491IHSSF4068

DocumentID	NONCD0002816
Site Name	RADCLIFFE MARINE (PRIVATEER BOATS)
DocumentType	Site Assessment Rpt (SAR)
RptSegment	1
DocDate	12/1/1996
DocRcvd	2/20/2007
Box	SF4068
AccessLevel	PUBLIC
Division	WASTE MANAGEMENT
Section	SUPERFUND
Program	IHS (IHS)
DocCat	FACILITY

SOIL AND GROUNDWATER INVESTIGATION REPORT

RADCLIFFE MARINE
BELHAVEN, NORTH CAROLINA

CORP ID 0119996

RADCLIFFE MARINE SALES INC.
GILBERT L. RADCLIFFE
LAMONT ST.
BELHAVEN

Prepared for:

RADCLIFFE MARINE SALES, INC.

Auto [illegible]

Petroleum [illegible]
Storage Tank [illegible]
RADCLIFFE NOT LISTED

Prepared by:

TRIANGLE ENVIRONMENTAL, INC.
RALEIGH, NC

TRIANGLE PROJECT NO. 676-0109

NORTH CAROLINA PROFESSIONAL SEAL 7747 ENGINEER RAY STANLEY TAYLOR

1996

DECEMBER 1996

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SOIL AND GROUNDWATER INVESTIGATION
RADCLIFFE MARINE

1.0 INTRODUCTION

Triangle Environmental, Inc. (Triangle) was contracted by Radcliffe Marine Sales, Inc., Post Office Box 57, Belhaven, North Carolina 27810, to conduct a soil and groundwater investigation at their facility on U.S. Highway 264 By-Pass north of Belhaven, North Carolina (Figure 1). The site is an operating boat manufacturing and repair facility.

A soil and groundwater investigation was conducted using direct push (Geoprobe®) technology. The investigation was conducted in areas previously identified as being impacted by a release of acetone. The purpose of the investigation was to determine if the groundwater at the site has been impacted by the acetone release. A total of seven (7) soil probes were advanced to collect samples (Figure 2). Four soil samples and seven groundwater samples (including one duplicate) were collected for laboratory analysis. A windshield survey was conducted to identify potential groundwater receptors.

2.0 PREVIOUS INVESTIGATIONS

A previous investigation was conducted in May of 1995. The report "Soil Assessment Report" dated May 25, 1995, was submitted to the North Carolina Division of Solid Waste Management (NC DSWM). Seventeen hand-augered borings were performed at the site and 15 samples collected for laboratory analysis. The sampling was conducted in areas of stockpiled 55-gallon drums. The analytical results detected acetone and some petroleum-related compounds in four of the 15 soil samples. The data is summarized in Table 2 and

Figure 3 shows the locations of these samples. The data suggest localized areas of contamination.

3.0 FIELD ACTIVITIES

On October 28, 1996, a Triangle geologist supervised the advancement of seven soil probes. A Geoprobe unit collected continuous soil samples using 48-inch long Macro-Core samplers. New plastic liners were used for each sample. The samplers were decontaminated between samples and the push rods were decontaminated between wells. The soils were described and representative samples were collected for laboratory analysis. The soil samples were placed in laboratory-supplied glassware, stored in an ice-filled cooler, and shipped to an analytical laboratory certified by the North Carolina Department of Environment, Health and Natural Resources (NC DEHNR) using standard chain-of-custody procedures.

The probe locations were chosen to match as close as possible the locations in the previous investigation with the highest acetone concentrations, except GP-3, which was located to collect a background sample. Locating the old soil borings was difficult since most of the 55-gallon storage drums have been removed, according to Larry Perry and Dick Denton of the NC DSWM. Additionally, not all locations were accessible to the four-wheel drive truck mounted Geoprobe.

At the first probe location, GP-1, the sampler was pushed to 11 feet below ground surface to obtain a core of the site stratigraphy. Temporary monitoring wells were installed at three probe locations (GP-2, GP-3, and GP-4). The monitoring wells were constructed of 1-inch diameter PVC pipe and slotted screen. After allowing time for the water level in each temporary monitoring well to equilibrate, an electronic water level indicator was used to measure depth-to-water. The well was then purged of a minimum of three well volumes and

samples were taken using new disposable bailers for each well. The relative top of casing elevation was surveyed for each well.

At three other probe locations, GP-5, GP-6, and GP-7, a slotted groundwater sampler was advanced beyond the base of the soil probe hole. Disposable tubing with a stainless steel bottom check valve was inserted through the push rods and reciprocated to collect water samples. The water samples were placed in laboratory-supplied glassware, stored in an ice-filled cooler, and shipped to an analytical laboratory certified by the NC DEHNR using standard chain-of-custody procedures. At the laboratory, the samples were analyzed for volatile organic compounds using Method SW-846 8260.

At the end of the day, the temporary monitoring wells were removed and all probe holes were filled with bentonite chips. Soil boring logs, groundwater sampling data sheets, and survey data sheets are presented in Appendix A.

4.0 GROUNDWATER RECEPTORS

A windshield survey was conducted in the area surrounding the Radcliffe Marine facility. Two domestic water-supply wells were noted during the survey. Their approximate positions are shown on Figure 1a. The well on Pantego Road appears to be located greater than 1,500 feet from the site. The other domestic well, owned by Cox Chevrolet, is within a 1,500 foot radius of the site. The Town of Belhaven has two municipal water-supply wells. Reportedly, the wells are screened from 100 to 160 feet below ground surface. According to information provided from town personnel, the approximate positions of the two wells are shown on Figure 1a.

5.0 SOIL INVESTIGATION

The site is located on relatively high ground with marsh bordering the property to the northwest and southwest (Figure 2). There appears less than 5 feet of natural topographic relief within 1,500 feet of the site.

The site is located within the Coastal Plain physiographic province. The upper soils at the site were described as predominantly sand. One soil probe, GP-1, was extended to 11 feet below grade. A clayey sand was observed at approximately 9 feet below land surface in samples from GP-1.

Acetone was not detected above the method quantitation limit of 0.06 mg/kg in the four soil samples collected during the current investigation. Volatile organic compounds consistent with mineral spirits were detected in sample GP-4 collected 2.4 feet below the ground surface near the top of the water table (Table 1, Appendix B). The compounds and the detected concentrations are: n-butylbenzene at 0.037 mg/kg, sec-butylbenzene at 0.056 mg/kg, ethylbenzene at 0.90, isopropylbenzene at 0.032 mg/kg, p-isopropylbenzene at 0.053 mg/kg, n-propylbenzene at 0.12 mg/kg, 1,2,4-trimethylbenzene at 1.2 mg/kg, 1,3,5-trimethylbenzene at 0.034 mg/kg, and naphthalene (a semivolatile compound) at 0.97 mg/kg. A shallower sample collected from GP-4 at 1 feet below ground surface did not contain any detectable concentrations of contaminants.

soil

6.0 GROUNDWATER INVESTIGATION

Groundwater at the site occurs within two to three feet of ground surface. A water table map was generated, assuming a planar surface, from the depth-to-groundwater data collected from the three temporary monitoring wells (GP-2, GP-3, GP-4) on October 28, 1996. The true

groundwater table may be more complex than shown and may fluctuate with rainfall. The net movement of groundwater should be northwest towards the marsh.

Groundwater samples were collected in the three temporary wells (GP-2, GP-3, and GP-4) and at three other Geoprobe points (GP-5, GP-6 and GP-7). Temporary well GP-4 was sampled in duplicate. The duplicate sample was labeled GP-9. Acetone was not detected above the method quantitation limit of 50 µg/L in the groundwater samples. Laboratory analysis identified volatile organic compounds consistent with mineral spirits from the groundwater samples at GP-4 and GP-5 (Table 1, Appendix B). The compound MTBE, detected in low concentrations in the sample from GP-2, is an additive for unleaded gasoline.

Several volatile organic compounds were detected in concentrations above listed North Carolina Groundwater Quality Standards. These compounds and their maximum detected concentrations are: benzene at 31 µg/L, ethylbenzene at 3,200 µg/L, and xylenes at 710 µg/L. Naphthalene and MTBE were detected in the groundwater sample from GP-2, but within North Carolina Groundwater Standards.

which samples ?

7.0 CONCLUSIONS

- Based on the data collected during the current and previous investigation, Triangle concludes that the earlier identified acetone soil contamination is very localized. In addition, there is no data which indicates that the groundwater has been impacted by acetone.

- Volatile organic compounds typically associated with mineral spirits were detected in soil and groundwater samples during the current investigation. The source of the contamination is unknown but may be related to random spills related to solvent usage on the site. The compound MTBE, which is an unleaded-gasoline additive, may be from

localized surface spillage from boats under repair and was detected in low concentrations in one groundwater sample.

- No solvent contamination was detected either in soil or groundwater at concentrations near or above TCLP regulatory levels.

- Triangle believes no further action is necessary on this site in response to hazardous waste regulations.

TABLES

Table 1

Laboratory Data Summary - Soil Analysis

Radcliffe Marine, Inc.					
Belhaven, North Carolina					
Triangle Proj. No. 676-0109	Current Assessment Data				
Sample I.D.	GP-2	GP-4-1	GP-4-2-4	GP-6	
Sample Date	10/28/96	10/28/96	10/28/96	10/28/96	
Sample Depth	1'	1'	2.4'	1.5'	
Method SW-846 8260 (mg/kg)					
Acetone	<0.062	<0.057	<0.28	<0.058	
Benzene 0.0056	<0.006	<0.006	<0.28	<0.006	
N-Butylbenzene 4	<0.006	<0.006	0.037 37	<0.006	
Sec-Butylbenzene 3	<0.006	<0.006	0.056 56	<0.006	
Ethylbenzene 0.24	<0.006	<0.006	0.9 900	<0.006	
Isopropylbenzene 2	<0.006	<0.006	0.032 32	<0.006	
P-Isopropylbenzene 0.37	<0.006	<0.006	0.053 53	<0.006	
Napthalene 0.58	<0.006	<0.006	0.97 970	<0.006	
N-Propylbenzene 2	<0.006	<0.006	0.12 120	<0.006	
Toluene 7	<0.006	<0.006	<0.28	<0.006	
1,2,4-Trimethylbenzene 8	<0.006	<0.006	1.2 1200	<0.006	
1,3,5-Trimethylbenzene 7	<0.006	<0.006	0.034 34	<0.006	
Xylenes 5	<0.006	<0.006	<0.28	<0.006	

ppm

Table 1

Laboratory Data Summary - Soil Analysis

Radcliffe Marine, Inc.								
Belhaven, North Carolina								
Triangle Proj. No. 676-0109	Previous Assessment Data							
Sample I.D.	BH 1-1	BH 1-2	BH 2-1	BH 5-1	BH 6-1	BH 7-1	BH 7-2	BH 9-2
Sample Date	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Sample Depth	0.5'	1.5'	0.5'	0.5'	0.5'	0.5'	1.5'	1.5'
Method SW-846 8260 (mg/kg)								
Acetone	7.9	2.9	<5.0	<5.0	6.2	<1.0	<1.0	<1.0
Benzene 0.0056	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-Butylbenzene 4	NA	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene 3	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene 0.24	0.45	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Isopropylbenzene 2	NA	NA	NA	NA	NA	NA	NA	NA
P-Isopropylbenzene 0.37	NA	NA	NA	NA	NA	NA	NA	NA
Napthalene 0.58	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-Propylbenzene 2	NA	NA	NA	NA	NA	NA	NA	NA
Toluene 7	0.007	0.099	<0.005	0.007	<0.005	<0.005	<0.005	<0.005
1,2,4-Trimethylbenzene 8	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene 7	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes 5	0.047	0.670	0.007	0.035	<0.005	<0.005	<0.005	<0.005
	Note: Depths are assumed. Analytical method 8240							

Table 1

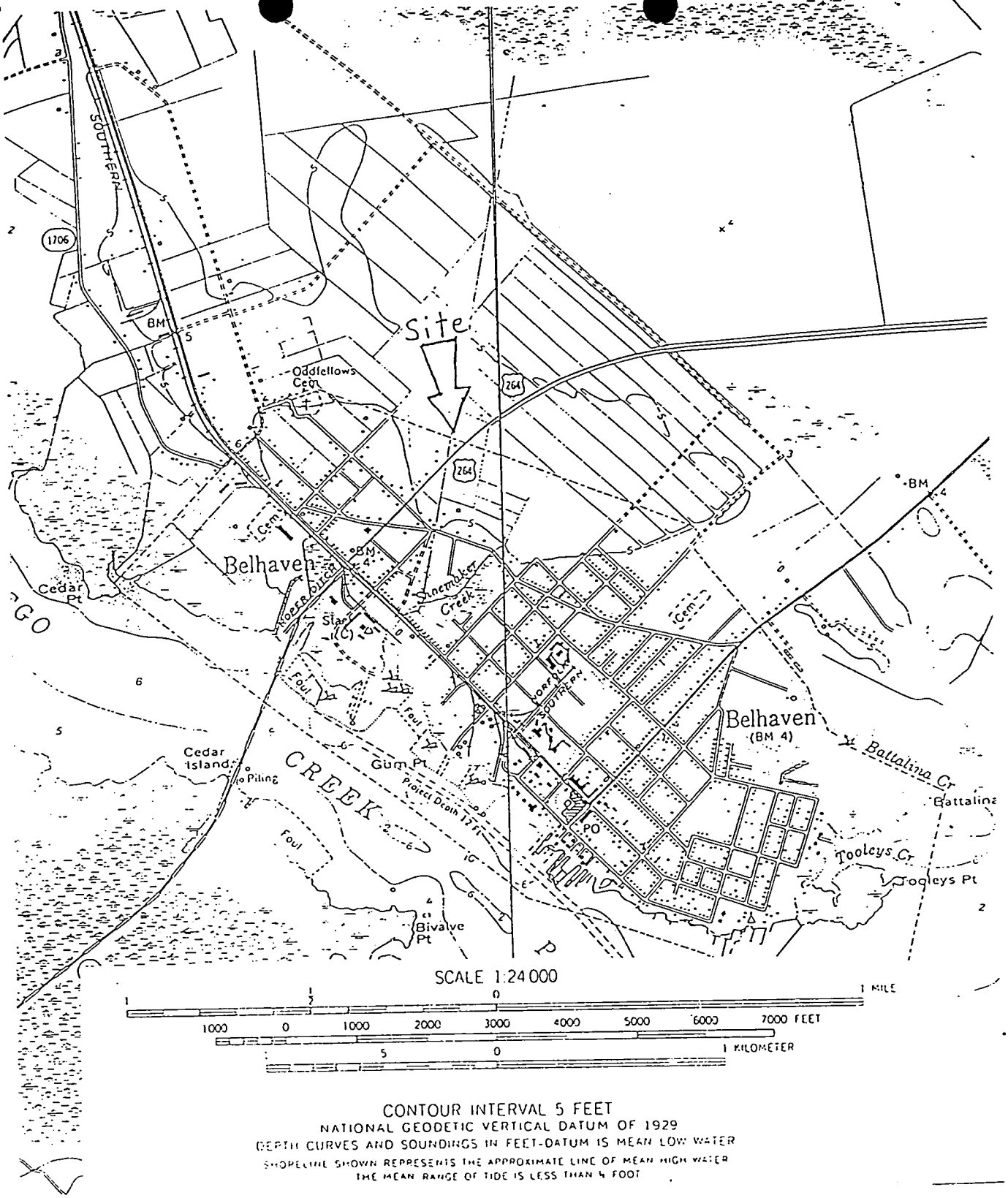
Laboratory Data Summary - Soil Analysis

Radcliffe Marine, Inc.							
Belhaven, North Carolina							
Triangle Proj. No. 676-0109	Previous Assessment Data						
Sample I.D.	BH 10-1	BH 11-1	BH 12-1	BH 13-1	BH 15-1	BH 16-1	BH 17-1
Sample Date	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95	5/2/95
Sample Depth	0.5'	0.5'	0.5'	0.5'	0.5'	0.5'	0.5'
Method SW-846 8260 (mg/kg)							
Acetone	<1.0	<1.0	<1.0	<1.0	<1.0	7.9	<1.0
Benzene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-Butylbenzene	NA	NA	NA	NA	NA	NA	NA
Sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA
P-Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA
Napthalene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
N-Propylbenzene	NA	NA	NA	NA	NA	NA	NA
Toluene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA
Xylenes	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
	Note: Depths are assumed. Analytical method 8240						

Table 2
Laboratory Data Summary - Groundwater Analysis

Radcliffe Marine, Inc.								
Belhaven, North Carolina							**Matrix: Water**	
Triangle Proj. No. 676-0109								
Sample I.D.	GP-2	GP-3	GP-4	GP-9*	GP-5	GP-6	GP-7	*GW*
Sample Date	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	*Standards*
Method SW-846 8260 (µg/L)								
Acetone	<50	<50	<1000	<1000	<250	<50	<50	*700*
Benzene	<5.0	<5.0	<100	<100	**31**	<5.0	<5.0	*1*
Ethylbenzene	<5.0	<5.0	**3,200**	**2,800**	**450**	<5.0	<5.0	*29*
Toluene	<5.0	<5.0	<100	<100	36	<5.0	<5.0	*1000*
Xylenes	<5.0	<5.0	**710**	**550**	130	<5.0	<5.0	*530*
MTBE	21	<5.0	<100	<100	<25	<5.0	<5.0	*200*
1,2,4-Trimethylbenzene	<5.0	<5.0	240	180	66	<5.0	<5.0	*NL*
1,3,5-Trimethylbenzene	<5.0	<5.0	<100	<100	26	<5.0	<5.0	*NL*
Naphthalene	5.0	<5.0	<100	<100	<25	<5.0	<5.0	*21*
							NL - Not Listed	
* - GP-9 is a duplicate of GP-4								

FIGURES



(from AEC report, 1995)

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(919) 790-8273 fax

PROJECT:

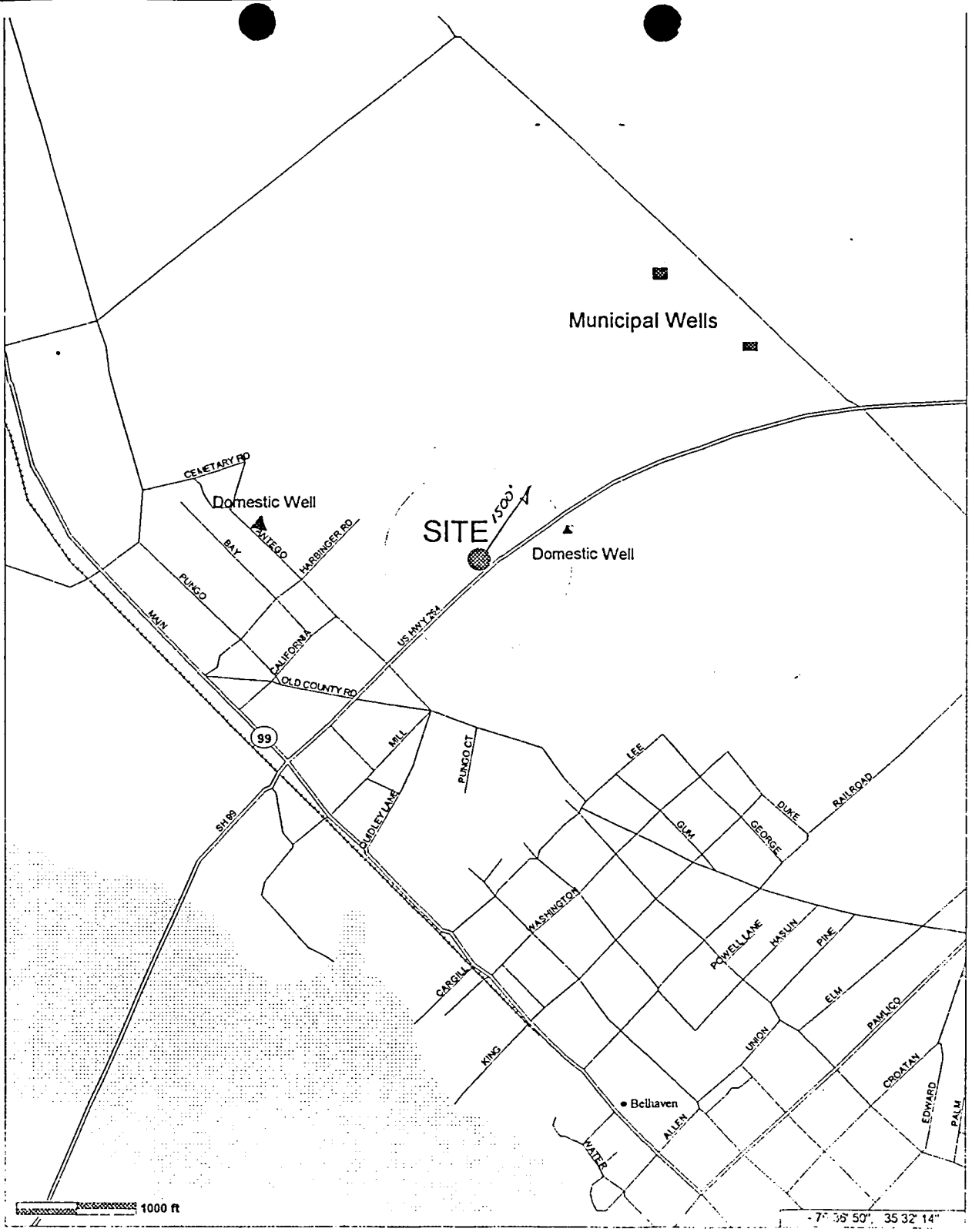
Radcliffe Marine Sales, Inc.
Site Location Map

PROJ. #: 676-0109

DRAWN BY: JAH

SCALE: 1" = 2000'

FIGURE: 1



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PROJECT :

Radcliffe Marine Sales, Inc.

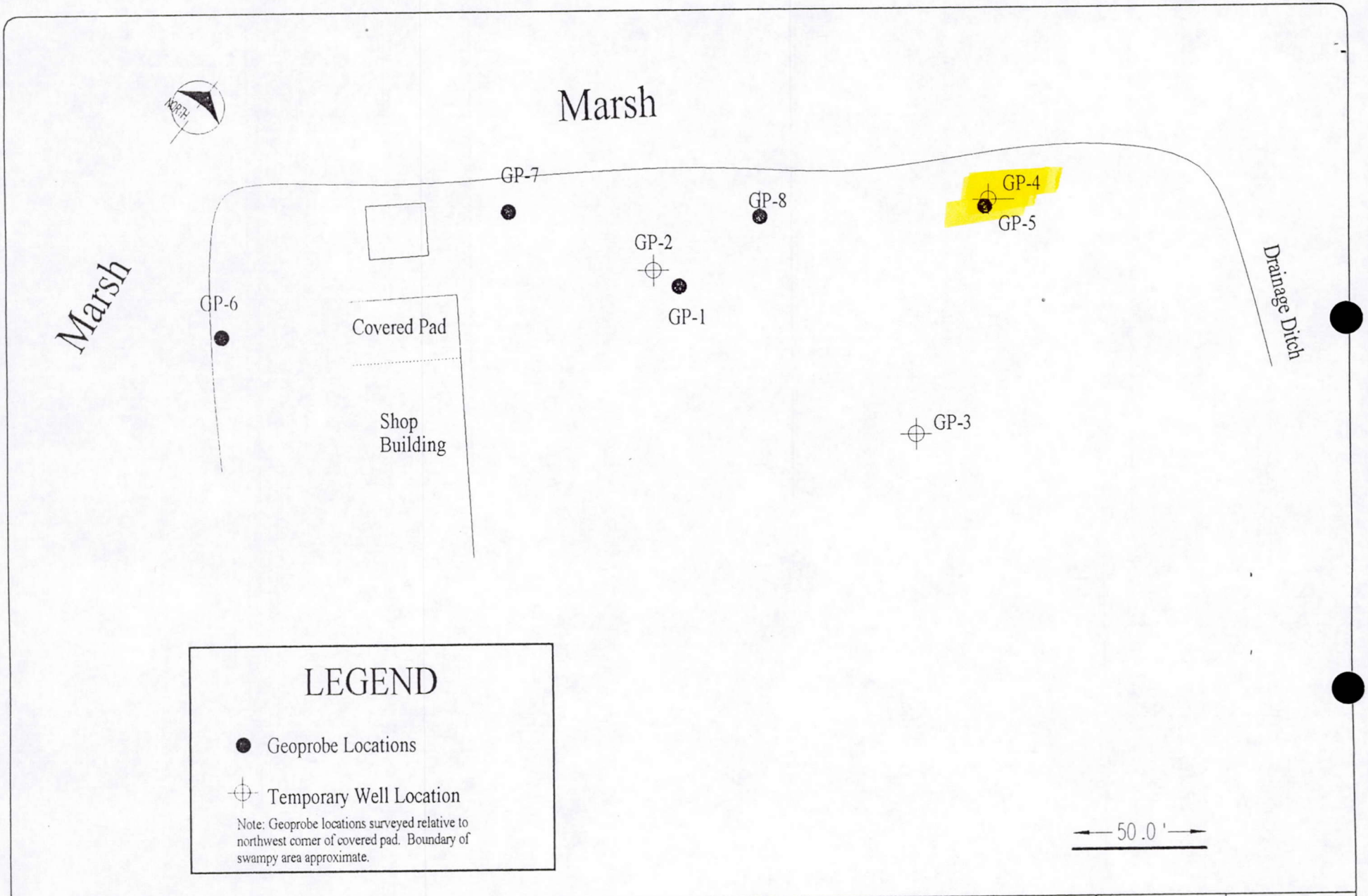
Site Location Map w/ Groundwater Receptors

PROJ. # 676-0109

DRWN BY : JAH

SCALE : as shown

FIGURE : 1a



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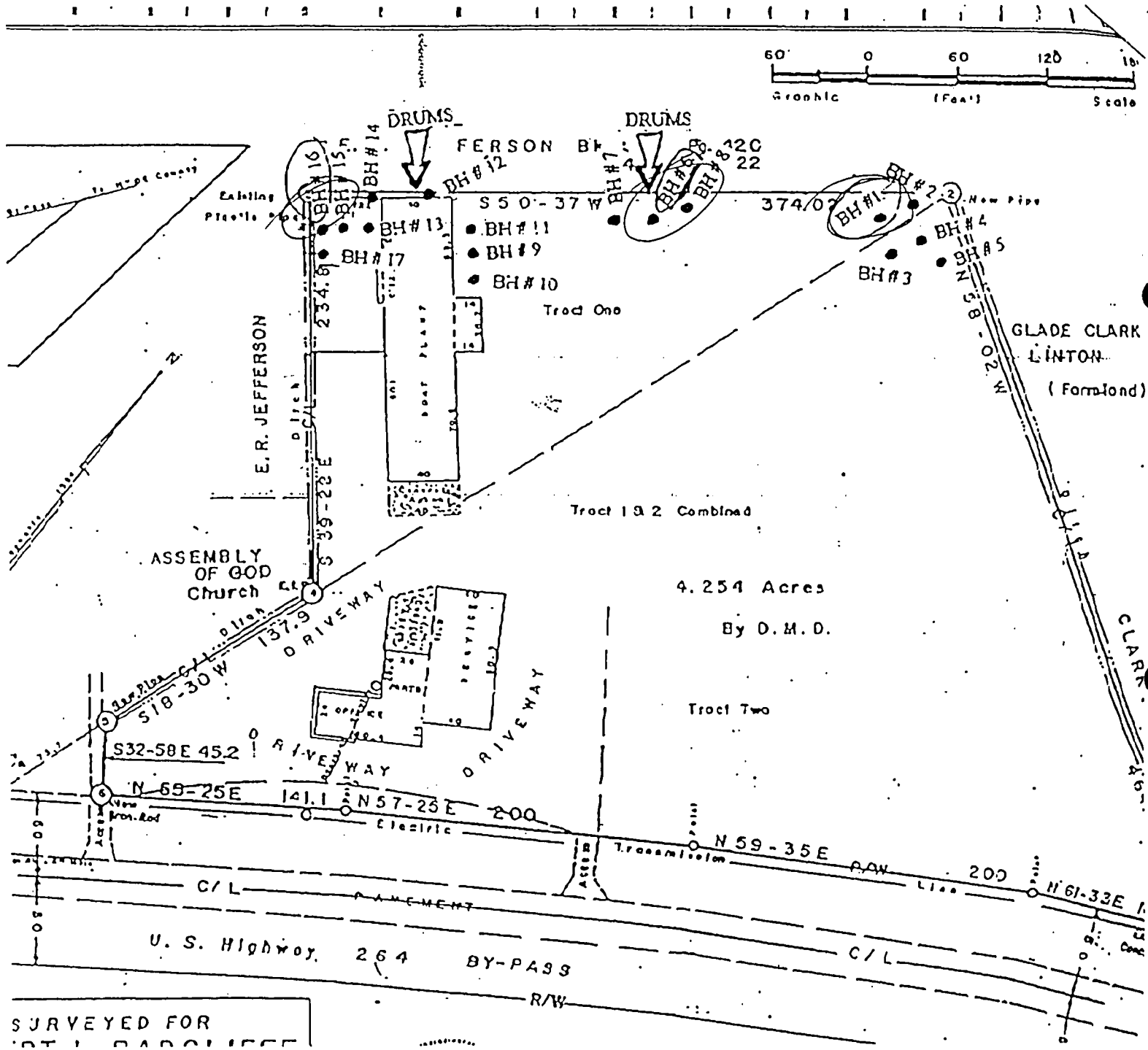
PROJECT :

Radcliffe Marine Sales, Inc.
Site Map

PROJ. # 676-0109
DRAWN BY : JAH
SCALE : 1" = 50'

FIGURE : 2



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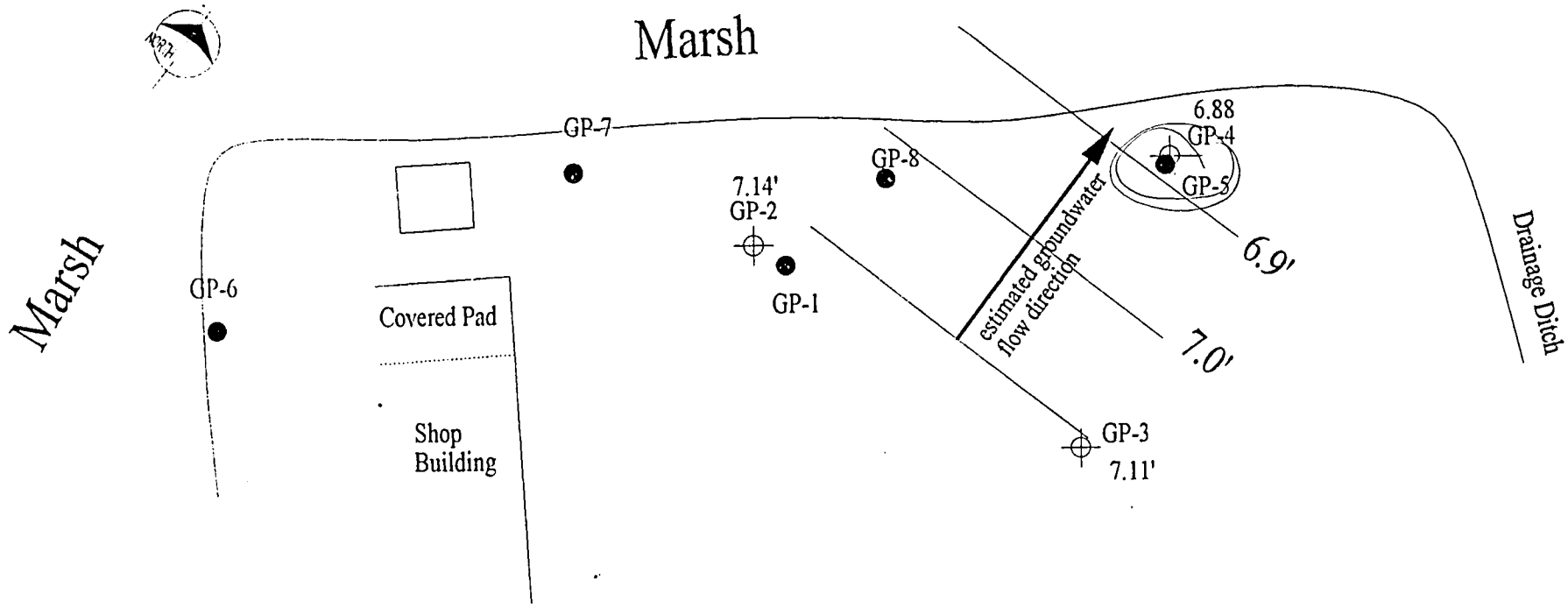
PROJECT:
Radcliffe Marine Sales, Inc.
1995 Soil Sample Location Map

PROJ. #: 676-0109
DRAWN BY: JAH
SCALE: as shown

FIGURE: 3

(from AEC report, 1995)



LEGEND

- Geoprobe Locations
- Temporary Well Location

Note: Geoprobe locations surveyed relative to northwest corner of covered pad. Boundary of swampy area approximate.

50.0'

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PROJECT:

Radcliffe Marine Sales, Inc.
Water Table Map (10/28/96)

PROJ.#: 676-0109
DRAWN BY: JAH
SCALE: 1" = 50'

FIGURE: 4

APPENDIX A

Field Data Sheets

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-1 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 11
DATE STARTED/COMPLETED: 10-28-96 / 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		m	low	100%	20*		0.0-0.8 medium gray SAND, fine grained 0.8-1.9 dark gray SAND with rootlets wet at 1.8' * Natural organics? 1.9-4' medium light gray fine SAND 4.0-6.2 as above
5		m		25%			6.2-7.0 dark gray SAND
		m		~33%			loose wet sand at ~~to~~ filling top of core and rods, assumed sloughing clayey SAND at bottom of core
10							
TD 11'							
15							No Sample

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-2 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 10' Point 4' Soil
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		* 8260 m	low		0		0.0-1.0 Mixed SAND and clayey SAND 1.0-1.7 Black SAND 1.7-4.0 Medium gray to light gray fine SAND From 4.0' to 10' push solid point
5							pull rods out of hole & install well material 5' screen & 5' pipe bottom of screen at ~7' & approximately 3' stick up. add sand pack.
10							Sample at 0945 hrs - Soil at 1' Sample water @ 1540
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-3 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 4' soil
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		m	low	87.5%			0.0-1.8 Black SAND and grass rootlets 1.8-3.5 medium-light gray SAND 4.0-10
5							Push soild point as at GP-2 and install Temporary monitoring well
10							sample water at 1550 hrs
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-4 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 4' soil
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		GP4-1 * 8260	low				0.0-1.8 medium and dark gray SAND
		GP4-2.4 * 8260		~80%	NM odor		1.8-3.2 Black SAND locally clayey
							4.0 – Push solid point as at GP-2
5							and install temporary well
							Sample Soil at 1050 hrs (GP4-1 + GP4-2.4)
10							Sample water at 1545 & 1555 for dup. (GP4 & GP-9 duplicate)
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-5 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: –
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
							Push slotted screen to 5.5'. collect water sample
5							Sample water at 1140hrs
10							
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-6 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 4' soil
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		GP6 * 8260 M	low	88%			0-1.5 Black SAND 1.5-3.5 medium gray fine SAND Push mill-slotted screen next to soil probe hole for water sample bottom of probe ~ 6'
5							
							Sample soil at 1230 hrs Sample water at 1245 hrs
10							
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-7 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 4' soil
DATE STARTED/COMPLETED: 10-28-96 LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		M	low	88			0.0-1.6 Black SAND 1.6-3.5 medium light gray SAND next to soil probe hole push screened water sampler tool to approximately 7' ~~pull up~~
5							
							Sample water at 1400 hrs
10							
15							

BORING LOG

TRIANGLE ENVIRONMENTAL INC.

BORING No.: GP-8 SHEET 1 OF 1
PROJECT: Radcliffe Marine PROJECT No: 676-0109
LOCATION: Belhaven, North Carolina
DRILLER: Regional Probing TYPE OF BORING: Geoprobe TOTAL DEPTH: 4'
DATE STARTED/COMPLETED: LOGGED BY: JAH

DEPTH (feet)	ELEVATION (feet)	SAMPLE No. and TYPE	Pen. Resist.	Inches Recov. / RQD %	OVA (ppm)	GRAPHICS	DESCRIPTION / REMARKS
		m	low	56%			0.0-1.0 brownish gray SAND 1.0-2.2 Black SAND
5							No samples Collected
10							
15							

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 676-0109

Date: 10/28/96
Time:
Weather: Sunny 70s

WELL NUMBER: GP-2
Well I.Diam: 1"

Personnel: JAH
Csg. Material: PVC

Measurements from TOC:
Screened interval: 5 -10'
Total well depth (TD): 10 TOC 7' bgs
Depth to water (DTW): 5.30
Length of water column: 4.7 x 0.045
Volume in well (gal): 0.2
Total water volume purged: ~1
Method Purged: Disposable Bailer
Method sampled: Disposable Bailer

Remarks on sampling:

Time Sampled: 1540 hrs

Remarks on well/casing condition:
Protective Cover: Flush/**Stick-up**

	OK/not OK	Comments
Lock:	___/___	
ID Plate:	___/___	Temporary Well, well abandoned same day
Well Cap:	___/___	
Cover:	___/___	

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 677-0109

Date: 10/28/96
Time:
Weather: Sunny 70s
Personnel: JAH
Csg. Material: PVC

WELL NUMBER: GP-3
Well I.Diam: 1"
Measurements from TOC:
Screened interval: 5-10'
Total well depth (TD): 10' to 7' bgs
Depth to water (DTW): 5.40
Length of water column: 4.6 x 0.045
Volume in well (gal): 0.2
Total water volume purged: ~1
Method Purged: Disposable Bailer
Method sampled: Disposable Bailer

Remarks on sampling:

Time Sampled: 1550

Remarks on well/casing condition:

Protective Cover: Flush/**Stick-up**

	OK/not OK	Comments
Lock:	___/___	
ID Plate:	___/___	Temporary Well, well abandoned same day
Well Cap:	___/___	
Cover:	___/___	

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 677-0109

Date: 10/28/96
Time:
Weather: ✓

WELL NUMBER: GP-4
Well I.Diam: 1"

Personnel: JAH
Csg. Material: PVC

Measurements from TOC:
Screened interval: 5-10'
Total well depth (TD): 10' TOC 7' BGS
Depth to water (DTW): 5.14
Length of water column: 4.9 x 0.045
Volume in well (gal): 0.22
Total water volume purged: ~1
Method Purged: Disposable Bailer
Method sampled: Disposable Bailer

Remarks on sampling:

sample dark gray, Cldy
sample duplicate as "GP-9"

Time Sampled: 1545 (duplicate @ 1555)

Remarks on well/casing condition:

Protective Cover: Flush/**Stick-up**

	OK/not OK	Comments
Lock:	___/___	
ID Plate:	___/___	Temporary Well, well abandoned same day
Well Cap:	___/___	
Cover:	___/___	

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 676-0109

Date: 7/28/96
Personnel: JAH
Weather: sunny 70s

PROBE NUMBER: GP-5
Rod I. Diam: 0.5"
Measurements from ground surface:
Depth to Probe Bottom 5.5' bgs - mill slotted
Estimated Depth to water (DTW): ~2'

Method Purged: reciprocating disposable tubing w/ foot valve
Method sampled: " " " "

Remarks on sampling: push probe to 3-5' bgs
use mill slotted screen
Minimal purge
sample dark gray

Time Sampled: 1140

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 676-0109

Date:
Personnel: JAH
Weather:

PROBE NUMBER: GP-6
Rod I. Diam: 0.5"
Measurements from ground surface:
Depth to Probe Bottom 6.0
Estimated Depth to water (DTW): ~2'

Method Purged: recip. disposable tubing w/foot valve
Method sampled: " " "

Remarks on sampling:
push mill-slotted wellpoint to 6.0' BGS
minimal purge
sample silty, clay ≠

Time Sampled: 1245

Note: soil sample GP-6 collected w/ macro sampler in probe hole ~ 2' from water collection point

TRIANGLE ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING FIELD DATA
WORK SHEET

Project Name: Radcliffe Marine
Project. No.: 676-0109

Date: 10/28
Personnel: JAH
Weather: sunny 70s

PROBE NUMBER: GP-7
Rod I. Diam: 0.5"
Measurements from ground surface:
Depth to Probe Bottom 7'
Estimated Depth to water (DTW): 2'

Method Purged: recip. disposable tubing w/ foot valve
Method sampled: " " " "

Remarks on sampling:

Push screen point sample to ~7'
Pull up to open tool, did not open,
use extension extension rods to open tool & push
screen to ~7'
minimal purge
sample mod. cldy

Time Sampled: 1400'

note: soil probe GP-7 (no soil sample collected)
located approx 2' from water sample location.

TRIANGLE ENVIRONMENTAL, INC.

Well Survey Data Sheet

Project Name: _Radcliffe Marine

Project No: _676-0109_____

Date: _10/28/96_____

Survey Personnel:

___JAH_____

_____

EI	Location	ROD (Mid)	ROD (low)	ROD (high)	Angle	Elevation	Distance	Comments
14.70	Crnr1	4.70	4.12	5.27	0	10.00	115	arbitrary datum of 10
	L1	4.705	4.09	5.32	335.8	10.00	123	
	GP-6	6.02		7.04	355.8	8.68	204	
	GP-7	5.63		6.13	17.9	9.07	100	
	GP-2	2.26	2.05	2.47	11.2	12.44	42	TOC
	GP-1	5.385	5.225	5.54	4	9.32	31.5	
	GP-8	5.69	5.55	5.83	88	9.01	28	
	GP-4	2.683	2.227	3.14	158.2	12.02	91.3	TOC
	GP-5	5.405	4.96	5.85	159.5	9.30	89	
	GP-3	2.19	1.80	2.58	223	12.51	78	TOC

All Measurements in feet

EI = Elevation of Instrument

TRIANGLE ENVIRONMENTAL, INC.

Water Level Survey Data Sheet

Project Name: Radcliffe Marine

Project No: 676-0109

Survey Personnel:
JAH

Date	Well	TOC Elevation	Depth to Product	Depth to Water	Product Thickness	Static Water Level	Comments
10/28/96	GP-2	12.44		5.30		7.14	
	GP-3	12.51		5.40		7.11	
	GP-4	12.02		5.14		6.88	

All measurements in feet, Depths are relative to top of casing

APPENDIX B

Laboratory Data Sheets

IEA, Inc.
3000 Weston Parkway
Cary, NC 27513

Phone 919-677-0090
Fax 919-677-0427

IEA
An Aquarion Company

November 13, 1996

John Hill
Triangle Environmental, Inc.
P.O. Box 41087
Raleigh, NC 27629

IEA Project No.: 1307214\9610670
IEA Reference No.: W9610624
Client Project I.D.: 676-0109

Dear Mr. Hill,

Transmitted herewith are the results of analyses on 11 samples submitted to our laboratory.

The samples were received intact.

Analyses were performed according to approved methodologies and meet the requirements of the IEA Quality Assurance Program except where noted. Please see the enclosed reports for your results and a copy of the Chain of Custody documentation.

Thank you for selecting IEA for your sample analysis. Please do not hesitate to call me at 1-919-677-0090 or 1-800-444-9919 should you have any questions regarding this report. We look forward to serving you in the future.

Very truly yours,

IEA, Inc.

for Tina Clark

Jim Hays
Project Manager

IEA, Inc.
3000 Weston Parkway
Cary, NC 27513

Phone 919-677-0090
Fax 919-677-0427

IEA
An Aquarion Company

IEA-NORTH CAROLINA CERTIFICATIONS

Certifying State	Program Type	Lab ID #
Alabama	DW	40210
Arkansas	WW	None Provided
California	DW, WW, HW Radiolog.	1768
Connecticut	DW, WW	PH-0135
Kansas	DW, HW, WW	E-10158
Kentucky	DW	90049
Maryland	DW, Radiolog.	259
Massachusetts	DW, WW	M-NC039
New Jersey	DW, WW Radiolog.	67719 67681
New York	Radiolog.	11422
North Carolina	DW WW Radiolog.	DW 37720 WW 84 Rad 37720
Ohio	Volountary Action Program	CL00021
South Carolina	DW,WW,HW	99021
Tennessee	DW UST App List	02914
Utah	Radiolog. RCRA	E-206 E-226
Virginia	DW	00179
West Virginia	DW	9908C
Wisconsin	WW	998051010

DW=Drinking Water WW=Wastewater HW=Hazardous Waste Radiolog.=Radiological

Rev10.11/96

Monroe,
Connecticut
203-261-4458

Schaumburg,
Illinois
847-705-0740

N. Billerica,
Massachusetts
508-667-1400

Whippany,
New Jersey
201-428-8181

printed on recycled paper

IEA, Inc.
3000 Weston Parkway
Cary, NC 27513

Phone 919-677-0090
Fax 919-677-0427

IEA
An Aquarion Company

ATTENTION

Dear Valued Client:

Included in your data package are improved GC/MS volatile and semivolatile organic result forms for SW-846 methodologies. IEA is in the process of implementing a new Laboratory Information Management System (LIMS). This new system will allow IEA to present data to you in a more efficient and usable fashion. As we continue to implement the new system, additional test methods will be converted to the new report format. For your review, we have highlighted several of the key changes to these forms, below:

FORMAT CHANGES

* U (for undetected) replaces BQL
* Chemical Abstract Society (CAS) numbers have been added for easy compound identification
* The result column contains the fully adjusted result or fully adjusted quantitation limit
* Header information is easier to read

We are confident that you will find these new result forms easier to use. The form changes are only a few of the improvements resulting from our new LIMS from which you, our customer, will benefit. If you should have any questions, please contact your Account Executive or Project Manager. Again, we thank you for the opportunity to support your environmental needs.

Sincerely,

Jack Dullaghan

Jack P. Dullaghan
Director, North Carolina Operations

Monroe, Connecticut 203-261-4458

Schaumburg, Illinois 847-705-0740

N. Billerica, Massachusetts 508-667-1400

Whippany, New Jersey 201-428-8181

IEA **SDG NARRATIVE VOLATILE FRACTION**

PROJECT:1307-214 BATCH:10670 METHOD:SW-846 (8260)

Samples: Four (4) Soil Samples and Seven (7) Water Samples

These samples were received at Industrial and Environmental Analysts, Inc. (IEA) on October 30, 1996. Each sample was assigned a 9-character "IEA" lab identification number (lab ID). All analyses were performed according to approved methodologies and meet the requirements of the IEA Quality Assurance Program. Please see the enclosed data package for your results and Chain of Custody (COC) documentation.

The "E" flag used on the Form I designates that the concentration exceeds the method specified calibration range.

The following nonconformances associated with the analysis of the samples in this case are as follows:

Sample number 03 (client ID GP-4-2-4) was analyzed at a 5X dilution based on prior screening data. The target compound 1,2,4-Trimethylbenzene has a concentration which slightly exceeds the calibration range. The sample could not be reanalyzed due to holding time expiration. This was discussed with the sales representative and the client.

I certify that this data package is in compliance with the procedures and methods defined for this project, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data (if applicable) as submitted has been authorized by the laboratory manager or his designee, as verified by the following signature.

Brian D. Neptune 11/12/96

Brian D. Neptune
Lead Analyst, GC/MS Final Review
IEA, Inc.

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK56

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK56

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/11/96

Lab File ID: 1111503.D

Analyst: MOORE

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: VBLK56
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: VBLK56
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received:
Date Sampled:
Date Analyzed: 11/11/96
Lab File ID: 1111503.D
Analyst: MOORE
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK56

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK56

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/11/96

Lab File ID: 1111503.D

Analyst: MOORE

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK5X

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK5X

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/07/96

Lab File ID: 1107E04.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK5X

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK5X

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/07/96

Lab File ID: 1107E04.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK5X

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK5X

Matrix: (soil/water) WATER

% Moisture: not.dec.

Date Received:

Date Sampled:

Date Analyzed: 11/07/96

Lab File ID: 1107E04.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLKER

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLKER

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/05/96

Lab File ID: 1105E02.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: VBLKER
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: VBLKER
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received:
Date Sampled:
Date Analyzed: 11/05/96
Lab File ID: 1105E02.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLKER

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLKER

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/05/96

Lab File ID: 1105E02.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLKET

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLKET

Matrix: (soil/water) WATER

% Moisture: not.dec.

Date Received:

Date Sampled:

Date Analyzed: 11/06/96

Lab File ID: 1106E02.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLKET

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLKET

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received:

Date Sampled:

Date Analyzed: 11/06/96

Lab File ID: 1106E02.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
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METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLKET

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLKET

Matrix: (soil/water) WATER

% Moisture: not.dec.

Date Received:

Date Sampled:

Date Analyzed: 11/06/96

Lab File ID: 1106E02.D

Analyst: DIXON

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: VBLK79
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: VBLK79
Matrix: (soil/water) SOIL
% Moisture: not.dec. 0

Date Received:
Date Sampled:
Date Analyzed: 11/10/96
Lab File ID: 1110704.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214 | Date Received:

IEA Sample Number: VBLK79 | Date Sampled:

Client Name: TRIANGLE ENVIRONMENTAL INC. | Date Analyzed: 11/10/96

Client Project: 676-0109 | Lab File ID: 1110704.D.

Sample Identification: VBLK79 | Analyst: COLLINS

Matrix: (soil/water) SOIL | Dilution Factor: 1.0

% Moisture: not.dec. 0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK79

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK79

Matrix: (soil/water) SOIL

% Moisture: not dec. 0

Date Received:

Date Sampled:

Date Analyzed: 11/10/96

Lab File ID: 1110704.D

Analyst: COLLINS

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK7A

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK7A

Matrix: (soil/water) SOIL

% Moisture: not dec. 0

Date Received:

Date Sampled:

Date Analyzed: 11/11/96

Lab File ID: 1111703.D

Analyst: COLLINS

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214

IEA Sample Number: VBLK7A

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK7A

Matrix: (soil/water) SOIL

% Moisture: not dec. 0

Date Received:

Date Sampled:

Date Analyzed: 11/11/96

Lab File ID: 1111703.D

Analyst: COLLINS

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

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IEA Project Number: 1307-214

IEA Sample Number: VBLK7A

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: VBLK7A

Matrix: (soil/water) SOIL

% Moisture: not.dec. 0

Date Received:

Date Sampled:

Date Analyzed: 11/11/96

Lab File ID: 1111703.D

Analyst: COLLINS

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067001
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) SOIL
% Moisture: not dec. 19

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110708.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	62	U
107-13-1	Acrylonitrile	5	6	U
107-05-1	Allyl Chloride	5	6	U
71-43-2	Benzene	5	6	U
108-86-1	Bromobenzene	5	6	U
74-97-5	Bromochloromethane	5	6	U
75-27-4	Bromodichloromethane	5	6	U
75-25-2	Bromoform	5	6	U
74-83-9	Bromomethane	10	12	U
78-93-3	2-Butanone	10	12	U
104-51-8	N-Butylbenzene	5	6	U
135-98-8	Sec-Butylbenzene	5	6	U
98-06-6	Tert-Butylbenzene	5	6	U
75-15-0	Carbon Disulfide	5	6	U
56-23-5	Carbon Tetrachloride	5	6	U
108-90-7	Chlorobenzene	5	6	U
124-48-1	Chlorodibromomethane	5	6	U
75-00-3	Chloroethane	10	12	U
110-75-8	2-Chloroethyl Vinyl Ether	10	12	U
67-66-3	Chloroform	5	6	U
74-87-3	Chloromethane	10	12	U
95-49-8	2-Chlorotoluene	5	6	U
106-43-4	4-Chlorotoluene	5	6	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	6	U
106-93-4	1,2-Dibromoethane	5	6	U
74-95-3	Dibromomethane	5	6	U
95-50-1	1,2-Dichlorobenzene	5	6	U
541-73-1	1,3-Dichlorobenzene	5	6	U
106-46-7	1,4-Dichlorobenzene	5	6	U
75-71-8	Dichlorodifluoromethane	10	12	U
75-34-3	1,1-Dichloroethane	5	6	U
107-06-2	1,2-Dichloroethane	5	6	U
75-35-4	1,1-Dichloroethene	5	6	U
156-59-2	Cis-1,2-Dichloroethene	5	6	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067001
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) SOIL
% Moisture: not dec. 19

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110708.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	6	U
78-87-5	1,2-Dichloropropane	5	6	U
142-28-9	1,3-Dichloropropane	5	6	U
594-20-7	2,2-Dichloropropane	5	6	U
563-58-6	1,1-Dichloropropene	5	6	U
10061-01-5	Cis-1,3-Dichloropropene	5	6	U
10061-02-6	Trans-1,3-Dichloropropene	5	6	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	6	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	6	U
100-41-4	Ethylbenzene	5	6	U
97-63-2	Ethyl Methacrylate	5	6	U
87-68-3	Hexachlorobutadiene	5	6	U
591-78-6	2-Hexanone	10	12	U
74-88-4	Iodomethane	5	6	U
98-82-8	Isopropylbenzene	5	6	U
99-87-6	P-Isopropyltoluene	5	6	U
126-98-7	Methacrylonitrile	5	6	U
75-09-2	Methylene Chloride	10	12	U
80-62-6	Methyl Methacrylate	5	6	U
108-10-1	4-Methyl-2-Pentanone	10	12	U
1634-04-4	Methyl-tert-Butyl ether	5	6	U
91-20-3	Naphthalene	5	6	U
76-01-7	Pentachloroethane	5	6	U
103-65-1	N-Propylbenzene	5	6	U
100-42-5	Styrene	5	6	U
630-20-6	1,1,1,2-Tetrachloroethane	5	6	U
79-34-5	1,1,2,2-Tetrachloroethane	5	6	U
127-18-4	Tetrachloroethene	5	6	U
108-88-3	Toluene	5	6	U
87-61-6	1,2,3-Trichlorobenzene	5	6	U
120-82-1	1,2,4-Trichlorobenzene	5	6	U
71-55-6	1,1,1-Trichloroethane	5	6	U
79-00-5	1,1,2-Trichloroethane	5	6	U
79-01-6	Trichloroethene	5	6	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067001
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) SOIL
% Moisture: not.dec. 19

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110708.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	6	U
96-18-4	1,2,3-Trichloropropane	5	6	U
95-63-6	1,2,4-Trimethylbenzene	5	6	U
108-67-8	1,3,5-Trimethylbenzene	5	6	U
108-05-4	Vinyl Acetate	10	12	U
75-01-4	Vinyl Chloride	10	12	U
1330-20-7	Xylene (Total)	5	6	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067002
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4-1
Matrix: (soil/water) SOIL
% Moisture: not dec. 12

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110709.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	57	U
107-13-1	Acrylonitrile	5	6	U
107-05-1	Allyl Chloride	5	6	U
71-43-2	Benzene	5	6	U
108-86-1	Bromobenzene	5	6	U
74-97-5	Bromochloromethane	5	6	U
75-27-4	Bromodichloromethane	5	6	U
75-25-2	Bromoform	5	6	U
74-83-9	Bromomethane	10	11	U
78-93-3	2-Butanone	10	11	U
104-51-8	N-Butylbenzene	5	6	U
135-98-8	Sec-Butylbenzene	5	6	U
98-06-6	Tert-Butylbenzene	5	6	U
75-15-0	Carbon Disulfide	5	6	U
56-23-5	Carbon Tetrachloride	5	6	U
108-90-7	Chlorobenzene	5	6	U
124-48-1	Chlorodibromomethane	5	6	U
75-00-3	Chloroethane	10	11	U
110-75-8	2-Chloroethyl Vinyl Ether	10	11	U
67-66-3	Chloroform	5	6	U
74-87-3	Chloromethane	10	11	U
95-49-8	2-Chlorotoluene	5	6	U
106-43-4	4-Chlorotoluene	5	6	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	6	U
106-93-4	1,2-Dibromoethane	5	6	U
74-95-3	Dibromomethane	5	6	U
95-50-1	1,2-Dichlorobenzene	5	6	U
541-73-1	1,3-Dichlorobenzene	5	6	U
106-46-7	1,4-Dichlorobenzene	5	6	U
75-71-8	Dichlorodifluoromethane	10	11	U
75-34-3	1,1-Dichloroethane	5	6	U
107-06-2	1,2-Dichloroethane	5	6	U
75-35-4	1,1-Dichloroethene	5	6	U
156-59-2	Cis-1,2-Dichloroethene	5	6	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067002
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4-1
Matrix: (soil/water) SOIL
% Moisture: not dec. 12

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110709.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	6	U
78-87-5	1,2-Dichloropropane	5	6	U
142-28-9	1,3-Dichloropropane	5	6	U
594-20-7	2,2-Dichloropropane	5	6	U
563-58-6	1,1-Dichloropropene	5	6	U
10061-01-5	Cis-1,3-Dichloropropene	5	6	U
10061-02-6	Trans-1,3-Dichloropropene	5	6	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	6	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	6	U
100-41-4	Ethylbenzene	5	6	U
97-63-2	Ethyl Methacrylate	5	6	U
87-68-3	Hexachlorobutadiene	5	6	U
591-78-6	2-Hexanone	10	11	U
74-88-4	Iodomethane	5	6	U
98-82-8	Isopropylbenzene	5	6	U
99-87-6	P-Isopropyltoluene	5	6	U
126-98-7	Methacrylonitrile	5	6	U
75-09-2	Methylene Chloride	10	11	U
80-62-6	Methyl Methacrylate	5	6	U
108-10-1	4-Methyl-2-Pentanone	10	11	U
1634-04-4	Methyl-tert-Butyl ether	5	6	U
91-20-3	Naphthalene	5	6	U
76-01-7	Pentachloroethane	5	6	U
103-65-1	N-Propylbenzene	5	6	U
100-42-5	Styrene	5	6	U
630-20-6	1,1,1,2-Tetrachloroethane	5	6	U
79-34-5	1,1,2,2-Tetrachloroethane	5	6	U
127-18-4	Tetrachloroethene	5	6	U
108-88-3	Toluene	5	6	U
87-61-6	1,2,3-Trichlorobenzene	5	6	U
120-82-1	1,2,4-Trichlorobenzene	5	6	U
71-55-6	1,1,1-Trichloroethane	5	6	U
79-00-5	1,1,2-Trichloroethane	5	6	U
79-01-6	Trichloroethene	5	6	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067002
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4-1
Matrix: (soil/water) SOIL
% Moisture: not dec. 12

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/10/96
Lab File ID: 1110709.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	6	U
96-18-4	1,2,3-Trichloropropane	5	6	U
95-63-6	1,2,4-Trimethylbenzene	5	6	U
108-67-8	1,3,5-Trimethylbenzene	5	6	U
108-05-4	Vinyl Acetate	10	11	U
75-01-4	Vinyl Chloride	10	11	U
1330-20-7	Xylene (Total)	5	6	U

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IEA Project Number: 1307-214 | Date Received: 10/30/96

IEA Sample Number: 961067003 | Date Sampled: 10/28/96

Client Name: TRIANGLE ENVIRONMENTAL INC. | Date Analyzed: 11/11/96

Client Project: 676-0109 | Lab File ID: 1111704.D

Sample Identification: GP-4-2-4 | Analyst: COLLINS

Matrix: (soil/water) SOIL | Dilution Factor: 1.0

% Moisture: not dec. 10

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	280	U
107-13-1	Acrylonitrile	5	28	U
107-05-1	Allyl Chloride	5	28	U
71-43-2	Benzene	5	28	U
108-86-1	Bromobenzene	5	28	U
74-97-5	Bromochloromethane	5	28	U
75-27-4	Bromodichloromethane	5	28	U
75-25-2	Bromoform	5	28	U
74-83-9	Bromomethane	10	56	U
78-93-3	2-Butanone	10	56	U
104-51-8	N-Butylbenzene	5	370	
135-98-8	Sec-Butylbenzene	5	56	
98-06-6	Tert-Butylbenzene	5	28	U
75-15-0	Carbon Disulfide	5	28	U
56-23-5	Carbon Tetrachloride	5	28	U
108-90-7	Chlorobenzene	5	28	U
124-48-1	Chlorodibromomethane	5	28	U
75-00-3	Chloroethane	10	56	U
110-75-8	2-Chloroethyl Vinyl Ether	10	56	U
67-66-3	Chloroform	5	28	U
74-87-3	Chloromethane	10	56	U
95-49-8	2-Chlorotoluene	5	28	U
106-43-4	4-Chlorotoluene	5	28	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	28	U
106-93-4	1,2-Dibromoethane	5	28	U
74-95-3	Dibromomethane	5	28	U
95-50-1	1,2-Dichlorobenzene	5	28	U
541-73-1	1,3-Dichlorobenzene	5	28	U
106-46-7	1,4-Dichlorobenzene	5	28	U
75-71-8	Dichlorodifluoromethane	10	56	U
75-34-3	1,1-Dichloroethane	5	28	U
107-06-2	1,2-Dichloroethane	5	28	U
75-35-4	1,1-Dichloroethene	5	28	U
156-59-2	Cis-1,2-Dichloroethene	5	28	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067003
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4-2-4
Matrix: (soil/water) SOIL
% Moisture: not dec. 10

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111704.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	28	U
78-87-5	1,2-Dichloropropane	5	28	U
142-28-9	1,3-Dichloropropane	5	28	U
594-20-7	2,2-Dichloropropane	5	28	U
563-58-6	1,1-Dichloropropene	5	28	U
10061-01-5	Cis-1,3-Dichloropropene	5	28	U
10061-02-6	Trans-1,3-Dichloropropene	5	28	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	28	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	28	U
100-41-4	Ethylbenzene	5	900	
97-63-2	Ethyl Methacrylate	5	28	U
87-68-3	Hexachlorobutadiene	5	28	U
591-78-6	2-Hexanone	10	56	U
74-88-4	Iodomethane	5	28	U
98-82-8	Isopropylbenzene	5	32	
99-87-6	P-Isopropyltoluene	5	53	
126-98-7	Methacrylonitrile	5	28	U
75-09-2	Methylene Chloride	10	56	U
80-62-6	Methyl Methacrylate	5	28	U
108-10-1	4-Methyl-2-Pentanone	10	56	U
1634-04-4	Methyl-tert-Butyl ether	5	28	U
91-20-3	Naphthalene	5	970	
76-01-7	Pentachloroethane	5	28	U
103-65-1	N-Propylbenzene	5	120	
100-42-5	Styrene	5	28	U
630-20-6	1,1,1,2-Tetrachloroethane	5	28	U
79-34-5	1,1,2,2-Tetrachloroethane	5	28	U
127-18-4	Tetrachloroethene	5	28	U
108-88-3	Toluene	5	28	U
87-61-6	1,2,3-Trichlorobenzene	5	28	U
120-82-1	1,2,4-Trichlorobenzene	5	28	U
71-55-6	1,1,1-Trichloroethane	5	28	U
79-00-5	1,1,2-Trichloroethane	5	28	U
79-01-6	Trichloroethene	5	28	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067003
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4-2-4
Matrix: (soil/water) SOIL
% Moisture: not dec. 10

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111704.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	28	U
96-18-4	1,2,3-Trichloropropane	5	28	U
95-63-6	1,2,4-Trimethylbenzene	5	1200	E
108-67-8	1,3,5-Trimethylbenzene	5	340	
108-05-4	Vinyl Acetate	10	56	U
75-01-4	Vinyl Chloride	10	56	U
1330-20-7	Xylene (Total)	5	720	

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IEA Project Number: 1307-214
IEA Sample Number: 961067004
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-6
Matrix: (soil/water) SOIL
% Moisture: not.dec. 14

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111706.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
67-64-1	Acetone	50	58	U
107-13-1	Acrylonitrile	5	6	U
107-05-1	Allyl Chloride	5	6	U
71-43-2	Benzene	5	6	U
108-86-1	Bromobenzene	5	6	U
74-97-5	Bromochloromethane	5	6	U
75-27-4	Bromodichloromethane	5	6	U
75-25-2	Bromoform	5	6	U
74-83-9	Bromomethane	10	12	U
78-93-3	2-Butanone	10	12	U
104-51-8	N-Butylbenzene	5	6	U
135-98-8	Sec-Butylbenzene	5	6	U
98-06-6	Tert-Butylbenzene	5	6	U
75-15-0	Carbon Disulfide	5	6	U
56-23-5	Carbon Tetrachloride	5	6	U
108-90-7	Chlorobenzene	5	6	U
124-48-1	Chlorodibromomethane	5	6	U
75-00-3	Chloroethane	10	12	U
110-75-8	2-Chloroethyl Vinyl Ether	10	12	U
67-66-3	Chloroform	5	6	U
74-87-3	Chloromethane	10	12	U
95-49-8	2-Chlorotoluene	5	6	U
106-43-4	4-Chlorotoluene	5	6	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	6	U
106-93-4	1,2-Dibromoethane	5	6	U
74-95-3	Dibromomethane	5	6	U
95-50-1	1,2-Dichlorobenzene	5	6	U
541-73-1	1,3-Dichlorobenzene	5	6	U
106-46-7	1,4-Dichlorobenzene	5	6	U
75-71-8	Dichlorodifluoromethane	10	12	U
75-34-3	1,1-Dichloroethane	5	6	U
107-06-2	1,2-Dichloroethane	5	6	U
75-35-4	1,1-Dichloroethene	5	6	U
156-59-2	Cis-1,2-Dichloroethene	5	6	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067004
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-6
Matrix: (soil/water) SOIL
% Moisture: not dec. 14

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111706.D
Analyst: COLLINS
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
156-60-5	Trans-1,2-Dichloroethene	5	6	U
78-87-5	1,2-Dichloropropane	5	6	U
142-28-9	1,3-Dichloropropane	5	6	U
594-20-7	2,2-Dichloropropane	5	6	U
563-58-6	1,1-Dichloropropene	5	6	U
10061-01-5	Cis-1,3-Dichloropropene	5	6	U
10061-02-6	Trans-1,3-Dichloropropene	5	6	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	6	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	6	U
100-41-4	Ethylbenzene	5	6	U
97-63-2	Ethyl Methacrylate	5	6	U
87-68-3	Hexachlorobutadiene	5	6	U
591-78-6	2-Hexanone	10	12	U
74-88-4	Iodomethane	5	6	U
98-82-8	Isopropylbenzene	5	6	U
99-87-6	P-Isopropyltoluene	5	6	U
126-98-7	Methacrylonitrile	5	6	U
75-09-2	Methylene Chloride	10	12	U
80-62-6	Methyl Methacrylate	5	6	U
108-10-1	4-Methyl-2-Pentanone	10	12	U
1634-04-4	Methyl-tert-Butyl ether	5	6	U
91-20-3	Naphthalene	5	6	U
76-01-7	Pentachloroethane	5	6	U
103-65-1	N-Propylbenzene	5	6	U
100-42-5	Styrene	5	6	U
630-20-6	1,1,1,2-Tetrachloroethane	5	6	U
79-34-5	1,1,2,2-Tetrachloroethane	5	6	U
127-18-4	Tetrachloroethene	5	6	U
108-88-3	Toluene	5	6	U
87-61-6	1,2,3-Trichlorobenzene	5	6	U
120-82-1	1,2,4-Trichlorobenzene	5	6	U
71-55-6	1,1,1-Trichloroethane	5	6	U
79-00-5	1,1,2-Trichloroethane	5	6	U
79-01-6	Trichloroethene	5	6	U

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IEA Project Number: 1307-214

IEA Sample Number: 961067004

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: GP-6

Matrix: (soil/water) SOIL

% Moisture: not dec. 14

Date Received: 10/30/96

Date Sampled: 10/28/96

Date Analyzed: 11/11/96

Lab File ID: 1111706.D

Analyst: COLLINS

Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/kg	RESULT: ug/kg	Q
75-69-4	Trichlorofluoromethane	5	6	U
96-18-4	1,2,3-Trichloropropane	5	6	U
95-63-6	1,2,4-Trimethylbenzene	5	6	U
108-67-8	1,3,5-Trimethylbenzene	5	6	U
108-05-4	Vinyl Acetate	10	12	U
75-01-4	Vinyl Chloride	10	12	U
1330-20-7	Xylene (Total)	5	6	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067005
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E14.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067005
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E14.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	21	
91-20-3	Naphthalene	5	5	
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067005
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-2
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E14.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067006
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-3
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E15.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067006
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-3
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E15.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067006
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-3
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/06/96
Lab File ID: 1105E15.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067007
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/07/96
Lab File ID: 1106E10.D
Analyst: DIXON
Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	1000	U
107-13-1	Acrylonitrile	5	100	U
107-05-1	Allyl Chloride	5	100	U
71-43-2	Benzene	5	100	U
108-86-1	Bromobenzene	5	100	U
74-97-5	Bromochloromethane	5	100	U
75-27-4	Bromodichloromethane	5	100	U
75-25-2	Bromoform	5	100	U
74-83-9	Bromomethane	10	200	U
78-93-3	2-Butanone	10	200	U
104-51-8	N-Butylbenzene	5	100	U
135-98-8	Sec-Butylbenzene	5	100	U
98-06-6	Tert-Butylbenzene	5	100	U
75-15-0	Carbon Disulfide	5	100	U
56-23-5	Carbon Tetrachloride	5	100	U
108-90-7	Chlorobenzene	5	100	U
124-48-1	Chlorodibromomethane	5	100	U
75-00-3	Chloroethane	10	200	U
110-75-8	2-Chloroethyl Vinyl Ether	10	200	U
67-66-3	Chloroform	5	100	U
74-87-3	Chloromethane	10	200	U
95-49-8	2-Chlorotoluene	5	100	U
106-43-4	4-Chlorotoluene	5	100	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	100	U
106-93-4	1,2-Dibromoethane	5	100	U
74-95-3	Dibromomethane	5	100	U
95-50-1	1,2-Dichlorobenzene	5	100	U
541-73-1	1,3-Dichlorobenzene	5	100	U
106-46-7	1,4-Dichlorobenzene	5	100	U
75-71-8	Dichlorodifluoromethane	10	200	U
75-34-3	1,1-Dichloroethane	5	100	U
107-06-2	1,2-Dichloroethane	5	100	U
75-35-4	1,1-Dichloroethene	5	100	U
156-59-2	Cis-1,2-Dichloroethene	5	100	U

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IEA Project Number: 1307-214
IEA Sample Number: 961067007
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-4
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/07/96
Lab File ID: 1106E10.D
Analyst: DIXON
Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	100	U
78-87-5	1,2-Dichloropropane	5	100	U
142-28-9	1,3-Dichloropropane	5	100	U
594-20-7	2,2-Dichloropropane	5	100	U
563-58-6	1,1-Dichloropropene	5	100	U
10061-01-5	Cis-1,3-Dichloropropene	5	100	U
10061-02-6	Trans-1,3-Dichloropropene	5	100	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	100	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	100	U
100-41-4	Ethylbenzene	5	3200	
97-63-2	Ethyl Methacrylate	5	100	U
87-68-3	Hexachlorobutadiene	5	100	U
591-78-6	2-Hexanone	10	200	U
74-88-4	Iodomethane	5	100	U
98-82-8	Isopropylbenzene	5	100	U
99-87-6	P-Isopropyltoluene	5	100	U
126-98-7	Methacrylonitrile	5	100	U
75-09-2	Methylene Chloride	10	200	U
80-62-6	Methyl Methacrylate	5	100	U
108-10-1	4-Methyl-2-Pentanone	10	200	U
1634-04-4	Methyl-tert-Butyl ether	5	100	U
91-20-3	Naphthalene	5	100	U
76-01-7	Pentachloroethane	5	100	U
103-65-1	N-Propylbenzene	5	100	U
100-42-5	Styrene	5	100	U
630-20-6	1,1,1,2-Tetrachloroethane	5	100	U
79-34-5	1,1,2,2-Tetrachloroethane	5	100	U
127-18-4	Tetrachloroethene	5	100	U
108-88-3	Toluene	5	100	U
87-61-6	1,2,3-Trichlorobenzene	5	100	U
120-82-1	1,2,4-Trichlorobenzene	5	100	U
71-55-6	1,1,1-Trichloroethane	5	100	U
79-00-5	1,1,2-Trichloroethane	5	100	U
79-01-6	Trichloroethene	5	100	U

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IEA Project Number: 1307-214

IEA Sample Number: 961067007

Client Name: TRIANGLE ENVIRONMENTAL INC.

Client Project: 676-0109

Sample Identification: GP-4

Matrix: (soil/water) WATER

% Moisture: not dec.

Date Received: 10/30/96

Date Sampled: 10/28/96

Date Analyzed: 11/07/96

Lab File ID: 1106E10.D

Analyst: DIXON

Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	170	
96-18-4	1,2,3-Trichloropropane	5	100	U
95-63-6	1,2,4-Trimethylbenzene	5	240	
108-67-8	1,3,5-Trimethylbenzene	5	100	U
108-05-4	Vinyl Acetate	10	200	U
75-01-4	Vinyl Chloride	10	200	U
1330-20-7	Xylene (Total)	5	710	

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067008
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-5
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E09.D
Analyst: DIXON
Dilution Factor: 5.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	250	U
107-13-1	Acrylonitrile	5	25	U
107-05-1	Allyl Chloride	5	25	U
71-43-2	Benzene	5	31	
108-86-1	Bromobenzene	5	25	U
74-97-5	Bromochloromethane	5	25	U
75-27-4	Bromodichloromethane	5	25	U
75-25-2	Bromoform	5	25	U
74-83-9	Bromomethane	10	50	U
78-93-3	2-Butanone	10	50	U
104-51-8	N-Butylbenzene	5	25	U
135-98-8	Sec-Butylbenzene	5	25	U
98-06-6	Tert-Butylbenzene	5	25	U
75-15-0	Carbon Disulfide	5	25	U
56-23-5	Carbon Tetrachloride	5	25	U
108-90-7	Chlorobenzene	5	25	U
124-48-1	Chlorodibromomethane	5	25	U
75-00-3	Chloroethane	10	50	U
110-75-8	2-Chloroethyl Vinyl Ether	10	50	U
67-66-3	Chloroform	5	25	U
74-87-3	Chloromethane	10	50	U
95-49-8	2-Chlorotoluene	5	25	U
106-43-4	4-Chlorotoluene	5	25	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	25	U
106-93-4	1,2-Dibromoethane	5	25	U
74-95-3	Dibromomethane	5	25	U
95-50-1	1,2-Dichlorobenzene	5	25	U
541-73-1	1,3-Dichlorobenzene	5	25	U
106-46-7	1,4-Dichlorobenzene	5	25	U
75-71-8	Dichlorodifluoromethane	10	50	U
75-34-3	1,1-Dichloroethane	5	25	U
107-06-2	1,2-Dichloroethane	5	25	U
75-35-4	1,1-Dichloroethene	5	25	U
156-59-2	Cis-1,2-Dichloroethene	5	25	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067008
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-5
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E09.D
Analyst: DIXON
Dilution Factor: 5.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	25	U
78-87-5	1,2-Dichloropropane	5	25	U
142-28-9	1,3-Dichloropropane	5	25	U
594-20-7	2,2-Dichloropropane	5	25	U
563-58-6	1,1-Dichloropropene	5	25	U
10061-01-5	Cis-1,3-Dichloropropene	5	25	U
10061-02-6	Trans-1,3-Dichloropropene	5	25	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	25	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	25	U
100-41-4	Ethylbenzene	5	450	
97-63-2	Ethyl Methacrylate	5	25	U
87-68-3	Hexachlorobutadiene	5	25	U
591-78-6	2-Hexanone	10	50	U
74-88-4	Iodomethane	5	25	U
98-82-8	Isopropylbenzene	5	25	U
99-87-6	P-Isopropyltoluene	5	25	U
126-98-7	Methacrylonitrile	5	25	U
75-09-2	Methylene Chloride	10	50	U
80-62-6	Methyl Methacrylate	5	25	U
108-10-1	4-Methyl-2-Pentanone	10	50	U
1634-04-4	Methyl-tert-Butyl ether	5	25	U
91-20-3	Naphthalene	5	25	U
76-01-7	Pentachloroethane	5	25	U
103-65-1	N-Propylbenzene	5	25	U
100-42-5	Styrene	5	25	U
630-20-6	1,1,1,2-Tetrachloroethane	5	25	U
79-34-5	1,1,2,2-Tetrachloroethane	5	25	U
127-18-4	Tetrachloroethene	5	25	U
108-88-3	Toluene	5	36	
87-61-6	1,2,3-Trichlorobenzene	5	25	U
120-82-1	1,2,4-Trichlorobenzene	5	25	U
71-55-6	1,1,1-Trichloroethane	5	25	U
79-00-5	1,1,2-Trichloroethane	5	25	U
79-01-6	Trichloroethene	5	25	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067008
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-5
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E09.D
Analyst: DIXON
Dilution Factor: 5.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	25	U
96-18-4	1,2,3-Trichloropropane	5	25	U
95-63-6	1,2,4-Trimethylbenzene	5	66	
108-67-8	1,3,5-Trimethylbenzene	5	26	
108-05-4	Vinyl Acetate	10	50	U
75-01-4	Vinyl Chloride	10	50	U
1330-20-7	Xylene (Total)	5	130	

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067009
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-6
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E10.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067009
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-6
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E10.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067009
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-6
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E10.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067010
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-7
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E11.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	50	U
107-13-1	Acrylonitrile	5	5	U
107-05-1	Allyl Chloride	5	5	U
71-43-2	Benzene	5	5	U
108-86-1	Bromobenzene	5	5	U
74-97-5	Bromochloromethane	5	5	U
75-27-4	Bromodichloromethane	5	5	U
75-25-2	Bromoform	5	5	U
74-83-9	Bromomethane	10	10	U
78-93-3	2-Butanone	10	10	U
104-51-8	N-Butylbenzene	5	5	U
135-98-8	Sec-Butylbenzene	5	5	U
98-06-6	Tert-Butylbenzene	5	5	U
75-15-0	Carbon Disulfide	5	5	U
56-23-5	Carbon Tetrachloride	5	5	U
108-90-7	Chlorobenzene	5	5	U
124-48-1	Chlorodibromomethane	5	5	U
75-00-3	Chloroethane	10	10	U
110-75-8	2-Chloroethyl Vinyl Ether	10	10	U
67-66-3	Chloroform	5	5	U
74-87-3	Chloromethane	10	10	U
95-49-8	2-Chlorotoluene	5	5	U
106-43-4	4-Chlorotoluene	5	5	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	5	U
106-93-4	1,2-Dibromoethane	5	5	U
74-95-3	Dibromomethane	5	5	U
95-50-1	1,2-Dichlorobenzene	5	5	U
541-73-1	1,3-Dichlorobenzene	5	5	U
106-46-7	1,4-Dichlorobenzene	5	5	U
75-71-8	Dichlorodifluoromethane	10	10	U
75-34-3	1,1-Dichloroethane	5	5	U
107-06-2	1,2-Dichloroethane	5	5	U
75-35-4	1,1-Dichloroethene	5	5	U
156-59-2	Cis-1,2-Dichloroethene	5	5	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067010
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-7
Matrix: (soil/water) WATER
% Moisture: not.dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E11.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	5	U
78-87-5	1,2-Dichloropropane	5	5	U
142-28-9	1,3-Dichloropropane	5	5	U
594-20-7	2,2-Dichloropropane	5	5	U
563-58-6	1,1-Dichloropropene	5	5	U
10061-01-5	Cis-1,3-Dichloropropene	5	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	5	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	5	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	5	U
100-41-4	Ethylbenzene	5	5	U
97-63-2	Ethyl Methacrylate	5	5	U
87-68-3	Hexachlorobutadiene	5	5	U
591-78-6	2-Hexanone	10	10	U
74-88-4	Iodomethane	5	5	U
98-82-8	Isopropylbenzene	5	5	U
99-87-6	P-Isopropyltoluene	5	5	U
126-98-7	Methacrylonitrile	5	5	U
75-09-2	Methylene Chloride	10	10	U
80-62-6	Methyl Methacrylate	5	5	U
108-10-1	4-Methyl-2-Pentanone	10	10	U
1634-04-4	Methyl-tert-Butyl ether	5	5	U
91-20-3	Naphthalene	5	5	U
76-01-7	Pentachloroethane	5	5	U
103-65-1	N-Propylbenzene	5	5	U
100-42-5	Styrene	5	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	5	U
127-18-4	Tetrachloroethene	5	5	U
108-88-3	Toluene	5	5	U
87-61-6	1,2,3-Trichlorobenzene	5	5	U
120-82-1	1,2,4-Trichlorobenzene	5	5	U
71-55-6	1,1,1-Trichloroethane	5	5	U
79-00-5	1,1,2-Trichloroethane	5	5	U
79-01-6	Trichloroethene	5	5	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067010
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-7
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/08/96
Lab File ID: 1107E11.D
Analyst: DIXON
Dilution Factor: 1.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	5	U
96-18-4	1,2,3-Trichloropropane	5	5	U
95-63-6	1,2,4-Trimethylbenzene	5	5	U
108-67-8	1,3,5-Trimethylbenzene	5	5	U
108-05-4	Vinyl Acetate	10	10	U
75-01-4	Vinyl Chloride	10	10	U
1330-20-7	Xylene (Total)	5	5	U

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METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067011
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-9
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111504.D
Analyst: MOORE
Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
67-64-1	Acetone	50	1000	U
107-13-1	Acrylonitrile	5	100	U
107-05-1	Allyl Chloride	5	100	U
71-43-2	Benzene	5	100	U
108-86-1	Bromobenzene	5	100	U
74-97-5	Bromochloromethane	5	100	U
75-27-4	Bromodichloromethane	5	100	U
75-25-2	Bromoform	5	100	U
74-83-9	Bromomethane	10	200	U
78-93-3	2-Butanone	10	200	U
104-51-8	N-Butylbenzene	5	100	U
135-98-8	Sec-Butylbenzene	5	100	U
98-06-6	Tert-Butylbenzene	5	100	U
75-15-0	Carbon Disulfide	5	100	U
56-23-5	Carbon Tetrachloride	5	100	U
108-90-7	Chlorobenzene	5	100	U
124-48-1	Chlorodibromomethane	5	100	U
75-00-3	Chloroethane	10	200	U
110-75-8	2-Chloroethyl Vinyl Ether	10	200	U
67-66-3	Chloroform	5	100	U
74-87-3	Chloromethane	10	200	U
95-49-8	2-Chlorotoluene	5	100	U
106-43-4	4-Chlorotoluene	5	100	U
96-12-8	1,2-Dibromo-3-Chloropropane	5	100	U
106-93-4	1,2-Dibromoethane	5	100	U
74-95-3	Dibromomethane	5	100	U
95-50-1	1,2-Dichlorobenzene	5	100	U
541-73-1	1,3-Dichlorobenzene	5	100	U
106-46-7	1,4-Dichlorobenzene	5	100	U
75-71-8	Dichlorodifluoromethane	10	200	U
75-34-3	1,1-Dichloroethane	5	100	U
107-06-2	1,2-Dichloroethane	5	100	U
75-35-4	1,1-Dichloroethene	5	100	U
156-59-2	Cis-1,2-Dichloroethene	5	100	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067011
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-9
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111504.D
Analyst: MOORE
Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
156-60-5	Trans-1,2-Dichloroethene	5	100	U
78-87-5	1,2-Dichloropropane	5	100	U
142-28-9	1,3-Dichloropropane	5	100	U
594-20-7	2,2-Dichloropropane	5	100	U
563-58-6	1,1-Dichloropropene	5	100	U
10061-01-5	Cis-1,3-Dichloropropene	5	100	U
10061-02-6	Trans-1,3-Dichloropropene	5	100	U
110-57-6	Cis-1,4-Dichloro-2-Butene	5	100	U
110-57-6	Trans-1,4-Dichloro-2-Butene	5	100	U
100-41-4	Ethylbenzene	5	2800	
97-63-2	Ethyl Methacrylate	5	100	U
87-68-3	Hexachlorobutadiene	5	100	U
591-78-6	2-Hexanone	10	200	U
74-88-4	Iodomethane	5	100	U
98-82-8	Isopropylbenzene	5	100	U
99-87-6	P-Isopropyltoluene	5	100	U
126-98-7	Methacrylonitrile	5	100	U
75-09-2	Methylene Chloride	10	200	U
80-62-6	Methyl Methacrylate	5	100	U
108-10-1	4-Methyl-2-Pentanone	10	200	U
1634-04-4	Methyl-tert-Butyl ether	5	100	U
91-20-3	Naphthalene	5	100	U
76-01-7	Pentachloroethane	5	100	U
103-65-1	N-Propylbenzene	5	100	U
100-42-5	Styrene	5	100	U
630-20-6	1,1,1,2-Tetrachloroethane	5	100	U
79-34-5	1,1,2,2-Tetrachloroethane	5	100	U
127-18-4	Tetrachloroethene	5	100	U
108-88-3	Toluene	5	100	U
87-61-6	1,2,3-Trichlorobenzene	5	100	U
120-82-1	1,2,4-Trichlorobenzene	5	100	U
71-55-6	1,1,1-Trichloroethane	5	100	U
79-00-5	1,1,2-Trichloroethane	5	100	U
79-01-6	Trichloroethene	5	100	U

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.
SW-846 VOLATILE ORGANICS ANALYSIS DATA SHEET
METHOD 8260

IEA Project Number: 1307-214
IEA Sample Number: 961067011
Client Name: TRIANGLE ENVIRONMENTAL INC.
Client Project: 676-0109
Sample Identification: GP-9
Matrix: (soil/water) WATER
% Moisture: not dec.

Date Received: 10/30/96
Date Sampled: 10/28/96
Date Analyzed: 11/11/96
Lab File ID: 1111504.D
Analyst: MOORE
Dilution Factor: 20.0

CAS NO.	COMPOUND	QUANT LIMIT: ug/l	RESULT: ug/l	Q
75-69-4	Trichlorofluoromethane	5	120	
96-18-4	1,2,3-Trichloropropane	5	100	U
95-63-6	1,2,4-Trimethylbenzene	5	180	
108-67-8	1,3,5-Trimethylbenzene	5	100	U
108-05-4	Vinyl Acetate	10	200	U
75-01-4	Vinyl Chloride	10	200	U
1330-20-7	Xylene (Total)	5	550	

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK56

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1111503.D Lab Sample ID: VBLK56

Date Analyzed: 11/11/96 Time Analyzed: 09:58

GC Column: DB-624 ID: .53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD5

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-9	961067011	1111504.D	10:34
02				
03				
04				
05				
06				
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COMMENTS:

FORM IV VOA

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK5X

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1107E04.D Lab Sample ID: VBLK5X

Date Analyzed: 11/07/96 Time Analyzed: 23:18

GC Column: DB-624 ID: .53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD5

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-5	961067008	1107E09.D	02:34
02	GP-6	961067009	1107E10.D	03:11
03	GP-7	961067010	1107E11.D	03:49
04				
05				
06				
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COMMENTS: _____

FORM IV VOA

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLKER

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1105E02.D Lab Sample ID: VBLKER

Date Analyzed: 11/05/96 Time Analyzed: 20:58

GC Column: DB-624 ID: .53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD5

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-2	961067005	1105E14.D	04:37
02	GP-3	961067006	1105E15.D	05:14
03				
04				
05				
06				
07				
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COMMENTS: _____

FORM IV VOA

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLKET

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1106E02.D Lab Sample ID: VBLKET

Date Analyzed: 11/06/96 Time Analyzed: 21:41

GC Column: DB-624 ID: .53(mm) Heated Purge: (Y/N) N

Instrument ID: MSD5

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-4	961067007	1106E10.D	03:13
02				
03				
04				
05				
06				
07				
08				
09				
10				
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COMMENTS: _____

FORM IV VOA

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK79

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1110704.D Lab Sample ID: VBLK79

Date Analyzed: 11/10/96 Time Analyzed: 12:55

GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD7

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-2	961067001	1110708.D	15:42
02	GP-4-1	961067002	1110709.D	16:21
03				
04				
05				
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COMMENTS:

FORM IV VOA

4A

SW-846 VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBLK7A

Lab Name: IEA-NC Method: 8260

Lab Code: IEA Case No.: 1307-214 SDG No.: 10670

Lab File ID: 1111703.D Lab Sample ID: VBLK7A

Date Analyzed: 11/11/96 Time Analyzed: 09:55

GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) Y

Instrument ID: MSD7

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GP-4-2-4	961067003	1111704.D	11:01
02	GP-6	961067004	1111706.D	12:44
03				
04				
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COMMENTS:

FORM IV VOA

IEA
An Aquarion Company
3000 WESTON PKWY.
CARY, N.C. 27513
PH # 919-677-0090
FAX # 919-677-0427

CHAIN OF CUSTODY RECORD

NO. 73408

REGULATORY CLASSIFICATION - PLEASE SPECIFY

☐ NPDES ☐ DRINKING WATER ☒ RCRA ☒ OTHER NC Haz Waste

COMPANY: Triangle Env. Inc

Page 1 of 2

PROJECT #: 676-0109
PROJECT NAME: Radcliffe Marine
SAMPLERS: (SIGNATURE) John A. Hall

SAMPLE ID	DATE	TIME	COMP	GRAB	STATION LOCATION	# OF CONTAINERS	MATRIX SOIL	MATRIX WATER	8260A											
GP-2	10-28	945		✓	Sample @ 1'	1	✓		✓											
GP-4-1	"	1050		✓	" @ 1'	1	✓		✓											
GP4-2-4	"	1050		✓	" @ 2-4'	1	✓		✓											
GP6	"	1230		✓	" @ 1.5'	1	✓		✓											
					continued															

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME
John A. Hall	10-30				
RELINQUISHED BY (SIGNATURE)	**DATE**	**TIME**	**RECEIVED FOR LAB BY**	**DATE**	**TIME**
John A. Hall	10-30	1500	Tim Beaver	10/30/96	300 pm

IEA QUOTE NO.	IEA RUSH NO.
PROJECT MANAGER (PLEASE PRINT)	**P.O. NO.**

REMARKS ON SAMPLE RECEIPT

☒ BOTTLE INTACT ☐ CUSTODY SEALS
☐ PRESERVED ☐ SEALS INTACT
☒ CHILLED ☐ SEE REMARKS

IEA REMARKS

YC 1307-214

FIELD REMARKS

IEA
An Aquarion Company

3000 WESTON PKWY.
CARY, N.C. 27513
PH # 919-677-0090
FAX # 919-677-0427

CHAIN OF CUSTODY RECORD

NO. 73409

REGULATORY CLASSIFICATION - PLEASE SPECIFY

☐ NPDES ☐ DRINKING WATER ☐ RCRA ☑ OTHER [illegible]

COMPANY: Triangle Environmental, Inc.

Page [illegible] of [illegible]

PROJECT #: [illegible]

PROJECT NAME: Radcliffe [illegible]

SAMPLERS: (SIGNATURE) [illegible]

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	# OF CONTAINERS	MATRIX SOIL	MATRIX WATER	[illegible]	8260A											
GP2	10-28	1040		✓	[illegible]	2		✓		✓											
GP3	"	1530		✓	" "	2		✓		✓											
GP4	"	1545		✓	" "	2		✓		✓											
GP5	"	1140		✓	[illegible]	2		✓		✓											
GP6	"	1245		✓	[illegible]	2		✓		✓											
GP7	"	[illegible]		✓	[illegible]	2		✓		✓											
GP8	"	[illegible]		✓	[illegible]	2		✓		✓											

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME
[illegible]	10/30/96				
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY	DATE	TIME
[illegible]	10/30/96	1500	Tim Beaver	10/30/96	300pm

IEA QUOTE NO.	IEA RUSH NO.
WS610448	
PROJECT MANAGER (PLEASE PRINT)	**P.O. NO.**

REMARKS ON SAMPLE RECEIPT

☑ BOTTLE INTACT ☐ CUSTODY SEALS
☐ PRESERVED ☐ SEALS INTACT
☑ CHILLED ☐ SEE REMARKS

IEA REMARKS

YC 1807-214

FIELD REMARKS