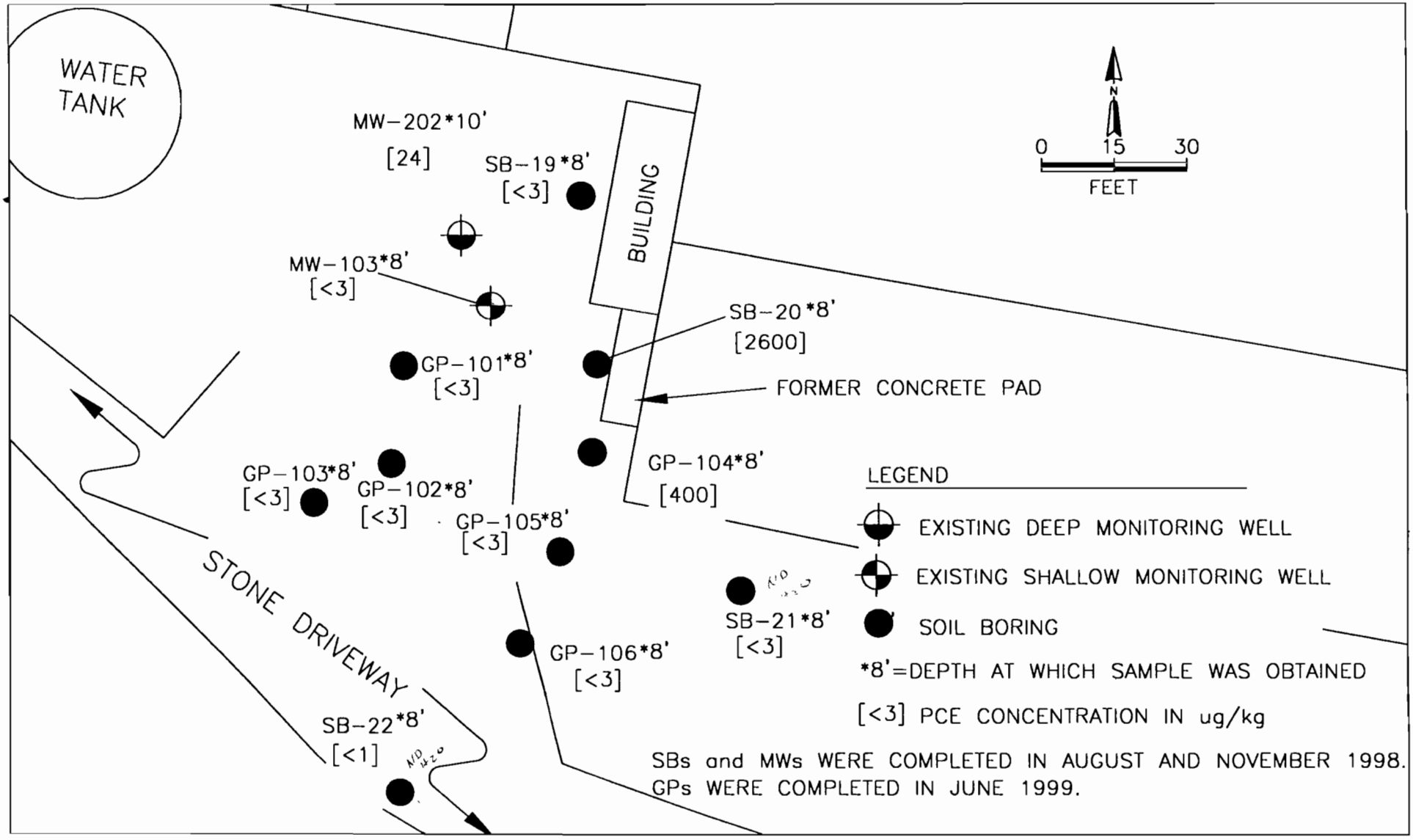
SITE	DATE	DEPTH	Tetrachloro ethylene (ug/kg)	Trichloro ethylene (ug/kg)
Soil Quality			1400	700
CS-1	11/09/2000	14.00	37	<3
CS-2	11/09/2000	14.00	37	<3
CS-3	11/09/2000	14.00	4	<3
CS-4	11/09/2000	14.00	<3	<3
SW-1	11/09/2000	12.00	[1900]	230
SW-2	11/09/2000	12.00	150	<3
SW-3	11/09/2000	12.00	210	<17
SW-4	11/09/2000	12.00	8	<4.0
SW-5	11/09/2000	12.00	<3	<3
SW-6	11/09/2000	12.00	<3	<3
SW-7	11/09/2000	12.00	400	<17

Soil Quality = NYDEC TAGM Soil Cleanup Objectives for Protection of Ground Water Quality

[]=Greater than Action Level ---=Not analyzed

FIGURES

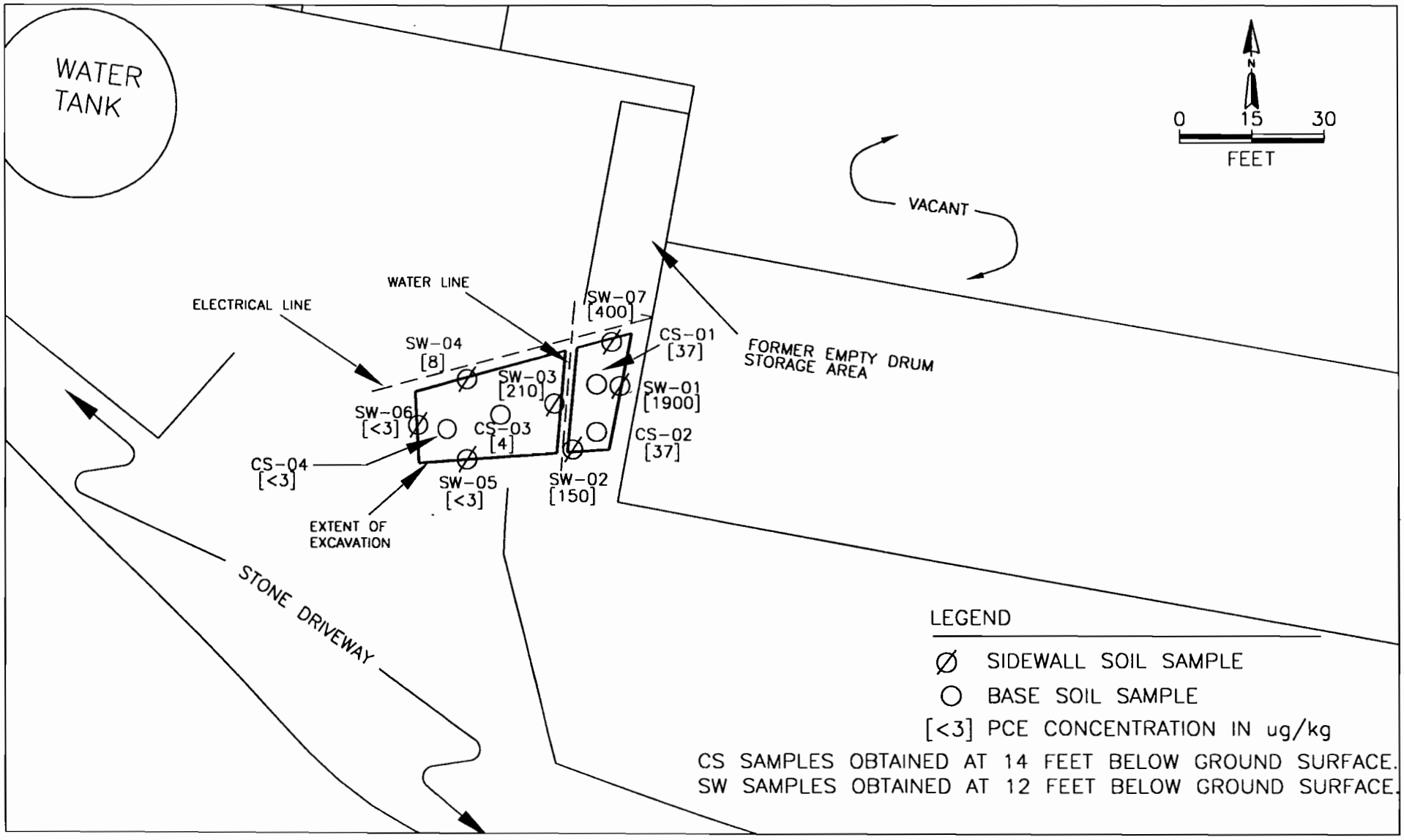
FIGURES



Delta Environmental Consultants, Inc.

TITLE:
SOIL CONCENTRATIONS-PCE
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS COMPANY
PERRY, NEW YORK

DWN: HLW	DES.:	PROJECT NO.: S098-009
CHKD:	APPD:	FIGURE NO.: 1
DATE: 8/9/99	REV.:	



Delta Environmental Consultants, Inc.

TITLE:

SOIL EXCAVATION AREA/ CONFIRMATORY SAMPLES
FORMER EMPTY DRUM STORAGE AREA
CHAMPION PRODUCTS COMPANY
PERRY, NEW YORK

DWN: HLW	DES.:	PROJECT NO.: S098-009
CHKD:	APPD:	FIGURE NO.: 2
DATE: 8/9/99	REV.:	

APPENDIX A

DISPOSAL MANIFESTS

CWM1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 00001 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225

4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: PRICE TRUCKING | 6. US EPA ID Number: NYD046765574 | A. Transporter's Phone: 716 822 1414

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: N.Y.D.0.4.9.8.3.6.6.7.9

C. Facility's Phone: (716)754-823

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT ~~Soil~~	22	T ~~Tot~~
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

8r537003

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Joseph A. Balarneau | Signature: Joseph A. Balarneau | Month 11 Day 29 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: RALPH M. CROSS | Signature: Ralph M. Cross | Month 11 Day 29 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
actual load 26220#

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: EILEEN CARTER | Signature: Eileen Carter | Month 12 Day 30 Year 00

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 00002 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225
4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: Buffalo Fuel Corp | 6. US EPA ID Number: N.Y.R.0.0.0.4.5.7.2.4 | A. Transporter's Phone: 800-677-3002

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: N.Y.D.0.4.9.8.3.6.6.7.9
C. Facility's Phone: (716)754-823

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT ~~Ramp~~	est. 30	TON
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

81537001

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: Joseph A. Galarneau | Signature: Joseph A. Galarneau | Month 11 Day 29 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Kevin W. Henry | Signature: Kevin W. Henry | Month 11 Day 29 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month . Day . Year .

19. Discrepancy Indication Space
actual load 69460 P

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Eileen Carter | Signature: Eileen Carter | Month 11 Day 30 Year 00

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 276103 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225
4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: Buffalo Fuel Corp | 6. US EPA ID Number: N.Y.R.0.0.0.0.4.5.7.2.4 | A. Transporter's Phone: 800-677-8003

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: N.Y.D.0.4.9.8.3.6.6.7.9 | C. Facility's Phone: (716)754-823

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT	EST 30	TON
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

81537005

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Joseph A. Galarneau | Signature: Joseph A. Galarneau | Month 11 Day 29 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Norm Perkins | Signature | Month | Day | Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 11 Day 29 Year 00

19. Discrepancy Indication Space
Actual Reed 61880P

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Eileen Carter | Signature: Eileen Carter | Month 11 Day 30 Year 00

GENERATOR

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 00004 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225
4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: BUFFALO Fuel Corp | 6. US EPA ID Number: NYR000045724 | A. Transporter's Phone: 800 671 8002

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: N.Y.D.0.4.9.8.3.6.6.7.9
C. Facility's Phone: (716)754-8231

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT	EST 30	TONS
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

8153704

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Joseph A. Galarneau	Joseph A Galarneau	11	29	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MARK FALTISKO	Mark Faltisko	11	29	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
actual load 72860 P

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
ELLEEN CARTER	Eileen Carter	11	30	00

GENERATOR
TRANSPORTER
FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 00006 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225

4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: Price Trucking | 6. US EPA ID Number: NYD.0.4.6.7.6.5.5.7.4 | A. Transporter's Phone: 1-800-825-6001

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107

10. US EPA ID Number: N.Y.D.0.4.9.8.3.6.6.7.9

C. Facility's Phone: (716)754-823

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT	EST 20	TON
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

8537123

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Joseph A. Galarneau	Joseph A. Galarneau	11	29	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOE BRAINARD		11	29	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
actual load 35080P

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
ELLEN CARTER	Ellen Carter	12	06	00

GENERATOR

TRANSPORTER

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.0.5.1.8.1.7.5.7.5 | Manifest Document No. 100035 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CHAMPION PRODUCTS INC
200 MAIN ST N
PERRY NY 14530-1225
4. Generator's Phone (716) 237-6111

5. Transporter 1 Company Name: Price Trucking | 6. US EPA ID Number: NYD046765574 | A. Transporter's Phone: 800 325-6001

7. Transporter 2 Company Name | 8. US EPA ID Number | 8. Transporter's Phone

9. Designated Facility Name and Site Address
CWM CHEMICAL SERVICES, L.L.C.
1550 BALMER RD.
MODEL CITY NY 14107
10. US EPA ID Number: NYD049836679
C. Facility's Phone: (716)754-823

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL	1	DT	Est 30	TONS
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
a. CR6830

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
CHEMTREC Emergency Response Number (800)424-9300 WMI Contract

8153701O

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Joseph A. Galarneau | Signature: Joseph A. Galarneau | Month 11 Day 29 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Patrick Pichon | Signature: Patrick Pichon | Month 11 Day 29 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
actual Rec'd 55980P

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: EILEEN CARTER | Signature: Eileen Carter | Month 11 Day 30 Year 00

GENERATOR

TRANSPORTER

ORIGINAL - RETURN TO GENERATOR

APPENDIX B

LABORATORY ANALYTICAL REPORTS – NOVEMBER 2000

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209
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Rochester (716) 436-9070
New Jersey (201) 703-1324

DEC -4 2000 ✓

November 30, 2000

Mr. Steve Zbur
Unit Manager
Delta Environmental Consultants
4068 Mt. Royal Blvd.
Suite 225 - Gamma
Allison Park, PA 15101

Re: Analysis Report #31800014 - 5098-009

Dear Mr. Zbur:

Please find enclosed the results for your samples which were received on November 10, 2000.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala
Director

AJS/jd

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

ATE: 11/30/00

Upstate Laboratories, Inc. APPROVAL:
Analysis Results QC:
Report Number: 31800014 Lab I.D.: 10170
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client CS-1,14' 0815H 11/09/00 G

ULI I.D.: 31800014 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	91%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	140ug/kg dw	44	VM3181
Acetone	<11ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<11ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<11ug/kg dw		VM3181
2-Hexanone	<11ug/kg dw		VM3181
Tetrachloroethene	37ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

w = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client CS-2,14' 0820H 11/09/00 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 31800015 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	93%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3184
Bromomethane	<3ug/kg dw		VM3184
Vinyl Chloride	<2ug/kg dw		VM3184
Chloroethane	<3ug/kg dw		VM3184
Methylene Chloride	37ug/kg dw	44	VM3184
Acetone	26ug/kg dw	44	VM3184
Carbon Disulfide	<3ug/kg dw		VM3184
1,1-Dichloroethene	<3ug/kg dw		VM3184
1,1-Dichloroethane	<3ug/kg dw		VM3184
trans-1,2-Dichloroethene	<3ug/kg dw		VM3184
cis-1,2-Dichloroethene	<3ug/kg dw		VM3184
Chloroform	<3ug/kg dw		VM3184
1,2-Dichloroethane	<3ug/kg dw		VM3184
2-Butanone	<11ug/kg dw		VM3184
1,1,1-Trichloroethane	<3ug/kg dw		VM3184
Carbon Tetrachloride	<3ug/kg dw		VM3184
Bromodichloromethane	<3ug/kg dw		VM3184
1,2-Dichloropropane	<3ug/kg dw		VM3184
cis-1,3-Dichloropropene	<3ug/kg dw		VM3184
Trichloroethene	<3ug/kg dw		VM3184
Dibromochloromethane	<3ug/kg dw		VM3184
1,1,2-Trichloroethane	<3ug/kg dw		VM3184
Benzene	<3ug/kg dw		VM3184
trans-1,3-Dichloropropene	<3ug/kg dw		VM3184
Bromoform	<3ug/kg dw		VM3184
4-Methyl-2-pentanone	<11ug/kg dw		VM3184
2-Hexanone	<11ug/kg dw		VM3184
Tetrachloroethene	37ug/kg dw		VM3184
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3184
Toluene	<3ug/kg dw		VM3184
Chlorobenzene	<3ug/kg dw		VM3184
Ethylbenzene	<3ug/kg dw		VM3184
Styrene	<3ug/kg dw		VM3184
m-Xylene and p-Xylene	<3ug/kg dw		VM3184
o-Xylene	<3ug/kg dw		VM3184

dw = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS
Sampled by: Client

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

5098-009
SW-1,12' 0925H 11/09/00 G

ULI I.D.: 31800016
Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	85%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<35ug/kg dw	05	VM3184
Bromomethane	<35ug/kg dw	05	VM3184
Vinyl Chloride	<24ug/kg dw	05	VM3184
Chloroethane	<35ug/kg dw	05	VM3184
Methylene Chloride	130ug/kg dw	44	VM3184
Acetone	<120ug/kg dw	05	VM3184
Carbon Disulfide	<35ug/kg dw	05	VM3184
1,1-Dichloroethene	<35ug/kg dw	05	VM3184
1,1-Dichloroethane	<35ug/kg dw	05	VM3184
trans-1,2-Dichloroethene	<35ug/kg dw	05	VM3184
cis-1,2-Dichloroethene	<35ug/kg dw	05	VM3184
Chloroform	<35ug/kg dw	05	VM3184
1,2-Dichloroethane	<35ug/kg dw	05	VM3184
2-Butanone	<120ug/kg dw	05	VM3184
1,1,1-Trichloroethane	<35ug/kg dw	05	VM3184
Carbon Tetrachloride	<35ug/kg dw	05	VM3184
Bromodichloromethane	<35ug/kg dw	05	VM3184
1,2-Dichloropropane	<35ug/kg dw	05	VM3184
cis-1,3-Dichloropropene	<35ug/kg dw	05	VM3184
Trichloroethene	230ug/kg dw		VM3184
Dibromochloromethane	<35ug/kg dw	05	VM3184
1,1,2-Trichloroethane	<35ug/kg dw	05	VM3184
Benzene	<35ug/kg dw	05	VM3184
trans-1,3-Dichloropropene	<35ug/kg dw	05	VM3184
Bromoform	<35ug/kg dw	05	VM3184
4-Methyl-2-pentanone	<120ug/kg dw	05	VM3184
2-Hexanone	<120ug/kg dw	05	VM3184
Tetrachloroethene	1900ug/kg dw		VM3184
1,1,2,2-Tetrachloroethane	<35ug/kg dw	05	VM3184
Toluene	<35ug/kg dw	05	VM3184
Chlorobenzene	<35ug/kg dw	05	VM3184
Ethylbenzene	<35ug/kg dw	05	VM3184
Styrene	<35ug/kg dw	05	VM3184
m-Xylene and p-Xylene	<35ug/kg dw	05	VM3184
o-Xylene	<35ug/kg dw	05	VM3184

dw = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
5098-009
SW-2,12' 0945H 11/09/00 G

ULI I.D.: 31800017
Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	86%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	52ug/kg dw	44	VM3181
Acetone	<12ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<12ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<12ug/kg dw		VM3181
2-Hexanone	<12ug/kg dw		VM3181
Tetrachloroethene	150ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

dw = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170

5098-009
SW-3,12' 1040H 11/09/00 G

ULI I.D.: 31800018

Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	89%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<17ug/kg dw	05	VM3190
Bromomethane	<17ug/kg dw	05	VM3190
Vinyl Chloride	<11ug/kg dw	05	VM3190
Chloroethane	<17ug/kg dw	05	VM3190
Methylene Chloride	70ug/kg dw	44	VM3190
Acetone	<56ug/kg dw	05	VM3190
Carbon Disulfide	<17ug/kg dw	05	VM3190
1,1-Dichloroethene	<17ug/kg dw	05	VM3190
1,1-Dichloroethane	<17ug/kg dw	05	VM3190
trans-1,2-Dichloroethene	<17ug/kg dw	05	VM3190
cis-1,2-Dichloroethene	<17ug/kg dw	05	VM3190
Chloroform	<17ug/kg dw	05	VM3190
1,2-Dichloroethane	<17ug/kg dw	05	VM3190
2-Butanone	<56ug/kg dw	05	VM3190
1,1,1-Trichloroethane	<17ug/kg dw	05	VM3190
Carbon Tetrachloride	<17ug/kg dw	05	VM3190
Bromodichloromethane	<17ug/kg dw	05	VM3190
1,2-Dichloropropane	<17ug/kg dw	05	VM3190
cis-1,3-Dichloropropene	<17ug/kg dw	05	VM3190
Trichloroethene	<17ug/kg dw	05	VM3190
Dibromochloromethane	<17ug/kg dw	05	VM3190
1,1,2-Trichloroethane	<17ug/kg dw	05	VM3190
Benzene	<17ug/kg dw	05	VM3190
trans-1,3-Dichloropropene	<17ug/kg dw	05	VM3190
Bromoform	<17ug/kg dw	05	VM3190
4-Methyl-2-pentanone	<56ug/kg dw	05	VM3190
2-Hexanone	<56ug/kg dw	05	VM3190
Tetrachloroethene	210ug/kg dw		VM3190
1,1,2,2-Tetrachloroethane	<17ug/kg dw	05	VM3190
Toluene	<17ug/kg dw	05	VM3190
Chlorobenzene	<17ug/kg dw	05	VM3190
Ethylbenzene	<17ug/kg dw	05	VM3190
Styrene	<17ug/kg dw	05	VM3190
m-Xylene and p-Xylene	<17ug/kg dw	05	VM3190
o-Xylene	<17ug/kg dw	05	VM3190

dw = Dry weight

ATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client CS-3,14' 1040H 11/09/00 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 31800019 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	92%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	160ug/kg dw	44	VM3181
Acetone	<11ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<11ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<11ug/kg dw		VM3181
2-Hexanone	<11ug/kg dw		VM3181
Tetrachloroethene	4ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

w = Dry weight

)ATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS
Sampled by: Client

APPROVAL:
QC:
Lab I.D.: 10170
5098-009
CS-4,14' 1125H 11/09/00 G

ULI I.D.: 31800020 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	92%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	250ug/kg dw	44	VM3181
Acetone	<11ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<11ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<11ug/kg dw		VM3181
2-Hexanone	<11ug/kg dw		VM3181
Tetrachloroethene	<3ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

dw = Dry weight

)ATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS
Sampled by: Client

APPROVAL: _____
QC: _____
Lab I.D.: 10170
5098-009
SW-4,12' 1130H 11/09/00 G

ULI I.D.: 31800021 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	81%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<4ug/kg dw		MB3181
Bromomethane	<4ug/kg dw		MB3181
Vinyl Chloride	<2ug/kg dw		MB3181
Chloroethane	<4ug/kg dw		MB3181
Methylene Chloride	110ug/kg dw	44	MB3181
Acetone	<12ug/kg dw		MB3181
Carbon Disulfide	<4ug/kg dw		MB3181
1,1-Dichloroethene	<4ug/kg dw		MB3181
1,1-Dichloroethane	<4ug/kg dw		MB3181
trans-1,2-Dichloroethene	<4ug/kg dw		MB3181
cis-1,2-Dichloroethene	<4ug/kg dw		MB3181
Chloroform	<4ug/kg dw		MB3181
1,2-Dichloroethane	<4ug/kg dw		MB3181
2-Butanone	<12ug/kg dw		MB3181
1,1,1-Trichloroethane	<4ug/kg dw		MB3181
Carbon Tetrachloride	<4ug/kg dw		MB3181
Bromodichloromethane	<4ug/kg dw		MB3181
1,2-Dichloropropane	<4ug/kg dw		MB3181
cis-1,3-Dichloropropene	<4ug/kg dw		MB3181
Trichloroethene	<4ug/kg dw		MB3181
Dibromochloromethane	<4ug/kg dw		MB3181
1,1,2-Trichloroethane	<4ug/kg dw		MB3181
Benzene	<4ug/kg dw		MB3181
trans-1,3-Dichloropropene	<4ug/kg dw		MB3181
Bromoform	<4ug/kg dw		MB3181
4-Methyl-2-pentanone	<12ug/kg dw		MB3181
2-Hexanone	<12ug/kg dw		MB3181
Tetrachloroethene	8ug/kg dw		MB3181
1,1,2,2-Tetrachloroethane	<4ug/kg dw		MB3181
Toluene	<4ug/kg dw		MB3181
Chlorobenzene	<4ug/kg dw		MB3181
Ethylbenzene	<4ug/kg dw		MB3181
Styrene	<4ug/kg dw		MB3181
m-Xylene and p-Xylene	<4ug/kg dw		MB3181
o-Xylene	<4ug/kg dw		MB3181

dw = Dry weight

ATE: 11/30/00

Upstate Laboratories, Inc. APPROVAL:
Analysis Results QC:
Report Number: 31800014 Lab I.D.: 10170
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client SW-5,12' 1133H 11/09/00 G

ULI I.D.: 31800022 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	90%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	51ug/kg dw	44	VM3181
Acetone	<11ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<11ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<11ug/kg dw		VM3181
2-Hexanone	<11ug/kg dw		VM3181
Tetrachloroethene	<3ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

w = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client SW-6,12' 1140H 11/09/00 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 31800023 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	91%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<3ug/kg dw		VM3181
Bromomethane	<3ug/kg dw		VM3181
Vinyl Chloride	<2ug/kg dw		VM3181
Chloroethane	<3ug/kg dw		VM3181
Methylene Chloride	180ug/kg dw	44	VM3181
Acetone	<11ug/kg dw		VM3181
Carbon Disulfide	<3ug/kg dw		VM3181
1,1-Dichloroethene	<3ug/kg dw		VM3181
1,1-Dichloroethane	<3ug/kg dw		VM3181
trans-1,2-Dichloroethene	<3ug/kg dw		VM3181
cis-1,2-Dichloroethene	<3ug/kg dw		VM3181
Chloroform	<3ug/kg dw		VM3181
1,2-Dichloroethane	<3ug/kg dw		VM3181
2-Butanone	<11ug/kg dw		VM3181
1,1,1-Trichloroethane	<3ug/kg dw		VM3181
Carbon Tetrachloride	<3ug/kg dw		VM3181
Bromodichloromethane	<3ug/kg dw		VM3181
1,2-Dichloropropane	<3ug/kg dw		VM3181
cis-1,3-Dichloropropene	<3ug/kg dw		VM3181
Trichloroethene	<3ug/kg dw		VM3181
Dibromochloromethane	<3ug/kg dw		VM3181
1,1,2-Trichloroethane	<3ug/kg dw		VM3181
Benzene	<3ug/kg dw		VM3181
trans-1,3-Dichloropropene	<3ug/kg dw		VM3181
Bromoform	<3ug/kg dw		VM3181
4-Methyl-2-pentanone	<11ug/kg dw		VM3181
2-Hexanone	<11ug/kg dw		VM3181
Tetrachloroethene	<3ug/kg dw		VM3181
1,1,2,2-Tetrachloroethane	<3ug/kg dw		VM3181
Toluene	<3ug/kg dw		VM3181
Chlorobenzene	<3ug/kg dw		VM3181
Ethylbenzene	<3ug/kg dw		VM3181
Styrene	<3ug/kg dw		VM3181
m-Xylene and p-Xylene	<3ug/kg dw		VM3181
o-Xylene	<3ug/kg dw		VM3181

dw = Dry weight

DATE: 11/30/00

Upstate Laboratories, Inc.
Analysis Results
Report Number: 31800014
Client I.D.: DELTA ENV. CONSULTANTS 5098-009
Sampled by: Client SW-7,12' 1145H 11/09/00 G

APPROVAL:
QC:
Lab I.D.: 10170

ULI I.D.: 31800024 Matrix: Soil

PARAMETERS	RESULTS	KEY	FILE#
Percent Solids	90%		WD2596
TCL Volatiles by EPA Method 8260			
Chloromethane	<17ug/kg dw	05	VM3184
Bromomethane	<17ug/kg dw	05	VM3184
Vinyl Chloride	<11ug/kg dw	05	VM3184
Chloroethane	<17ug/kg dw	05	VM3184
Methylene Chloride	72ug/kg dw	44	VM3184
Acetone	<56ug/kg dw	05	VM3184
Carbon Disulfide	<17ug/kg dw	05	VM3184
1,1-Dichloroethene	<17ug/kg dw	05	VM3184
1,1-Dichloroethane	<17ug/kg dw	05	VM3184
trans-1,2-Dichloroethene	<17ug/kg dw	05	VM3184
cis-1,2-Dichloroethene	<17ug/kg dw	05	VM3184
Chloroform	<17ug/kg dw	05	VM3184
1,2-Dichloroethane	<17ug/kg dw	05	VM3184
2-Butanone	<56ug/kg dw	05	VM3184
1,1,1-Trichloroethane	<17ug/kg dw	05	VM3184
Carbon Tetrachloride	<17ug/kg dw	05	VM3184
Bromodichloromethane	<17ug/kg dw	05	VM3184
1,2-Dichloropropane	<17ug/kg dw	05	VM3184
cis-1,3-Dichloropropene	<17ug/kg dw	05	VM3184
Trichloroethene	<17ug/kg dw	05	VM3184
Dibromochloromethane	<17ug/kg dw	05	VM3184
1,1,2-Trichloroethane	<17ug/kg dw	05	VM3184
Benzene	<17ug/kg dw	05	VM3184
trans-1,3-Dichloropropene	<17ug/kg dw	05	VM3184
Bromoform	<17ug/kg dw	05	VM3184
4-Methyl-2-pentanone	<56ug/kg dw	05	VM3184
2-Hexanone	<56ug/kg dw	05	VM3184
Tetrachloroethene	400ug/kg dw		VM3184
1,1,2,2-Tetrachloroethane	<17ug/kg dw	05	VM3184
Toluene	<17ug/kg dw	05	VM3184
Chlorobenzene	<17ug/kg dw	05	VM3184
Ethylbenzene	<17ug/kg dw	05	VM3184
Styrene	<17ug/kg dw	05	VM3184
m-Xylene and p-Xylene	<17ug/kg dw	05	VM3184
o-Xylene	<17ug/kg dw	05	VM3184

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 VOLATILE ASP CODES

(B)POSSIBLE/PROBABLE BLANK CONTAMINATION (D)ALL COMPOUNDS IDENTIFIED AT A SECONDARY DILUTION FACTOR (J)DETECTED BELOW THE CRQL
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

34 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

11/24

Client: Delta

Client Project # / Project Name: SC98-009

Client Contact: Zbur

Phone #: 412467-7703

Site Location (city/state): CHAMPION

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	VOCs 8260 1)	2)	3)	4)	5)	6)	7)	8)	9)	10)
CS-1, 14'	11/9/00	815	Soil	G	3180014	1	✓	X								
CS-2, 14'	11/9/00	820	Soil	G	15	1	✓	X								
SW-1 12'	11/9/00	9:25	Soil	G	16	1	✓	X								
SW-2 12'	11/9/00	9:45	Soil	G	17	1	✓	X								
SW-3, 12	11/9/00	10:40	Soil	G	18	1	✓	X								
CS-3, 14	11/9/00	10:40	Soil	G	19	1	✓	X								
CS-4, ~~12~~ 14'	11/9/00	11:25	Soil	G	20	1	✓	X								
SW-4, ~~12~~ 12'	11/9/00	11:30	Soil	G	21	1	✓	X								
SW-5, ~~12~~ 12'	11/9/00	11:33	Soil	G	22	1	✓	X								
SW-6 12'	11/9/00	11:40	Soil	G	23	1	✓	X								

Special Turnaround Time_____ (Lab Notification required)

Remarks

Parameter and method	sample bottle: type	size	pres.
1) VOCs 8260	Glass		N
2) % Solids (BS)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Steve Zbur

Company: Delta

ULI Internal Use Only

Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
S. Zbur	11/9/00	11:56	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
	11/10/00	11:30	B. Denucle

rpor rive ... Syra..., NY ...57-1... **Chain of Custody Record** 11/27

) 437 0255 Fax 437 1209

t: Delta		Client Project # / Project Name 5098-009				No. of Con-tainers	VOCs 8260										Special Turnaround Time_____ (Lab Notification required)	
t Contact: Zbur	Phone # 412 487-7203	Site Location (city/state) Champion																
ple Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks	
W-7, 12'	11/9/00	11:45	Soil	G	3180024 (1)		✓	(X)										

ameter and method	sample bottle:	type	size	pres.
VOCs 8260		Glass		N
0/6 Solids) cc				

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) Steve Zbur

Company: Delta

ULI Internal Use Only

Delivery (check one):
☐ ULI Sampled
☐ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
S. Zbur	11/9/00	11:59	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Relinquished by: (Signature)	Date	Time	Rec'd for Lab by: (Signature)
	11/10/00	11:30	B. Senecal