

APPENDIX D
LABORATORY ANALYTICAL REPORTS



07 January 2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Re: Laboratory Receipt of Samples and Test Assignment Review Sheets

Date Samples Received: 01/07/2003
Continental Order No.: 83935
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

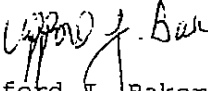
Continental Analytical Services, Inc. received your shipment of sample(s) on the date referenced above. All samples on this order have been scheduled for Standard turnaround.

Continental has entered the sampling information and requested analyses, as detailed on the attached sheets, into our computer system. Please compare your chain-of-custody form or analysis request form to the enclosed Test Assignment Review Sheets. Also enclosed is an itemization of the anticipated charges for the samples under this order. Please contact Continental if additions or corrections are necessary.

Our Terms and Conditions of Sale are located on the reverse side of this letter. These Terms and Conditions will be in effect unless a separate contractual agreement has been made. Samples will be retained by the laboratory for 30 days following issuance of the final report unless an alternate arrangement is agreed to in writing. All samples determined by the laboratory to be hazardous will be returned to you for proper disposal.

Thank you for utilizing Continental Analytical Services, Inc. If you have any questions or require assistance, please contact me at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.


Clifford J. Baker
Project Manager



01/07/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Received: 01/07/2003
CAS File No.: 7450
CAS Order No.: 83935
Your P.O./Project No.: 41027052

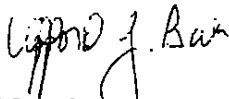
Dear Mr. Schulz:

The attached Test Assignment Sheets detail the tests that have been assigned to each of the samples listed below. Please contact me at (800)535-3076 if additions or corrections are necessary.

<u>CAS LAB ID #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE SAMPLED</u>	<u>TIME SAMPLED</u>
03010371	NATP-2 (0-1')	12/30/2002	1300
03010372	WWTP-TP-7-8'	01/02/2003	0830
03010373	BG-TP-15 (0-1')	12/31/2002	1125
03010374	BG-TP-18 (0-1')	12/31/2002	1220
03010375	BG-TP-10 (0-1')	12/31/2002	1010
03010376	NA-TP-1 Pipe 4'	12/30/2002	1250
03010377	BG-TP-12 Below Culvert	12/31/2002	1030
03010378	OP-TP-2 4'	12/30/2002	1005
03010379	BG-TP-12 Inside Culvert	12/31/2002	1030
03010380	WWTP-TP-17 + 18 2'	01/02/2003	1300
03010381	WWTP-TP-13 (0-1')	01/02/2003	1100
03010382	WWTP-TP-20 2'	01/02/2003	1330

Thank you for choosing CAS for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker
Project Manager

Test Assignment Review Sheet

Client Information:
 Terracon Inc.
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110
 Client Contact: Jade Schulz
 Your P.O./Project No: 41027052

Continental Information:
 File No: 7450
 Order No: 83935
 Date Received: 01/07/2003
 Scheduled Due: 01/28/2003
 Project Manager: CJB

Lab ID Number	Sample Description	Date Sampled	Time	Mx	Containers	Gas Testcode: Analysis	CL193: Explosives Method 8330 Solid	GL244: Solids, Total	MS204: Amiline
03010371	NATP-2 (0-1')	12/30/2002	1300	S	8 OZ JAR	•	•	•	•
03010372	WWTP-TP-7-8'	01/02/2003	0830	S	R 4 OZ PL CUP	•	•	•	•
03010373	BG-TP-15 (0-1')	12/31/2002	1125	S	R 4 OZ PL CUP	•	•	•	•
03010374	BG-TP-18 (0-1')	12/31/2002	1220	S	R 4 OZ PL CUP	•	•	•	•
03010375	BG-TP-10 (0-1')	12/31/2002	1010	S	R 4 OZ PL CUP	•	•	•	•
03010376	NA-TP-1 Pipe 4'	12/30/2002	1250	S	R 4 OZ PL CUP	•	•	•	•
03010377	BG-TP-12 Below Culvert	12/31/2002	1030	S	R 4 OZ PL CUP	•	•	•	•
03010378	OP-TP-2 4'	12/30/2002	1005	S	R 4 OZ PL CUP	•	•	•	•
03010379	BG-TP-12 Inside Culvert	12/31/2002	1030	S	R 4 OZ PL CUP	•	•	•	•
03010380	WWTP-TP-17 + 18 2'	01/02/2003	1300	S	R 4 OZ PL CUP	•	•	•	•
03010381	WWTP-TP-13 (0-1')	01/02/2003	1100	S	R 4 OZ PL CUP	•	•	•	•
03010382	WWTP-TP-20 2'	01/02/2003	1330	S	R 4 OZ PL CUP	•	•	•	•

COOLER / SAMPLE RECEIPT FORM

File No.: 7450
Order No.: 83935

Client Name: TERRACON
Sample ID: 50202

Date/Time cooler received: 1/7/03 10:00 By: CEL
Unpacked By: CEL Date entered into LIMS: 1/7/03
Red Warning Sticker Applied: Yes / No By: _____ Date: ____/____/____
Samples Screened with Geiger Counter: Yes / No By: CEL Date: 1/7/03

Cooler Identification: CAS Cooler #: 1165 / Client's Cooler/Box/Letter/Hand Delivered
Other _____

Cooler Size: Small / Medium / Large / NA

Delivered By: UPS/FedEx / AirBrn/Pny Exp/Field S/Mail/Walk-In/Other _____
Air Bill Number: 7906 7032 3157

Custody Seal: Present (Intact or Broken) Absent Seal No: _____
Seal Name: MJB Seal Date: 1-6-03
Seal matches Chain of Custody: Yes / No / NA

Type of Packing Material: Blue Ice / Ice/Bubble / Foam/Paper/Peanuts/Vermiculite/ NA _____

Cooler Temperature (°C): Original Reading 2.1 °C Corrected Reading 2.0 °C
Temp. By: Temp. Blank X Poured _____ Surface G P M
Thermo. ID No.: 402 Thermo. Correction Factor (°C): -0.1

Sample Receipt Discrepancies: No Yes (See detail below)

- Chain of Custody not present
 - Information obtained from:
 - Purchase Order/Letter received with samples
- Container label absent
- Chain of Custody incomplete
 - Chain of Custody missing time sampled
 - Time sampled obtained from container label
 - Chain of Custody missing date sampled
 - Date sampled obtained from container label
- Sample excluded from Chain of Custody:
 - Broken or Leaking Containers:
 - Sample listed on Chain of Custody, not received:
 - Sample description on container label different from Chain of Custody:
 - Air bubbles in VOA vials: _____

Detailed Description/Comments: _____

Did Project Manager contact client regarding cooler/sample receipt conditions: Yes / No
Who was contacted: _____ Remarks: _____

Reviewed by Project Manager: JMC Date: 1/7/03

Continental
Analytical Services, Inc.

Chain-of-Custody Record



1804 Glendale Rd. • Salina, KS 67401
 (785) 827-1273 • (800) 535-3076 • FAX (785) 823-7830

PROJECT #		PROJECT NAME		SAMPLED BY (PRINTED)		PARAMETERS		REMARKS	
41027052		COW		Matt Baumgartner		Analytical/In-house		(REQUESTED TURNAROUND, PRESERVATIVE, ETC.)	
SAMPLED BY (SIGNATURE)		SAMPLE INFORMATION		FIELD IDENTIFICATION		# OF CONTAINERS			
<i>[Signature]</i>									
DATE	TIME	C-COMP G-GRAB	FIELD FILTERED Y/N	SAMPLE IDENTIFICATION	RECEIVED BY (SIGNATURE)	RECEIVED BY (PRINTED)	DATE	TIME	
12/20/05	13:00	6	N	NA-TP-2 (0-1')	<i>[Signature]</i>				Shipped on ice in sealed cooler.
12/20/05	10:05	6	N	OP-TP-2 9'	<i>[Signature]</i>				
12/20/05	12:50	6	N	NA-TP-1 pipe 4'	<i>[Signature]</i>				
12/20/05	8:30	6	N	WA-TP-TP-7-8'	<i>[Signature]</i>				
12/20/05	11:25	6	N	BG-TP-15 (0-1')	<i>[Signature]</i>				
12/20/05	12:30	6	N	BG-TP-18 (0-1')	<i>[Signature]</i>				
12/20/05	10:10	6	N	BG-TP-10 (0-1')	<i>[Signature]</i>				
12/20/05	13:00	6	N	NA-TP-2 (0-1')	<i>[Signature]</i>				
12/20/05	12:50	6	N	NA-TP-1 pipe 4'	<i>[Signature]</i>				
12/31/02	10:30	6	N	BG-TP-12 Below Culvert	<i>[Signature]</i>				
RELINQUISHED BY (SIGNATURE)		RELINQUISHED BY (PRINTED)		DATE		TIME			
<i>[Signature]</i>		Matt Baumgartner		12/16/05		13:59			
RECEIVED AT LABORATORY BY (SIGNATURE/PRINTED)		RECEIVED BY (SIGNATURE)		RECEIVED BY (PRINTED)		DATE		TIME	
<i>[Signature]</i>		<i>[Signature]</i>				1-7-05			
REPORT TO:		ATTENTION:		ADDRESS:		PHONE #:		FAX #:	
Jude Schultz		3535 Hoffman Rd E		White Bear Lake, Mn 55110		651-770-1500		651-770-1657	
INVOICE TO:		ATTENTION:		ADDRESS:		PHONE #:		FAX #:	
Same									

Chain-of-Custody Record

PROJECT #	PROJECT NAME	PARAMETERS					
41027052	60W						
SAMPLED BY (SIGNATURE): <i>[Signature]</i>	SAMPLED BY (PRINTED): Matt Baumgardner						
SAMPLE INFORMATION -							
DATE	TIME	C-COMP G-GRAB	FIELD FILTERED Y/N	SAMPLE IDENTIFICATION	# OF CONTAINERS	REMARKS (REQUESTED TURNAROUND, PRESERVATIVE, ETC.)	
1/13/03	11:05	G	N	OP-TP-241	2		
1/13/03	10:30	G	N	BG-TP-62 inside culvert	2		
1/13/03	1:30	G	N	WTP-TP-17+18 2'	2		
1/13/03	11:20	G	N	WTP-TP-13(0-1)	2		
1/13/03	13:30	G	N	WTP-TP-20 2'	2		
					2	Shipped on ice in sealed cooler.	
RELINQUISHED BY (SIGNATURE): <i>[Signature]</i>		RELINQUISHED BY (PRINTED): Matt Baumgardner		DATE: 1/16/03 TIME: 13:00	RECEIVED BY (SIGNATURE):	RECEIVED BY (PRINTED):	DATE: TIME:
RELINQUISHED BY (SIGNATURE): <i>[Signature]</i>		RELINQUISHED BY (PRINTED):		DATE: TIME:	RECEIVED BY (SIGNATURE):	RECEIVED BY (PRINTED):	DATE: TIME:
RECEIVED AT LABORATORY BY (SIGNATURE/PRINTED): <i>[Signature]</i>				DATE: 1/20/03 TIME: 1:30	SHIPPED VIA: Airbill #:	Seal #: Seal Date:	
REPORT TO:				INVOICE TO:			
Attention: Jade Schulz				Attention: <i>[Signature]</i>			
Address: 3535 Hoffman Rd E.				Address:			
White Bear Lake, MN 55110				Phone #:			
Phone #: 651 770 1500				Purchase Order No.:			
FAX #: 651 770 1657				CAS Price Quote No.:			
				FAX #:			

CONTINENTAL ANALYTICAL SERVICES, INC.
1804 GLENDALE - SALINA, KANSAS 67401
(800)535-3076 - (785)827-1273
FED ID #48-1062249

*This page
not sent*

BILLING REVIEW SHEET

This is not an invoice.
The invoice will be issued following final laboratory report.

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date: 01/07/2003
Date Sample(s) Received: 01/07/2003
CAS File No: 7450
CAS Order No: 83935
Client P.O.: 41027052

Analyses and Preparation Performed	No. of Samples	Cost Per Sample		Total
Explosives Method 8330 Solid	12	190.00	171.00	2052.00
Solids, Total	12	11.00	9.90	118.80
Aniline	12	50.00	45.00	540.00
Preparation Charges:				
Base Neutral/Acid	12	100.00	90.00	1080.00
Total Analytical Price:		4212.00	3790.80	3790.80
Amount Due:				3790.80

**THIS IS NOT AN INVOICE
ESTIMATED CHARGES ONLY
DO NOT PAY**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



14 January 2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Re: Laboratory Receipt of Samples and Test Assignment Review Sheets

Date Samples Received: 01/14/2003
Continental Order No.: 84114
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

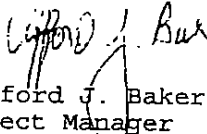
Continental Analytical Services, Inc. received your shipment of sample(s) on the date referenced above. All samples on the order have been scheduled for Standard turnaround.

Continental has entered the sampling information and requested analyses, as detailed on the attached sheets, into our computer system. Please compare your chain-of-custody form or analysis request form to the enclosed Test Assignment Review Sheets. Also enclosed is an itemization of the anticipated charges for the samples under this order. Please contact Continental if additions or corrections are necessary.

Our Terms and Conditions of Sale are located on the reverse side of this letter. These Terms and Conditions will be in effect unless a separate contractual agreement has been made. Samples will be retained by the laboratory for 30 days following issuance of the final report unless an alternate arrangement is agreed to in writing. All samples determined by the laboratory to be hazardous will be returned to you for proper disposal.

Thank you for utilizing Continental Analytical Services, Inc. If you have any questions or require assistance, please contact me at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.


Clifford J. Baker
Project Manager



01/14/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Received: 01/14/2003
CAS File No.: 7450
CAS Order No.: 84114
Your P.O./Project No.: 41027052

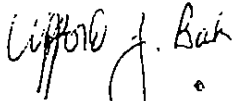
Dear Mr. Schulz:

The attached Test Assignment Sheets detail the tests that have been assigned to each of the samples listed below. Please contact me at (800)535-3076 if additions or corrections are necessary.

<u>CAS LAB</u> <u>ID #</u>	<u>SAMPLE DESCRIPTION</u>	<u>DATE</u> <u>SAMPLED</u>	<u>TIME</u> <u>SAMPLED</u>
03010908	GOW:PSB-TP-1 (3-4')	01/13/2003	1000
03010909	GOW:PSB-TP-2 (6')	01/13/2003	1030

Thank you for choosing CAS for this project.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker
Project Manager

CONTINENTAL ANALYTICAL SERVICES, INC.
 1804 GLENDALE ROAD, SALINA KS 67401
 785-827-1273 • FAX 785-823-7830

Test Assignment Review Sheet

Client Information:
 Terracon Inc.
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110
 Client Contact: Jade Schulz
 Your P.O./Project No: 41027052

Continental Information:
 File No: 7450
 Order No: 84114
 Date Received: 01/14/2003
 Scheduled Due: 02/04/2003
 Project Manager: CJB

Lab ID	Sample	Date	Time	Mx	Containers
03010908	GOW:PSB-TP-1 (3-4')	01/13/2003	1000	S	4 OZ PLASTIC
03010909	GOW:PSB-TP-2 (6')	01/13/2003	1030	S	4 OZ PLASTIC

CAS Testcode: Analysis
 CL193: Explosives Method 8330 Solid
 GL244: Solids, Total
 MS204: Amiline

COOLER / SAMPLE RECEIPT FORM

File No.: 7450
Order No.: 84114

Client Name: Terracon
Sample ID: 50000

Date/Time cooler received: 1/14/03 10:27 By: CEL
Unpacked By: CEL Date entered into LIMS: 1/14/03
Red Warning Sticker Applied: Yes No By: _____ Date: ____/____/____
Samples Screened with Geiger Counter: Yes No By: CEL Date: 1/14/03

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand Delivered
Other _____

Cooler Size: Small / Medium / Large / NA
Delivered By: UPS / FedEx / AirBrn / Pny Exp / Field S / Mail / Walk-In / Other _____
Air Bill Number: 791510317252

Custody Seal: Present (Intact or Broken) / Absent Seal No: _____
Seal Name: illegible Seal Date: 1-13-03
Seal matches Chain of Custody: Yes / No NA

Type of Packing Material: Blue Ice / Ice / Bubble / Foam / Paper / Peanuts / Vermiculite / NA _____
Cooler Temperature (°C): Original Reading 10.0 °C Corrected Reading +2 °C
Temp. By: Temp. Blank _____ Poured _____ Surface P M
Thermo. ID No.: 154 Thermo. Correction Factor (°C): +2

Sample Receipt Discrepancies: No Yes (See detail below)

- | | |
|--|--|
| <input type="checkbox"/> Chain of Custody not present | <input type="checkbox"/> Sample excluded from Chain of Custody: |
| <input type="checkbox"/> Information obtained from:
Purchase Order/Letter received with samples | <input type="checkbox"/> Broken or Leaking Containers: |
| <input type="checkbox"/> Container label absent | <input type="checkbox"/> Sample listed on Chain of Custody, not received: |
| <input type="checkbox"/> Chain of Custody incomplete | <input type="checkbox"/> Sample description on container label different from
Chain of Custody: |
| <input type="checkbox"/> Chain of Custody missing time sampled | <input type="checkbox"/> Air hubbles in VOA vials: _____ |
| <input type="checkbox"/> Time sampled obtained from container label | _____ |
| <input type="checkbox"/> Chain of Custody missing date sampled | _____ |
| <input type="checkbox"/> Date sampled obtained from container label | _____ |

Detailed Description/Comments: _____

Did Project Manager contact client regarding cooler/sample receipt conditions: Yes No
Who was contacted: _____ Remarks: _____

Reviewed by Project Manager: JMC Date: 1/14/03

Continental
Analytical Services, Inc.

Chain-of-Custody Record

Continental
Analytical Services, Inc.
1804 Glendale Rd. • Salina, KS 67401
(785) 827-1273 • (800) 595-3076 • FAX (785) 823-7830

PROJECT NAME: **60W**
 ANALYST: **Matt Bunge**
 SAMPLED BY (PRINTED): **Matt Bunge**

PARAMETERS: **ANALYST - M. Bunge**

SAMPLE INFORMATION:

NO.	TIME	U. GRAD	FIELD	FIELD IDENTIFIED	Y/N	SAMPLE IDENTIFICATION	# OF CONTAINERS
63	10:00	6	N	60W: RSB - TP-1	(3-4)		2
63	10:30	6	N	60W: RSB - TP-2	(6)		2

RECEIVED BY (SIGNATURE):	RECEIVED BY (PRINTED):	DATE:	TIME:
<i>[Signature]</i>	Matt Bunge	11/3/03	14:00

RECEIVED BY (SIGNATURE):	RECEIVED BY (PRINTED):	DATE:	TIME:
<i>[Signature]</i>	Wesley D. Wiebicki	11-11-03	12:27

INVOICE TO: **Jade schulz (Teracon)**
 3535 Hoffman Rd E.
 White Bear Lake, MN 55110
 Phone #: **651 770 1500** FAX #: **651 770 1657**

Attention: **Same**
 Address:
 Phone #:

REMARKS
(REQUESTED TUMORS/INHIBITORS/PRESERVATIVE, ETC.)
Shipped on ice in sealed cooler.

CONTINENTAL ANALYTICAL SERVICES, INC.

1804 GLENDALE - SALINA, KANSAS 67401
(800)535-3076 - (785)827-1273
FED ID #48-1062249

*This page
not sent*

BILLING REVIEW SHEET

This is not an invoice
The invoice will be issued following the final laboratory report.

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date: 01/14/2003
Date Sample(s) Received: 01/14/2003
CAS File No: 7450
CAS Order No: 84114
P.O./Proj. No.: 41027052

Analyses and Preparation Performed	No. of Samples	Cost Per Sample	Discounted Price Per Sample	Total
Explosives Method 8330 Solid	2	190.00		380.00
Solids, Total	2	11.00		22.00
Aniline	2	50.00		100.00
Preparation Charges:				
Base Neutral/Acid	2	100.00		200.00
Total Analytical Price:		702.00		702.00
Amount Due:				702.00

**THIS IS NOT AN INVOICE
ESTIMATED CHARGES ONLY
DO NOT PAY**



Continental

Analytical Services, Inc.

01/27/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Received: 01/07/2003
Continental File No.: 7450
Continental Order No.: 83935
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

This laboratory report consisting of 14 pages contains the analytical results for the following samples:

<u>CAS LAB ID #</u>	<u>SAMPLE DESCRIPTION</u>	<u>SAMPLE TYPE</u>	<u>DATE SAMPLED</u>
03010371	NATP-2 (0-1')	Solid	12/30/2002
03010372	WWTP-TP-7-8'	Solid	01/02/2003
03010373	BG-TP-15 (0-1')	Solid	12/31/2002
03010374	BG-TP-18 (0-1')	Solid	12/31/2002
03010375	BG-TP-10 (0-1')	Solid	12/31/2002
03010376	NA-TP-1 Pipe 4'	Solid	12/30/2002
03010377	BG-TP-12 Below Culvert	Solid	12/31/2002
03010378	OP-TP-2 4'	Solid	12/30/2002
03010379	BG-TP-12 Inside Culvert	Solid	12/31/2002
03010380	WWTP-TP-17 + 18 2'	Solid	01/02/2003
03010381	WWTP-TP-13 (0-1')	Solid	01/02/2003
03010382	WWTP-TP-20 2'	Solid	01/02/2003

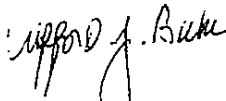
Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the guidelines published by NELAP unless otherwise noted in the appendix to this report. The appendix is an integral part of this report.

All results are reported on a wet weight basis unless otherwise noted.

Samples will be retained for thirty days unless Continental is otherwise notified.

Thank you for choosing Continental for this project. If you have any questions, please contact your project manager at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.



Clifford J. Baker
Technical Manager



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010371
 Sample Description: NATP-2 (0-1')

Date Sampled: 12/30/2002
 Time Sampled: 1300

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/09/2003	5438/42
Solids, Total	85.7	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010371

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010372
 Sample Description: WWTP-TP-7-8'

Date Sampled: 01/02/2003
 Time Sampled: 0830

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	90.1	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010372

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010373
 Sample Description: BG-TP-15 (0-1')

Date Sampled: 12/31/2002
 Time Sampled: 1125

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/09/2003	5438/42
Solids, Total	80.3	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010373

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010374
 Sample Description: BG-TP-18 (0-1')

Date Sampled: 12/31/2002
 Time Sampled: 1220

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	82.1	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010374

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010375
 Sample Description: BG-TP-10 (0-1')

Date Sampled: 12/31/2002
 Time Sampled: 1010

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/09/2003	5438/42
Solids, Total	75.6	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010375

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010376
 Sample Description: NA-TP-1 Pipe 4'

Date Sampled: 12/30/2002
 Time Sampled: 1250

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	95.2	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010376

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010377
 Sample Description: BG-TP-12 Below Culvert

Date Sampled: 12/31/2002
 Time Sampled: 1030

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/09/2003	5438/42
Solids, Total	83.7	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010377

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010378
 Sample Description: OP-TP-2 4'

Date Sampled: 12/30/2002
 Time Sampled: 1005

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(5)	mg/kg	01/10/2003	5438/53
Solids, Total	83.0	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010378

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010379
 Sample Description: BG-TP-12 Inside Culvert

Date Sampled: 12/31/2002
 Time Sampled: 1030

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	90.0	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010379

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010380
 Sample Description: WWTP-TP-17 + 18 2'

Date Sampled: 01/02/2003
 Time Sampled: 1300

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	86.3	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010380

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010381
 Sample Description: WWTP-TP-13 (0-1')

Date Sampled: 01/02/2003
 Time Sampled: 1100

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/10/2003	
1,3,5-Trinitrobenzene	ND (0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND (0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND (0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND (0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND (0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND (0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND (0.25)	mg/kg air dry		5450/1
HMX	ND (2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND (0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND (0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND (0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND (0.25)	mg/kg air dry		5450/1
RDX	ND (1.0)	mg/kg air dry		5450/1
Tetryl	ND (0.65)	mg/kg air dry		5450/1
Aniline	ND (0.5)	mg/kg	01/10/2003	5438/53
Solids, Total	90.3	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010381

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
 Date Sample Recd: 01/07/2003
 Continental File No: 7450
 Continental Order No: 83935
 Client P.O.: 41027052

Lab Number: 03010382
 Sample Description: WWTP-TP-20 2'

Date Sampled: 01/02/2003
 Time Sampled: 1330

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/11/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/1
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry		5450/1
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/1
HMX	ND(2.2)	mg/kg air dry		5450/1
m-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/1
o-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/1
RDX	ND(1.0)	mg/kg air dry		5450/1
Tetryl	ND(0.65)	mg/kg air dry		5450/1
Aniline	ND(0.5)	mg/kg	01/09/2003	5438/42
Solids, Total	63.0	% by weight	01/08/2003	5060/458

<u>Analysis</u>	<u>Date</u>			
	<u>Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/08/2003	030108-5	SPA	8330
Aniline	01/08/2003	030108-3	SH	8270C
Solids, Total	N/A	030108-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			JRT	3540C

Conclusion of Lab Number: 03010382

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Rptd: 01/27/2003
Date Sample Recd: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

Data Qualifiers:

<u>CAS LAB ID #</u>	<u>TEST NAME</u>	<u>QC BATCH</u>	<u>QUALIFIER</u>
03010376	Aniline	030108-3	SH
03010378	Aniline	030108-3	M

M - Reporting limit higher than normal due to matrix interferences.

SH - One or more surrogate recoveries for this analysis was above the method or laboratory control limit. If the sample contains no detectable analytes the results are considered acceptable. If analytes were detected they may be biased high.

Analysis Time Summary:

No analysis with a holding time less than seventy-two hours was performed in this Continental order.

COOLER / SAMPLE RECEIPT FORM

File No.: 7450
Order No.: 93935

Client Name: TERRACON

Sample ID: SOECC

Date/Time cooler received: 1/7/03 10:00 By: CEL

Unpacked By: CEL Date entered into LIMS: 1/7/03

Red Warning Sticker Applied: Yes / No By: _____ Date: ____/____/____

Samples Screened with Geiger Counter: Yes / No By: CEL Date: 1/7/03

Cooler Identification: CAS Cooler #: 1165 / Client's Cooler/Box/Letter/Hand Delivered
Other _____

Cooler Size: Small / Medium / Large / NA

Delivered By: UPS/FedEx / AirBrn/Pny Exp/Field S/Mail/Walk-In/Other _____
Air Bill Number: 7906 7032 3157

Custody Seal: Present (Intact or Broken) Absent Seal No: _____
Seal Name: MJB Seal Date: 1-6-03
Seal matches Chain of Custody: Yes / No / NA

Type of Packing Material: Blue Ice/Ice/Bubble/Foam/Paper/Peanuts/Vermiculite/ NA _____

Cooler Temperature (°C): Original Reading 2.1 °C Corrected Reading 2.0 °C
Temp. By: Temp. Blank X Poured _____ Surface G P M
Thermo. ID No.: 402 Thermo. Correction Factor (°C): -0.1

Sample Receipt Discrepancies: No Yes (See detail below)

- Chain of Custody not present
 - Information obtained from:
 - Purchase Order/Letter received with samples
- Container label absent
- Chain of Custody incomplete
 - Chain of Custody missing time sampled
 - Time sampled obtained from container label
 - Chain of Custody missing date sampled
 - Date sampled obtained from container label
- Sample excluded from Chain of Custody:
- Broken or Leaking Containers:
- Sample listed on Chain of Custody, not received:
- Sample description on container label different from Chain of Custody:
- Air bubbles in VOA vials: _____

Detailed Description/Comments: _____

Did Project Manager contact client regarding cooler/sample receipt conditions: Yes / No
Who was contacted: _____ Remarks: _____

Reviewed by Project Manager: JMC Date: 1/7/03

Continental
Analytical Services, Inc.

Chain-of-Custody Record



PROJECT # 41027052 PROJECT NAME COG

SAMPLED BY (SIGNATURE) [Signature] SAMPLED BY (PRINTED) Matt Baumgartner

PARAMETERS

--SAMPLE INFORMATION--		FIELD IDENTIFICATION		# OF CONTAINERS	REMARKS (REQUESTED TURNAROUND, PRESERVATIVE, ETC.)
DATE	TIME	C-COMP G-GRAD	FIELD FILTERED Y/N		
12/20/02	13:00	6	N	2	Shipped on ice in sealed cooler
12/20/02	10:05	6	N	2	
12/20/02	12:50	6	N	2	
12/20/02	8:30	6	N	2	
12/20/02	11:35	6	N	2	
12/20/02	12:30	6	N	2	
12/20/02	10:10	6	N	2	
12/20/02	13:00	6	N	2	
12/20/02	12:50	6	N	2	
12/31/02	10:30	6	N	2	

RELINQUISHED BY (SIGNATURE) [Signature] RELINQUISHED BY (PRINTED) Matt Baumgartner

RECEIVED BY (SIGNATURE) [Signature] RECEIVED BY (PRINTED) _____

DATE: 1/6/03 TIME: 13:59

DATE: _____ TIME: _____

DATE: 1-7-03 TIME: _____

SHIPPED VIA: _____ AIRBILL #: _____

SEAL #: _____ SEAL DATE: _____

REPORT TO:

ATTENTION: Jude Schulz

ADDRESS: 3535 Hoffman Rd E
White Deer Lake, Mn 55110

PHONE #: 651-770-1500 FAX #: 651-770-1657

INVOICE TO: [Signature]

ATTENTION: _____

ADDRESS: _____

PHONE #: _____

PURCHASE ORDER NO.: _____

CAS PRICE QUOTE NO.: _____

FAX #: _____

White - Laboratory Copy Yellow - Client Copy



1804 Glendale Rd. • Salina, KS 67401
 (785) 827-1273 • (800) 535-3076 • FAX (785) 823-7830

Chain-of-Custody Record

PROJECT # 41027052 PROJECT NAME 60W

SAMPLED BY (SIGNATURE): [Signature] SAMPLED BY (PRINTED): Matt Baumgartner

SAMPLE INFORMATION

DATE	TIME	C-COMP G-GRAB	FIELD FILTERED Y/N	SAMPLE IDENTIFICATION	# OF CONTAINERS	REMARKS
1/23/02	11:05	G	N	410270 OP-TP-2 4'	2	Analytical - No for Analysis Shipped on ice in sealed cooler.
1/23/02	10:30	G	N	BG-TP-12 inside culvert	2	
1/23/02	1:30	G	N	W-WTP-TP-17+18 2'	2	
1/24/02	11:00	G	N	W-WTP-TP-13 6--(1)	2	
1/24/02	13:30	G	N	W-WTP-TP-20 2'	2	

RELINQUISHED BY (SIGNATURE):	RELINQUISHED BY (PRINTED):	DATE:	TIME:	RECEIVED BY (SIGNATURE):	RECEIVED BY (PRINTED):	DATE:	TIME:
<u>[Signature]</u>	<u>Matt Baumgartner</u>	<u>1/16/03</u>	<u>13:54</u>				
<u>[Signature]</u>	<u>[Signature]</u>	<u>1-7-03</u>	<u>1:00</u>				

RECEIVED AT LABORATORY BY (SIGNATURE/PRINTED): [Signature]

REPORT TO: Jude Schulz

Address: 3535 Hoffman Rd E.
White Bear Lake, MN 55110

Phone #: 651 770 1500 FAX #: 651 770 1657

Attention: [Signature]

Seal #: _____ Seal Date: _____

INVOICE TO: _____

Purchase Order No.: _____
 CAS Price Quote No.: _____
 Phone #: _____
 FAX #: _____

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01/28/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Re: Continental File Number: 7450
Continental Order Number: 83935
Continental Project Manager: Clifford J. Baker
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

Enclosed are the Quality Control Reports for the referenced order number. A general description of the information contained in each report is presented below.

METHOD BLANK DATA

A method blank is a matrix similar to that of the sample which has been prepared and analyzed by the same method as the sample. The method blank is used to assure that the preparation and analysis method has not introduced contamination. The Method Blank Data Report provides the analytical results for each method blank prepared and analyzed from the same quality control batch as that of the client's samples.

LABORATORY CONTROL SAMPLE DATA

A laboratory control sample is a matrix similar to that of the sample which has been spiked with known concentrations of analytes and prepared and analyzed by the same method as the sample. The Laboratory Control Sample (LCS) percent recovery is a measure of the accuracy of the preparation and analysis method. The LCS Report provides the analytical results for all laboratory control samples prepared and analyzed from the same quality control batch as that of the client's samples.

SURROGATE DATA

A surrogate is a compound that is similar to the compounds of interest, but is not normally found in environmental samples. Surrogates are added to the sample prior to preparation and analysis. The surrogate percent recovery is a measure of the effectiveness of the preparation and analysis method on the individual sample. The Surrogate Data Report provides the surrogate recoveries for each sample that required organic analysis.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE DATA

A matrix spike is an aliquot of a sample spiked with compounds of interest and prepared and analyzed by the same method as the sample. The Matrix Spike (MS) percent recovery is a measure of the effectiveness of the preparation and analysis method on the specific sample matrix. The Matrix Spike Duplicate (MSD) is a duplicate preparation and analysis of the MS. The MS and MSD are used to calculate the relative percent difference, which is a measure of the precision of the preparation and analysis method. The MS/MSD Report provides the analytical results for all matrix spike and matrix spike duplicate analyses performed either on samples from the client's order or on samples from the same quality control batch as that of the client's sample.

POST DIGESTION SPIKE DATA

A post digestion spike (PDS) is performed only on samples requiring analysis for metals. A portion of the sample, after preparation by digestion with acid, is spiked with known concentrations of the metals of interest and analyzed. Acceptable recovery of the spike indicates that a matrix interference does not exist in the sample for the metal analyzed.

ACCURACY AND PRECISION LIMITS

The accuracy and precision limits are method or laboratory determined limits indicating acceptable accuracy or



01/28/2003

precision for a given matrix. The accuracy limits are expressed with units of percent recovery. The precision limits are expressed with units of relative percent difference (RPD). Accuracy and/or precision limits are provided on the LCS/LCSD Report, MS/MSD Report and the Surrogate Data Report.

QUALITY CONTROL BATCH

Each batch of twenty or fewer samples of the same matrix, prepared and analyzed by the same method, is assigned a Quality Control Batch number. The Quality Control Batch number for each sample is provided on the Laboratory Report. With each batch, a method blank, two laboratory control samples and a matrix spike/matrix spike duplicate are prepared and analyzed. The analytical results for the method blank, laboratory control and matrix spike/matrix spike duplicate samples are provided on the Method Blank Data Report, LCS/LCSD Report and MS/MSD Report, respectively.

DATE PREPARED

The date prepared is the date the sample was extracted or digested in preparation for analysis. If the extraction or digestion is performed as part of the analysis, "N/A" is reported for the date prepared. The date prepared for each sample is provided on the Laboratory Report.

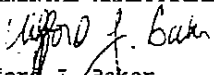
DATE ANALYZED

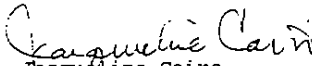
The date analyzed is the date the analysis was performed on the sample. The date analyzed for each sample is provided on the Laboratory Report.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted in the appendix to this report. The appendix is an integral part of this report.

If you have any questions regarding this data, please contact me or your Continental Project Manager at (800) 535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.


Clifford J. Baker
Technical Manager


Jacqueline Cairo
Quality Assurance Officer

Enclosures

Quality Control Reports:
Method Blank Data
Laboratory Control Sample/Laboratory Control Sample Duplicate Data
Sample Surrogate Data
Method Blank Surrogate Data
Matrix Spike/Matrix Spike Duplicate Data

Continental
Analytical Services, Inc.

UMP000579



QUALITY CONTROL REPORT
METHOD BLANK DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55119

Date Sample Reported: 01/28/2003
Date Sample Received: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

<u>QC Batch</u>	<u>Lab Number</u>	<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Book/Page</u>
030108-1	030108BLK1	Solids, Total	100.	% by weight	5060/458
030108-3	030108BLK3	Aniline	ND(0.5)	mg/kg	5438/42
030108-5	030108BLK5	Explosives Method 8330 Solid			
		1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry	5450/1
		1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry	5450/1
		2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry	5450/1
		2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		HMX	ND(2.2)	mg/kg air dry	5450/1
		m-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		Nitrobenzene	ND(0.26)	mg/kg air dry	5450/1
		o-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		p-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/1
		RDX	ND(1.0)	mg/kg air dry	5450/1
		Tetryl	ND(0.65)	mg/kg air dry	5450/1

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
LABORATORY CONTROL SAMPLE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 01/28/2003
Date Sample Received: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

QC Batch	Lab Number	Analysis	Spike Level Units	Accuracy Data (% Recovery)	
				LCS	Limits
030108-1	030108LCS1	Solids, Total	80 % by w	103.	93.8-109
030108-3	030108LCS3	Aniline	2.5 mg/kg	54.6	#

- Accuracy and/or precision control limits are either not available for this analysis or not applicable to this analysis.

QC Batch	Lab Number	Analysis	Spike Level Units	LCS	Accuracy Data (% Recovery)
030108-5	030108LCS5	Explosives Method 8330 Solid			
		1,3,5-Trinitrobenzene	2.5 mg/kg	104.	#
		1,3-Dinitrobenzene	2.5 mg/kg	106.	#
		2,4,6-Trinitrotoluene	2.5 mg/kg	106.	58.2-123
		2,4-Dinitrotoluene	2.5 mg/kg	107.	64.4-120
		2,6-Dinitrotoluene	2.5 mg/kg	105.	63.2-118
		2-Amino-4,6-Dinitrotoluene	2.5 mg/kg	106.	#
		4-Amino-2,6-Dinitrotoluene	2.5 mg/kg	107.	#
		HMX	2.5 mg/kg	94.0	#
		m-Nitrotoluene	2.5 mg/kg	110.	#
		Nitrobenzene	2.5 mg/kg	108.	#
		o-Nitrotoluene	2.5 mg/kg	109.	#
		p-Nitrotoluene	2.5 mg/kg	111.	#
		RDX	2.5 mg/kg	103.	#
		Tetryl	2.5 mg/kg	101.	#

- Accuracy and/or precision control limits are either not available for this analysis or not applicable to this analysis.

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
SAMPLE SURROGATE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 01/28/2003
Date Sample Received: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

Lab Number: 03010371
Sample Description: NATP-2 (0-1')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	102	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	87.3	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	90.3	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	87.1	54.5 - 136

Lab Number: 03010372
Sample Description: WWTP-TP-7-8'

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	104	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	85.7	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	88.0	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	89.2	54.5 - 136

Lab Number: 03010373
Sample Description: BG-TP-15 (0-1')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	95.1	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	85.1	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	89.3	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	96.4	54.5 - 136

-Continued



Client: Terracon Inc.

Lab Number: 03010373

Lab Number: 03010374

Sample Description: BG-TP-18 (0-1')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	100	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	85.0	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	89.7	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	87.6	54.5 - 136

Lab Number: 03010375

Sample Description: BG-TP-10 (0-1')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	102	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	86.4	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	90.4	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	94.5	54.5 - 136

Lab Number: 03010376

Sample Description: NA-TP-1 Pipe 4'

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	102	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	106	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	113	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	145 Q	54.5 - 136

Lab Number: 03010377

Sample Description: BG-TP-12 Below Culvert

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	104	70.5 - 132

-Continued-

CONTINENTAL ANALYTICAL SERVICES, INC.

QUALITY CONTROL REPORT

Page: 3

Client: Terracon Inc.
Lab Number: 03010377

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	85.4	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	89.4	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	93.9	54.5 - 136

Lab Number: 03010378
Sample Description: OP-TP-2 4'

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	101	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	70.4	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	66.4	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	86.1	54.5 - 136

Lab Number: 03010379
Sample Description: BG-TP-12 Inside Culvert

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	103	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	89.8	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	90.3	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	86.1	54.5 - 136

Lab Number: 03010380
Sample Description: WWTP-TP-17 + 18 2'

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	103	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	89.6	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	92.2	53.7 - 123

-Continued-

Continental
Analytical Services, Inc.

UMP000584

QUALITY CONTROL REPORT

Page: 4

Client: Terracon Inc.
Lab Number: 03010380

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Base Neutral/Acid Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	97.7	54.5 - 136

Lab Number: 03010381
Sample Description: WWTP-TP-13 (0-1')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives) 3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	103	70.5 - 132
Base Neutral/Acid 2-Fluorobiphenyl	01/08/2003	01/10/2003	10	mg/kg	89.9	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/10/2003	10	mg/kg	92.1	53.7 - 123
Terphenyl-d14	01/08/2003	01/10/2003	10	mg/kg	97.1	54.5 - 136

Lab Number: 03010382
Sample Description: WWTP-TP-20 2'

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives) 3,4-DNT	01/08/2003	01/11/2003	2.5	mg/kg	97.9	70.5 - 132
Base Neutral/Acid 2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	79.8	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	88.2	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	94.5	54.5 - 136

-Conclusion of Quality Control Report-



QUALITY CONTROL REPORT
METHOD BLANK SURROGATE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 01/28/2003
Date Sample Received: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

Lab Number: 030108BLK3

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Base Neutral/Acid						
2-Fluorobiphenyl	01/08/2003	01/09/2003	10	mg/kg	91.6	42.7 - 126
Nitrobenzene-d5	01/08/2003	01/09/2003	10	mg/kg	92.4	53.7 - 123
Terphenyl-d14	01/08/2003	01/09/2003	10	mg/kg	92.7	54.5 - 136

Conclusion of Lab Number: 030108BLK3

Lab Number: 030108BLK5

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/08/2003	01/10/2003	2.5	mg/kg	102	70.5 - 132

Conclusion of Lab Number: 030108BLK5

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
MATRIX SPIKE / MATRIX SPIKE DUPLICATE DATA

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 01/28/2003
Date Sample Received: 01/07/2003
Continental File No: 7450
Continental Order No: 83935
Client P.O.: 41027052

Matrix Spike/Matrix Spike Duplicate Data from Sample Batch:

Analysis	QC Batch	Spike Level Units	Accuracy Data (% Recovery)			Precision Data		Laboratory Number
			MS	MSD	Limits	RPD	Limit	
Solids, Total	030108-1	0.00 % by w	85.7J	85.2J	#	0.6	7.6	03010371 +
Aniline	030108-3	2.5 mg/kg	31.2	22.7	#	31.5	#	03010371 +
Explosives Method 8330 Solid	030108-5							03010371 +
HMX		2.5 mg/kg	102	102	#	0.0	#	
RDX		2.5 mg/kg	97.7	97.4	#	0.3	#	
1,3,5-Trinitrobenzene		2.5 mg/kg	102	103	#	1.0	#	
1,3-Dinitrobenzene		2.5 mg/kg	105	105	#	0.0	#	
Tetryl		2.5 mg/kg	103	104	#	1.0	#	
Nitrobenzene		2.5 mg/kg	108	108	#	0.0	#	
2,4,6-Trinitrotoluene		2.5 mg/kg	105	105	23.1-143	0.0	98.0	
4-Amino-2,6-Dinitrotoluene		2.5 mg/kg	102	102	#	0.0	#	
2-Amino-4,6-Dinitrotoluene		2.5 mg/kg	104	104	#	0.0	#	
2,6-Dinitrotoluene		2.5 mg/kg	104	104	48.1-136	0.0	26.0	
2,4-Dinitrotoluene		2.5 mg/kg	106	105	39.9-141	0.9	50.5	
m-Nitrotoluene		2.5 mg/kg	108	110	#	1.8	#	
p-Nitrotoluene		2.5 mg/kg	109	108	#	0.9	#	
o-Nitrotoluene		2.5 mg/kg	108	107	#	0.9	#	

J - MS/MSD cannot be performed for this analysis. Value shown is the result of a duplicate analysis of the sample.

- Accuracy control limits are not applicable to duplicate analysis or control limits are currently unavailable for this analysis.

+ - The MS/MSD sample analyses were performed on this sample from this Continental order number.

-Conclusion of Quality Control Report-





02/03/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Received: 01/14/2003
Continental File No.: 7450
Continental Order No.: 84114
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

This laboratory report, consisting of 4 pages, contains the analytical results for the following samples:

<u>CAS LAB ID #</u>	<u>SAMPLE DESCRIPTION</u>	<u>SAMPLE TYPE</u>	<u>DATE SAMPLED</u>
03010908	GOW:PSB-TP-1 (3-4')	Solid	01/13/2003
03010909	GOW:PSB-TP-2 (6')	Solid	01/13/2003

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise qualified in the Appendix to this report. The Appendix is an integral part of this report.

All results are reported on a wet weight basis unless otherwise noted.

Samples will be retained for thirty days unless Continental is otherwise notified.

Thank you for choosing Continental for this project. If you have any questions, please contact your Project Manager at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.

Clifford J. Baker
Technical Manager



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 02/03/2003
 Date Sample Recd: 01/14/2003
 Continental File No: 7450
 Continental Order No: 84114
 Client P.O.: 41027052

Lab Number: 03010908
 Sample Description: GOW:PSB-TP-1 (3-4')

Date Sampled: 01/13/2003
 Time Sampled: 1000

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/21/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/9
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/9
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
2,4-Dinitrotoluene	0.75	mg/kg air dry		5450/9
2,6-Dinitrotoluene	0.88	mg/kg air dry		5450/9
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
HMX	ND(2.2)	mg/kg air dry		5450/9
m-Nitrotoluene	0.59	mg/kg air dry		5450/9
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/9
o-Nitrotoluene	6.03	mg/kg air dry		5450/9
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/9
RDX	ND(1.0)	mg/kg air dry		5450/9
Tetryl	ND(0.65)	mg/kg air dry		5450/9
Aniline	ND(0.5)	mg/kg	01/20/2003	5438/70
Solids, Total	81.5	% by weight	01/15/2003	5060/469

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/20/2003	030120-5	SPA	8330
Aniline	01/16/2003	030116-5	SH	8270C
Solids, Total	N/A	030115-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			MRM	3540C

Conclusion of Lab Number: 03010908

ND(), where noted, indicates none detected with the reporting limit in parentheses.



Client: Terracon Inc.
 Attn: Jade Schulz
 3535 Hoffman Rd. E
 White Bear Lake, MN 55110

Date Sample Rptd: 02/03/2003
 Date Sample Recd: 01/14/2003
 Continental File No: 7450
 Continental Order No: 84114
 Client P.O.: 41027052

Lab Number: 03010909
 Sample Description: GOW:PSB-TP-2 (6')

Date Sampled: 01/13/2003
 Time Sampled: 1030

<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Book/Page</u>
Explosives Method 8330 Solid			01/21/2003	
1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry		5450/9
1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry		5450/9
2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
2,4-Dinitrotoluene	0.37	mg/kg air dry		5450/9
2,6-Dinitrotoluene	0.52	mg/kg air dry		5450/9
2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry		5450/9
HMX	ND(2.2)	mg/kg air dry		5450/9
m-Nitrotoluene	0.33	mg/kg air dry		5450/9
Nitrobenzene	ND(0.26)	mg/kg air dry		5450/9
o-Nitrotoluene	2.75	mg/kg air dry		5450/9
p-Nitrotoluene	ND(0.25)	mg/kg air dry		5450/9
RDX	ND(1.0)	mg/kg air dry		5450/9
Tetryl	ND(0.65)	mg/kg air dry		5450/9
Aniline	ND(0.5)	mg/kg	01/20/2003	5438/70
Solids, Total	80.0	% by weight	01/15/2003	5060/469

<u>Analysis</u>	<u>Date Prepared</u>	<u>QC Batch</u>	<u>Analyst</u>	<u>Method(s)</u>
Explosives Method 8330 Solid	01/20/2003	030120-5	SPA	8330
Aniline	01/16/2003	030116-5	SH	8270C
Solids, Total	N/A	030115-1	MLL	SM 2540B
Explosives Preparation Analyst/Method			JRT	8330
Base Neutral/Acid Preparation Analyst/Method			MRM	3540C

Conclusion of Lab Number: 03010909

ND(), where noted, indicates none detected with the reporting limit in parentheses.





APPENDIX

Page: 4

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Rptd: 02/03/2003
Date Sample Recd: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

Data Qualifiers:
No data qualifiers in this Continental Order.

Analysis Time Summary:
No analysis with a holding time less than seventy-two hours was performed
in this Continental order.

-Conclusion of Laboratory Report-



Chain-of-Custody Record



1804 Glendale Rd. • Salina, KS 67401
 (785) 827-1273 • (800) 535-3076 • FAX (785) 823-7830

PROJECT NAME: **60W**

SAMPLED BY (PRINTED): **Matt Baumgartner**

SAMPLE INFORMATION

DATE	TIME	WEIGHT (G)	FIELD FILTERED (Y/N)	SAMPLE IDENTIFICATION
03/10/03	12:00	6	N	60W: PSB-TP-1 (3-4)
03/10/03	10:30	6	N	60W: PSB-TP-2 (6)

PAPAMETER

# OF CONTAINERS	RECEIVED BY (SIGNATURE)	RECEIVED BY (PRINTED)	DATE	TIME	REMARKS (REQUIRED FOR LABORATORY PRESERVATION, ETC.)
2	<i>[Signature]</i>				Shipped in ice in sealed cooler
2	<i>[Signature]</i>				

Finalix - Nitro Ammonia

DATE: 11/3/03
 TIME: 14:00

DATE: 11/14/03
 TIME: 1027

DATE: 11/3/03
 TIME: 14:00
 RECEIVED BY (SIGNATURE): *[Signature]*
 RECEIVED BY (PRINTED): **Matt Baumgartner**

DATE: 11/14/03
 TIME: 1027
 RECEIVED BY (SIGNATURE): *[Signature]*
 RECEIVED BY (PRINTED): **Wesley J. Schultz**

SHIPPED VIA: **UPS**
 Airbill #:

INVOICE TO:

Attention: **Same**
 Address:
 Phone #:

Jody Schultz (Terracon)
 3535 Hoffman Rd E.
 White Bear Lake, Mn 55110
 651 770 1500 FAX #: 651 770 1657

Purchase Order No.:
 CAS Price Quote No.:
 FAX #:

COOLER / SAMPLE RECEIPT FORM

File No.: 7450
Order No.: 84114

Client Name: Terracon
Sample ID: SOACOC

Date/Time cooler received: 1/14/03 10:27 By: CLL
Unpacked By: CLL Date entered into LIMS: 1/14/03
Red Warning Sticker Applied: Yes No By: _____ Date: ____/____/____
Samples Screened with Geiger Counter: Yes No By: CLL Date: 1/14/03

Cooler Identification: CAS Cooler #: _____ / Client's Cooler / Box / Letter / Hand Delivered
Other _____

Cooler Size: Small / Medium / Large / NA

Delivered By: UPS / FedX / AirBn / Pny Exp / Field S / Mail / Walk-In / Other _____
Air Bill Number: 7915 10317252

Custody Seal: Present (Intact or Broken) Absent Seal No: _____
Seal Name: illegible Seal Date: 1-13-03
Seal matches Chain of Custody: Yes / No NA

Type of Packing Material: Blue Ice / Ice Bubble / Foam / Paper / Peanuts / Vermiculite / NA _____

Cooler Temperature (°C): Original Reading 10.0 °C Corrected Reading ±2 °C
Temp. By: Temp. Blank _____ Poured _____ Surface G P M
Thermo. ID No.: 154 Thermo. Correction Factor (°C): ±2

Sample Receipt Discrepancies: No Yes (See detail below)

- | | |
|--|--|
| <input type="checkbox"/> Chain of Custody not present | <input type="checkbox"/> Sample excluded from Chain of Custody: |
| <input type="checkbox"/> Information obtained from:
Purchase Order / Letter received with samples | <input type="checkbox"/> Broken or Leaking Containers: |
| <input type="checkbox"/> Container label absent | <input type="checkbox"/> Sample listed on Chain of Custody, not received: |
| <input type="checkbox"/> Chain of Custody incomplete | <input type="checkbox"/> Sample description on container label different from
Chain of Custody: |
| <input type="checkbox"/> Chain of Custody missing time sampled | <input type="checkbox"/> Air bubbles in VOA vials: _____ |
| <input type="checkbox"/> Time sampled obtained from container label | _____ |
| <input type="checkbox"/> Chain of Custody missing date sampled | _____ |
| <input type="checkbox"/> Date sampled obtained from container label | _____ |

Detailed Description / Comments: _____

Did Project Manager contact client regarding cooler/sample receipt conditions: Yes No
Who was contacted: _____ Remarks: _____

Reviewed by Project Manager: JME Date: 1/14/03

Continental
Analytical Services, Inc.



02/03/2003

Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Re: Continental File Number: 7450
Continental Order Number: 84114
Continental Project Manager: Clifford J. Baker
Your P.O./Project No.: 41027052

Dear Mr. Schulz:

Enclosed are the Quality Control Reports for the referenced order number. A general description of the information contained in each report is presented below.

METHOD BLANK DATA

A method blank is a matrix similar to that of the sample which has been prepared and analyzed by the same method as the sample. The method blank is used to assure that the preparation and analysis method has not introduced contamination. The Method Blank Data Report provides the analytical results for each method blank prepared and analyzed from the same quality control batch as that of the client's samples.

LABORATORY CONTROL SAMPLE DATA

A laboratory control sample is a matrix similar to that of the sample which has been spiked with known concentrations of analytes and prepared and analyzed by the same method as the sample. The Laboratory Control Sample (LCS) percent recovery is a measure of the accuracy of the preparation and analysis method. The LCS Report provides the analytical results for all laboratory control samples prepared and analyzed from the same quality control batch as that of the client's samples.

SURROGATE DATA

A surrogate is a compound that is similar to the compounds of interest, but is not normally found in environmental samples. Surrogates are added to the sample prior to preparation and analysis. The surrogate percent recovery is a measure of the effectiveness of the preparation and analysis method on the individual sample. The Surrogate Data Report provides the surrogate recoveries for each sample that required organic analysis.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE DATA

A matrix spike is an aliquot of a sample spiked with compounds of interest and prepared and analyzed by the same method as the sample. The Matrix Spike (MS) percent recovery is a measure of the effectiveness of the preparation and analysis method on the specific sample matrix. The Matrix Spike Duplicate (MSD) is a duplicate preparation and analysis of the MS. The MS and MSD are used to calculate the relative percent difference, which is a measure of the precision of the preparation and analysis method. The MS/MSD Report provides the analytical results for all matrix spike and matrix spike duplicate analyses performed either on samples from the client's order or on samples from the same quality control batch as that of the client's sample.

POST DIGESTION SPIKE DATA

A post digestion spike (PDS) is performed only on samples requiring analysis for metals. A portion of the sample, after preparation by digestion with acid, is spiked with known concentrations of the metals of interest and analyzed. Acceptable recovery of the spike indicates that a matrix interference does not exist in the sample for the metal analyzed.

ACCURACY AND PRECISION LIMITS

The accuracy and precision limits are method or laboratory determined limits indicating acceptable accuracy or



02/03/2003

precision for a given matrix. The accuracy limits are expressed with units of percent recovery. The precision limits are expressed with units of relative percent difference (RPD). Accuracy and/or precision limits are provided on the LCS/LCSD Report, MS/MSD Report and the Surrogate Data Report.

QUALITY CONTROL BATCH

Each batch of twenty or fewer samples of the same matrix, prepared and analyzed by the same method, is assigned a Quality Control Batch number. The Quality Control Batch number for each sample is provided on the Laboratory Report. With each batch, a method blank, two laboratory control samples and a matrix spike/matrix spike duplicate are prepared and analyzed. The analytical results for the method blank, laboratory control and matrix spike/matrix spike duplicate samples are provided on the Method Blank Data Report, LCS/LCSD Report and MS/MSD Report, respectively.

DATE PREPARED

The date prepared is the date the sample was extracted or digested in preparation for analysis. If the extraction or digestion is performed as part of the analysis, "N/A" is reported for the date prepared. The date prepared for each sample is provided on the Laboratory Report.

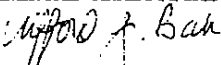
DATE ANALYZED

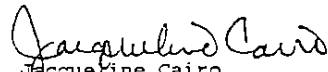
The date analyzed is the date the analysis was performed on the sample. The date analyzed for each sample is provided on the Laboratory Report.

Continental is accredited by the State of Kansas through the National Environmental Laboratory Accreditation Program (NELAP). The results contained in this report were obtained using Continental's Standard Operating Procedures. These procedures are in substantial compliance with the approved methods referenced and the standards published by NELAP unless otherwise noted.

If you have any questions regarding this data, please contact me or your Continental Project Manager at (800)535-3076.

CONTINENTAL ANALYTICAL SERVICES, INC.


Clifford J. Baker
Technical Manager


Jacqueline Cairo
Quality Assurance Officer

Enclosures

Quality Control Reports:
Method Blank Data
Laboratory Control Sample/Laboratory Control Sample Duplicate Data
Sample Surrogate Data
Method Blank Surrogate Data
Matrix Spike/Matrix Spike Duplicate Data

Continental
Analytical Services, Inc.

UMP000596



QUALITY CONTROL REPORT
METHOD BLANK DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 02/03/2003
Date Sample Received: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

<u>QC Batch</u>	<u>Lab Number</u>	<u>Analysis</u>	<u>Concentration</u>	<u>Units</u>	<u>Book/Page</u>
030115-1	030115BLK1	Solids, Total	100.	% by weight	5060/469
030116-5	030116BLK5	Aniline	ND(0.5)	mg/kg	5438/70
030120-5	030120BLK5	Explosives Method 8330 Solid			
		1,3,5-Trinitrobenzene	ND(0.25)	mg/kg air dry	5450/9
		1,3-Dinitrobenzene	ND(0.25)	mg/kg air dry	5450/9
		2,4,6-Trinitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		2,4-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		2,6-Dinitrotoluene	ND(0.26)	mg/kg air dry	5450/9
		2-Amino-4,6-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		4-Amino-2,6-Dinitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		HMX	ND(2.2)	mg/kg air dry	5450/9
		m-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		Nitrobenzene	ND(0.26)	mg/kg air dry	5450/9
		o-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		p-Nitrotoluene	ND(0.25)	mg/kg air dry	5450/9
		RDX	ND(1.0)	mg/kg air dry	5450/9
		Tetryl	ND(0.65)	mg/kg air dry	5450/9

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
SAMPLE SURROGATE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 02/03/2003
Date Sample Received: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

Lab Number: 03010908
Sample Description: GOW:PSB-TP-1 (3-4')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/20/2003	01/21/2003	2.5	mg/kg	106.	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/15/2003	01/20/2003	10	mg/kg	87.1	42.7 - 126
Nitrobenzene-d5	01/15/2003	01/20/2003	10	mg/kg	92.2	53.7 - 123
Terphenyl-d14	01/15/2003	01/20/2003	10	mg/kg	102.	54.5 - 136

Lab Number: 03010909
Sample Description: GOW:PSB-TP-2 (6')

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/20/2003	01/21/2003	2.5	mg/kg	106.	70.5 - 132
Base Neutral/Acid						
2-Fluorobiphenyl	01/15/2003	01/20/2003	10	mg/kg	90.4	42.7 - 126
Nitrobenzene-d5	01/15/2003	01/20/2003	10	mg/kg	94.4	53.7 - 123
Terphenyl-d14	01/15/2003	01/20/2003	10	mg/kg	104.	54.5 - 136

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
METHOD BLANK SURROGATE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 02/03/2003
Date Sample Received: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

Lab Number: 030116BLK5

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Base Neutral/Acid						
2-Fluorobiphenyl	01/15/2003	01/20/2003	10	mg/kg	90.4	42.7 - 126
Nitrobenzene-d5	01/16/2003	01/20/2003	10	mg/kg	95.3	53.7 - 123
Terphenyl-d14	01/16/2003	01/20/2003	10	mg/kg	106.	54.5 - 136

Conclusion of Lab Number: 030116BLK5

Lab Number: 030120BLK5

<u>Surrogate</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Spike Level</u>	<u>Units</u>	<u>% Recovery</u>	<u>Acceptable % Recovery Range</u>
Explosives Method 8330 Solid (Explosives)						
3,4-DNT	01/20/2003	01/21/2003	2.5	mg/kg	104.	70.5 - 132

Conclusion of Lab Number: 030120BLK5

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
MATRIX SPIKE / MATRIX SPIKE DUPLICATE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 02/03/2003
Date Sample Received: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

Matrix Spike/Matrix Spike Duplicate Data from Sample Batch:

Analysis	QC Batch	Spike Level Units	Accuracy Data (% Recovery)			Precision Data		Laboratory Number
			MS	MSD	Limits	RPD	Limit	
Aniline	030116-5	2.5 mg/kg	19.2	24.2	#	23.0	#	03011039
Explosives Method 8330 Solid	030120-5							03010908 +
HMX		2.5 mg/kg	98.9	99.9	#	1.0	#	
RDX		2.5 mg/kg	93.8	95.7	#	2.0	#	
1,3,5-Trinitrobenzene		2.5 mg/kg	102.	102.	#	0.0	#	
1,3-Dinitrobenzene		2.5 mg/kg	104.	104.	#	0.0	#	
Tetryl		2.5 mg/kg	104.	104.	#	0.0	#	
Nitrobenzene		2.5 mg/kg	108.	108.	#	0.0	#	
2,4,6-Trinitrotoluene		2.5 mg/kg	105.	105.	23.1-143	0.0	98.0	
4-Amino-2,6-Dinitrotoluene		2.5 mg/kg	100.	99.6	#	0.4	#	
2-Amino-4,6-Dinitrotoluene		2.5 mg/kg	101.	99.8	#	1.2	#	
2,6-Dinitrotoluene		2.5 mg/kg	91.8	92.6	48.1-136	0.9	26.0	
2,4-Dinitrotoluene		2.5 mg/kg	99.7	101.	39.9-141	1.3	50.5	
m-Nitrotoluene		2.5 mg/kg	103.	103.	#	0.0	#	
p-Nitrotoluene		2.5 mg/kg	108.	107.	#	0.9	#	
o-Nitrotoluene		2.5 mg/kg	20.1	16.5	#	19.7	#	
Solids, Total	030115-1	0.00 % by w	80.0 J	78.7 J	#	1.6	7.6	03010909 +

J - MS/MSD cannot be performed for this analysis. Value shown is the result of a duplicate analysis of the sample.

- Accuracy and/or precision control limits are either not available for this analysis or not applicable to this analysis.

+ - The MS/MSD sample analyses were performed on this sample from this Continental order number.

-Conclusion of Quality Control Report-





QUALITY CONTROL REPORT
LABORATORY CONTROL SAMPLE DATA

Page: 1

Client: Terracon Inc.
Attn: Jade Schulz
3535 Hoffman Rd. E
White Bear Lake, MN 55110

Date Sample Reported: 02/03/2003
Date Sample Received: 01/14/2003
Continental File No: 7450
Continental Order No: 84114
Client P.O.: 41027052

QC Batch	Lab Number	Analysis	Spike Level Units	Accuracy Data (% Recovery)	
				LCS	Limits
030115-1	030115LCS1	Solids, Total	80 % by w	106.	93.8-109
030116-5	030116LCS5	Aniline	2.5 mg/kg	33.4	#

- Accuracy and/or precision control limits are either not available for this analysis or not applicable to this analysis.

030120-5	030120LCS5	Explosives Method 8330 Solid			
		1,3,5-Trinitrobenzene	2.5 mg/kg	104.	#
		1,3-Dinitrobenzene	2.5 mg/kg	106.	#
		2,4,6-Trinitrotoluene	2.5 mg/kg	105.	58.2-123
		2,4-Dinitrotoluene	2.5 mg/kg	107.	64.4-120
		2,6-Dinitrotoluene	2.5 mg/kg	105.	63.2-118
		2-Amino-4,6-Dinitrotoluene	2.5 mg/kg	106.	#
		4-Amino-2,6-Dinitrotoluene	2.5 mg/kg	106.	#
		HMX	2.5 mg/kg	95.4	#
		m-Nitrotoluene	2.5 mg/kg	112.	#
		Nitrobenzene	2.5 mg/kg	109.	#
		o-Nitrotoluene	2.5 mg/kg	109.	#
		p-Nitrotoluene	2.5 mg/kg	112.	#
		RDX	2.5 mg/kg	102.	#
		Tetryl	2.5 mg/kg	102.	#

- Accuracy and/or precision control limits are either not available for this analysis or not applicable to this analysis.

-Conclusion of Quality Control Report-



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CERTIFICATE OF ANALYSIS

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Report Date: 01/23/2003
Project: Former GOW, 1-13-03
Project No.: 41027052

BULK SAMPLE ANALYSIS SUMMARY

Lab No. 1643055 Material Description: Dk. Brown Soil
Client No.: PSB-TP-1(3-4) Location:

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	2	Cellulose	93
		5	Fibrous Glass	

Not building material, 1% threshold may not apply. See attached summary.
(Debris, soil, etc.)

NIST-NVLAP No. 1165

NY-DOH No. 11021

AIHA Lab No. 444

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

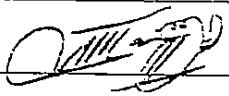
Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-triable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation must be made by quantitative TEM.

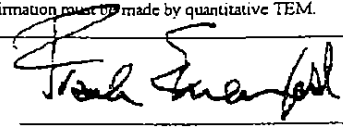
Analysis Performed By:

JAN 22 2003

Date:


MUHAMMAD T. MIRZA

Approved By:


Frank E. Ehrenfeld, III

NOTICE OF ANALYTICAL CAPABILITIES:

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Date: 01/23/2003

Project: Former GOW, 1-13-03

Attention:

Project Number: 41027052

This notice is not intended to replace the Certificate of Analysis or other data associated with the analysis of bulk materials. Instead, IATL has observed that the samples may not fit prescribed methods. We hope to communicate these observations so that more appropriate means of analysis may be considered. Please call the Laboratory Director for specific alternatives or a further explanation of this notice.

Analytical Method: EPA 600/R-93.116 "Method for the Determination of Asbestos in Bulk Building Materials"
ELAP 198.1 "Method for the Analysis of Bulk Materials for Asbestos Content by PLM"

Instrumentation: PLM / Polarized Light Microscopy

Referenced Samples: Client ID: PSB-TP-1 (3-4')
IATL ID: 1643005

Notice of Analytical Limitations:

The above referenced sample(s) were submitted for asbestos analysis via PLM. The requested analytical method may either be inadequate or the results may be limited by the following factors:

- Sample submitted on matrix material that may interfere with the detection of suspect asbestos fibers.
- Optical techniques (PLM) have limited resolution and may miss fine or small fibers inherent in the method.
- EPA 600 Method developed for the analysis of asbestos in building materials.
- EPA 600 Method requires sampling of at least 15cc of material for verifiable quantitative results.

Recommendations:

IATL recommends the following alternative to either the sampling protocol and/or analytical methodology to improve both qualitative and quantitative results:

- Recommend ASTM D-5755-95 "Standard Method for Microvacuum Sampling and Indirect Analysis of Dust by TEM for ASBESTOS Structures Concentrations."
- Recommend ASTM D-6480-99 "Standard Method for Wipe Sampling and Indirect Analysis of Dust by TEM for Asbestos Structures Concentrations."
- ✓ EPA Region I Proprietary Method for Determination of Asbestos in Soils, Sludges, and Sediments by TEM. 1994

NOTICE OF ANALYTICAL CAPABILITIES:

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Date: 01/23/2003

Project: Former GOW, 1-13-03

Attention:

Project Number: 41027052

This notice is not intended to replace the Certificate of Analysis or other data associated with the analysis of bulk materials. Instead, IATL has observed that the samples may not fit prescribed methods. We hope to communicate these observations so that more appropriate means of analysis may be considered. Please call the Laboratory Director for specific alternatives or a further explanation of this notice.

Analytical Method: EPA 600/R-93.116 "Method for the Determination of Asbestos in Bulk Building Materials"
ELAP 198.1 "Method for the Analysis of Bulk Materials for Asbestos Content by PLM"

Instrumentation: PLM/ Polarized Light Microscopy

Referenced Samples: Client ID: PSB-TP-1(3-4')
IATL ID: 1643005

Notice of Analytical Limitations:

The above referenced sample(s) were submitted for asbestos analysis via PLM. The requested analytical method may either be inadequate or the results may be limited by the following factors:

- Sample submitted on matrix material that may interfere with the detection of suspect asbestos fibers.
- Optical techniques (PLM) have limited resolution and may miss fine or small fibers inherent in the method.
- EPA 600 Method developed for the analysis of asbestos in building materials.
- EPA 600 Method requires sampling of at least 15cc of material for verifiable quantitative results.

Recommendations:

IATL recommends the following alternative to either the sampling protocol and/or analytical methodology to improve both qualitative and quantitative results:

- Recommend ASTM D-5755-95 "Standard Method for Microvacuum Sampling and Indirect Analysis of Dust by TEM for ASBESTOS Structures Concentrations."
- Recommend ASTM D-6480-99 "Standard Method for Wipe Sampling and Indirect Analysis of Dust by TEM for Asbestos Structures Concentrations."
- EPA Region 7 Proprietary Method for Determination Of Asbestos in Soils, Sludges, and Sediments by TEM. 1994

References:

- EPA 600/R-93-116, July 1993: "Method for the Determination of Asbestos in Bulk Building Materials."
- 40 CFR Vol. 59, No. 146, August 1, 1994: "Advisory Regarding Availability of an Improved Asbestos Bulk Sample Analysis Test Method: Supplementary Information on Bulk Sample Collection and Analysis."
- 40 CFR Vol. 55, No. 224, November 20, 1991: "Advisory Regarding Asbestos Bulk Sample Analysis Test Methods",
- 40 CFR Vol. 59, No. 3, January 5, 1994: "Asbestos NESHAP clarification Regarding Analysis of Multi-layered Systems."
- ASTM D 5755-95: "Standard Method for Microvacuum Sampling and Indirect Analysis of Dust by TEM for Asbestos Structures Concentrations."
- NYSDOH / ELAP 198.1: "Stratified Point Counting for Bulk Building Materials (friable and non-friable) by Polarized Light Microscopy"
- NYSDOH / ELAP 198.4: "Gravimetric Reduction Analysis for Non-friable Organically Bound Building Materials by TEM."

Discussion:

It is possible to analyze Settled Dust samples by the PLM approach. This assumes that the sampling protocol is similar to that specified by ASTM. Only analysts trained in advanced methods are permitted to examine these special submittals. Here the sample is analyzed in a three-fold manner.

- a) If only a fine coating of dust is present, this small quantity is examined directly under the stereoscope for suspect fibers. If suspect fibrous material is present, they are separated from the dust matrix and mounted for the PLM analysis of the mineral's optical properties. These small quantity samples may be completely consumed by several preparations. Point counting regimens are always employed for quantitation.
- b) If a cassette has a more plentiful (>10cc) of debris, then this debris is transferred to dissecting dishes for macroscopic examination. Again, suspect fibrous material is mounted and point counted. Remaining material may be advanced to quantitative TEM.
- c) Separation techniques may include mechanical, chemical, or gravimetric reduction steps to isolate asbestos minerals from any matrix or debris sample. Calculations (ASTM and EPA600 Sec. 2.3) are then employed to produce final quantities of asbestos.

Summary:

Why is PLM-Dust/Debris analysis more costly?

- a) Skilled technicians trained in this special technique.
- b) Separation techniques may have to be employed.
- c) Point Counting is required.

776
1524
Soil

- Chain of Custody -

Client: Terracon
3535 Hoffman Road E.
White Bear Lake, MN 55110

Project Name: FORUM GCW
Project No.: 41027052

Phone: 651-770-1500
FAX: 651 770 1657

Contact: Jacob M. Schultz
Pager: N/A

Special Instructions: _____

Type:

Asbestos		Lead		Other				
<input type="checkbox"/>	Air	<input checked="" type="checkbox"/>	Soil	<input type="checkbox"/>	Air	<input type="checkbox"/>	Soil	_____
<input checked="" type="checkbox"/>	Bulk	<input type="checkbox"/>	Dust	<input type="checkbox"/>	Bulk	<input type="checkbox"/>	Paint	_____
<input type="checkbox"/>	Water	<input type="checkbox"/>	Other	<input type="checkbox"/>	Water	<input type="checkbox"/>	Other	_____

Analysis Method:

<input type="checkbox"/>	PCM: NIOSH 7400	<input checked="" type="checkbox"/>	PLM: Bulk Asbestos EPA 600	<input type="checkbox"/>	TEM: AHERA
<input type="checkbox"/>	PCM: OSHA	<input type="checkbox"/>	PLM: Point Counting 198.1	<input type="checkbox"/>	TEM: NIOSH 7402
<input type="checkbox"/>	PCM: Other _____	<input type="checkbox"/>	PLM: NOB via 198.1 (PLM only)	<input type="checkbox"/>	TEM: EPA Level II
<input type="checkbox"/>	AAS: NIOSH 7082 (Air)	<input type="checkbox"/>	If <1% by PLM, to TEM via 198.4 to meet NYSDOH requirements **	<input type="checkbox"/>	TEM: Microvac Dust
<input type="checkbox"/>	AAS: Lead in Drinking Water	<input type="checkbox"/>	(**call to confirm TAT!)	<input type="checkbox"/>	TEM: Asbestos in Water
<input type="checkbox"/>	AAS: Lead in Paint ASTM D3335-85a	<input type="checkbox"/>		<input type="checkbox"/>	TEM: Bulk Analysis
<input type="checkbox"/>	AAS: Lead Dust/Wipe	<input type="checkbox"/>		<input type="checkbox"/>	TEM: NOB 198.4
<input type="checkbox"/>	AAS: Other Metals / Soil _____	<input type="checkbox"/>		<input type="checkbox"/>	TEM: Other _____
		<input type="checkbox"/>		<input type="checkbox"/>	Total Dust: NIOSH 0500

Turnaround Time:

FAX: _____ Verbal: _____
date / time date / time

<input type="checkbox"/>	10 Day	<input checked="" type="checkbox"/>	5 Day	<input type="checkbox"/>	3 Day	<input type="checkbox"/>	2 Day	<input type="checkbox"/>	1 Day	<input type="checkbox"/>	6 hour	<input type="checkbox"/>	RUSH
Preliminary FAX/Verbal Results Requested by: _____													

Sample Numbers:

Client #(s): ~~3535~~ - 1513-TP-1(3-4) IATL #(s): _____ Total: _____
(start) (end) (start) (end)

Chain of Custody:

Relinquished:	<u>Matt Buring</u>	Date:	<u>1/13/03</u>	Time:	<u>1400</u>
Received:	_____	Date:	_____	Time:	_____
Sample Log-in:	_____	Date:	<u>1/15/03</u>	Time:	<u>1216</u>
Sample Prep:	_____	Date:	_____	Time:	_____
Analyzed:	<u>mm</u>	Date:	<u>1/22/03</u>	Time:	_____
QA/QC Review:	<u>1/27</u>	Date:	<u>1/29/03</u>	Time:	_____

Archived/Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

Bulk Material Sampling Log

Client: Wracon
3535 Ho-Ho-Ho Rd E
White Bear Lake, MN 55110
Phone: 651-776 1500
FAX: 651-776 1657

Project Name: FUTURE GOW
Project No.: 41027052
Contact: Julie A. Schultz
Analysis: EPA 600 / PLM

Special Instructions: _____

Consultant Sample #	IATL Sample #	Color	Type	Location	Photo #	Notes
BS-T7-1(34)		Bk	S	1643055		

Relinquished: Matt Bann Date: 1/13/03 Time: 1400
 Received: _____ Date: _____ Time: _____
 Sample Log-in: _____ Date: _____ Time: _____
 Sample Prep: _____ Date: _____ Time: _____
 Analyzed: _____ Date: _____ Time: _____
 QA/QC Review: _____ Date: _____ Time: _____

CERTIFICATE OF ANALYSIS

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Report Date: 01/15/2003
Project: Former GOW, 1-3-03
Project No.: 41027052

BULK SAMPLE ANALYSIS SUMMARY

Lab No. 1641822	Material Description: Tan/Black NonFibrous			
Client No.: OP-TP-2	Location: Pipe			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No. 1641823	Material Description: Grey Transite			
Client No.: WWTP-Stack	Location:			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
20	Chrysotile	None Detected	None Detected	80

Lab No. 1641824	Material Description: Black Rubber			
Client No.: WWTP-TP-12	Location: Electrical Insulation Found In Soil			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No. 1641825	Material Description: Grey Transite			
Client No.: WWTP-TP-12	Location: Found In Soil			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
20	Chrysotile	None Detected	None Detected	80

NIST-NVLAP No. 1165

NY-DOH No. 11021

AIHA Lab No. 444

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-irradiable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation must be made by quantitative TEM.

Analysis Performed By: Vane G. Smith, III

Approved By: Frank E. Ehrenfeld, III

Date: JAN 14 2003 Vane G. Smith, III, AIHA-AAR 4719

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
3535 Hoffinan Road East
White Bear Lake, MN 55110-5376

Report Date: 01/15/2003
Project: Former GOW, 1-3-03
Project No.: 41027052

BULK SAMPLE ANALYSIS SUMMARY

Lab No.	1641826	Material Description:	Brown/Black	
Client No.:	WWTP-TP-13	Location:	Non Fibrous	(0-1)
<hr/>				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

* Lab No.	1641827	Material Description:	White/Black Debris	
Client No.:	NA-TP-3	Location:	Gasket	Found In Soil
<hr/>				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
30	Chrysotile	None Detected	None Detected	70

* Lab No.	1641828	Material Description:	White/Tan Soil	
Client No.:	WWTP-TR-2021	Location:		
<hr/>				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	2	Cellulose	98

* Lab No.	1641829	Material Description:	Brown Soil	
Client No.:	WWTP-TP-17H821	Location:		
<hr/>				
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	Trace	Cellulose	100

NIST-NVLAP No. 1165

NY-DOH No. 11021

AIHA Lab No. 444

This confidential report relates only to those items tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation must be made by quantitative TEM.

Analysis Performed By: Vane G. Smith
Date: JAN 14 2003
Vane G. Smith, MPA-428-419

Approved By: Frank E. Ehrenfeld

Frank E. Ehrenfeld, III

CERTIFICATE OF ANALYSIS

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Report Date: 01/20/2003
Project: Former GOW, 1-3-03
Project No.: 41027052

BULK SAMPLE ANALYSIS SUMMARY

* **Lab No.** 1641830 **Material Description:** Brown Soil
Client No.: BG-TP-15(0-1) **Location:**

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	2	Cellulose	98

* **Lab No.** 1641831 **Material Description:** Brown Soil
Client No.: BG-TP-12 **Location:** Below Culvert

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	1	Cellulose	99

* **Lab No.** 1641832 **Material Description:** Brown Soil
Client No.: WWTP-TP-7 **Location:** 8'

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	Trace	Cellulose	100

* **Lab No.** 1641833 **Material Description:** White/Black/Orange
Client No.: WWTP-TP(4-5) **Location:** Debris Trash Pit

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC Trace	Chrysotile	10	Cellulose	90

NIST-NVLAP No. 1165

NY-DOH No. 11021

AIHA Lab No. 444

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-liable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation must be made by quantitative TEM.

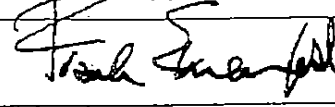
Analysis Performed By:



MUHAMMAD T. MIRZA

Date: JAN 14 2003

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Report Date: 01/15/2003
Project: Former GOW, 1-3-03
Project No.: 41027052

BULK SAMPLE ANALYSIS SUMMARY

* **Lab No.** 1641834 **Material Description:** Tan/Yellow Soil
Client No.: OP-TP-2 **Location:** 4'

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	Trace	Cellulose	100

* **Lab No.** 1641835 **Material Description:** Brown Soil
Client No.: BG-TP-10(0-1) **Location:**

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	5	Cellulose	95

* Not building material, 1% threshold may not apply. See attached summary.
(Debris, soil, etc.)

NIST-NVLAP No. 1165

NY-DOH No. 11021

AIHA Lab No. 444

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP or any agency of the U.S. government.

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Stratified Point Count Method performed. Method not performed unless stated. PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation must be made by quantitative TEM.

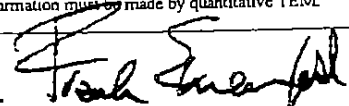
Analysis Performed By:



Date:

JAN 14 2003 MUHAMMAD E. MIRZA

Approved By:



Frank E. Ehrenfeld, III

NOTICE OF ANALYTICAL CAPABILITIES:

Client: Terracon
3535 Hoffman Road East
White Bear Lake, MN 55110-5376

Date: 01/15/2003

Project: Former GOW, 1-3-03

Attention:

Project Number: 41027052

This notice is not intended to replace the Certificate of Analysis or other data associated with the analysis of bulk materials. Instead, IATL has observed that the samples may not fit prescribed methods. We hope to communicate these observations so that more appropriate means of analysis may be considered. Please call the Laboratory Director for specific alternatives or a further explanation of this notice.

Analytical Method: EPA 600/R-93.116 "Method for the Determination of Asbestos in Bulk Building Materials"
ELAP 198.1 "Method for the Analysis of Bulk Materials for Asbestos Content by PLM"

Instrumentation: PLM / Polarized Light Microscopy

Referenced Samples: Client ID: NA-TP-3 To BG-TP-10(0-1)
IATL ID: 1641827 To 1641835

Notice of Analytical Limitations:

The above referenced sample(s) were submitted for asbestos analysis via PLM. The requested analytical method may either be inadequate or the results may be limited by the following factors:

- Sample submitted on matrix material that may interfere with the detection of suspect asbestos fibers.
- Optical techniques (PLM) have limited resolution and may miss fine or small fibers inherent in the method.
- EPA 600 Method developed for the analysis of asbestos in building materials.
- EPA 600 Method requires sampling of at least 15cc of material for verifiable quantitative results.

Recommendations:

IATL recommends the following alternative to either the sampling protocol and/or analytical methodology to improve both qualitative and quantitative results:

- Recommend ASTM D-5755-95 "Standard Method for Microvacuum Sampling and Indirect Analysis of Dust by TEM for ASBESTOS Structures Concentrations."
- ✓ Recommend ASTM D-6480-99 "Standard Method for Wipe Sampling and Indirect Analysis of Dust by TEM for Asbestos Structures Concentrations."
- ✓ EPA Region I Proprietary Method for Determination Of Asbestos in Soils, Sludges, and Sediments by TEM. 1994

References:

- EPA 600/R-93-116, July 1993: "Method for the Determination of Asbestos in Bulk Building Materials."
- 40 CFR Vol. 59, No. 146, August 1, 1994: "Advisory Regarding Availability of an Improved Asbestos Bulk Sample Analysis Test Method: Supplementary Information on Bulk Sample Collection and Analysis."
- 40 CFR Vol. 55, No. 224, November 20, 1991: "Advisory Regarding Asbestos Bulk Sample Analysis Test Methods",
- 40 CFR Vol. 59, No. 3, January 5, 1994: "Asbestos NESHAP clarification Regarding Analysis of Multi-layered Systems."
- ASTM D 5755-95: "Standard Method for Microvacuum Sampling and Indirect Analysis of Dust by TEM for Asbestos Structures Concentrations."
- NYSDOH / ELAP 198.1: "Stratified Point Counting for Bulk Building Materials (friable and non-friable) by Polarized Light Microscopy"
- NYSDOH / ELAP 198.4: "Gravimetric Reduction Analysis for Non-friable Organically Bound Building Materials by TEM."

Discussion:

It is possible to analyze Settled Dust samples by the PLM approach. This assumes that the sampling protocol is similar to that specified by ASTM. Only analysts trained in advanced methods are permitted to examine these special submittals. Here the sample is analyzed in a three-fold manner.

- a) If only a fine coating of dust is present, this small quantity is examined directly under the stereoscope for suspect fibers. If suspect fibrous material is present, they are separated from the dust matrix and mounted for the PLM analysis of the mineral's optical properties. These small quantity samples may be completely consumed by several preparations. Point counting regimens are always employed for quantitation.
- b) If a cassette has a more plentiful (>10cc) of debris, then this debris is transferred to dissecting dishes for macroscopic examination. Again, suspect fibrous material is mounted and point counted. Remaining material may be advanced to quantitative TEM.
- c) Separation techniques may include mechanical, chemical, or gravimetric reduction steps to isolate asbestos minerals from any matrix or debris sample. Calculations (ASTM and EPA600 Sec. 2.3) are then employed to produce final quantities of asbestos.

Summary:

Why is PLM-Dust/Debris analysis more costly?

- a) Skilled technicians trained in this special technique.
- b) Separation techniques may have to be employed.
- c) Point Counting is required.

776
5+4

- Chain of Custody -

Client: Terracon
3535 Hoffinan Road E.
White Bear Lake, MN 55110

Project Name: Former GOLF
Project No.: 41027052

Phone: 651-770-1500
FAX: 651-770-1657

Contact: Jade M. Schulz
Pager: NA

Special Instructions: _____

Type:

Asbestos		Lead		Other	
<input type="checkbox"/> Air	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Air	<input type="checkbox"/> Soil	_____	_____
<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Dust	<input type="checkbox"/> Bulk	<input type="checkbox"/> Paint	_____	_____
<input type="checkbox"/> Water	<input type="checkbox"/> Other	<input type="checkbox"/> Water	<input type="checkbox"/> Other	_____	_____

Analysis Method:

<input type="checkbox"/> PCM: NIOSH 7400	<input checked="" type="checkbox"/> PLM: Bulk Asbestos EPA 600	<input type="checkbox"/> TEM: AHERA
<input type="checkbox"/> PCM: OSHA	<input type="checkbox"/> PLM: Point Counting 198.1	<input type="checkbox"/> TEM: NIOSH 7402
<input type="checkbox"/> PCM: Other _____	<input type="checkbox"/> PLM: NOB via 198.1 (PLM only)	<input type="checkbox"/> TEM: EPA Level II
<input type="checkbox"/> AAS: NIOSH 7082 (Air)	<input type="checkbox"/> If <1% by PLM, to TEM via 198.4 to meet NYSDOH requirements **	<input type="checkbox"/> TEM: Microvac Dust
<input type="checkbox"/> AAS: Lead in Drinking Water	(**call to confirm TAT!)	<input type="checkbox"/> TEM: Asbestos in Water
<input type="checkbox"/> AAS: Lead in Paint ASTM D3335-85a		<input type="checkbox"/> TEM: Bulk Analysis
<input type="checkbox"/> AAS: Lead Dust/Wipe		<input type="checkbox"/> TEM: NOB 198.4
<input type="checkbox"/> AAS: Other Metals / Soil _____		<input type="checkbox"/> TEM: Other _____
		<input type="checkbox"/> Total Dust: NIOSH 0500

Turnaround Time:

FAX: _____ **Verbals:** _____
date / time date / time

<input type="checkbox"/> 10 Day	<input checked="" type="checkbox"/> 5 Day	<input type="checkbox"/> 3 Day	<input type="checkbox"/> 2 Day	<input type="checkbox"/> 1 Day	<input type="checkbox"/> 6 hour	<input type="checkbox"/> RUSH
Preliminary FAX/Verbal Results Requested by: _____						

Sample Numbers:

Client #(s): OP-TP-2 - 36-TP-10(01) IATL #(s): _____ - _____ Total: _____
(start) (end) (start) (end)

Chain of Custody:

(Non sequential sample numbers)

Relinquished: <u>Matt Bayler</u>	Date: <u>1/7/03</u>	Time: <u>11:40</u>
Received: _____	Date: _____	Time: _____
Sample Log-in: _____	Date: <u>1/13/03</u>	Time: <u>14:00</u>
Sample Prep: _____	Date: _____	Time: _____
Analyzed: _____	Date: <u>MM/03 1/14/03</u>	Time: _____
QA/QC Review: _____	Date: <u>1/20/03</u>	Time: _____

Archived/Released: _____ QA/QC InterLAB Use: _____ Date: _____ Time: _____

Bulk Material Sampling Log

Client: TERRACON
3535 Hoffman Rd E
White Bear Lake, MN 55110
Phone: 651-770-1500
FAX: 651-770-1657

Project Name: Former GOW
Project No.: 41027052
Contact: Jade M Schulz
Analysis: EPA 600/PLM

Special Instructions: _____

Consultant Sample #	IATL Sample #	Color	Type	Location	Photo #	Notes
Pipe OP-TP-2		Br	S	1041822		
WWT-Stack Sample		Grey	debris	1041823		Collected by Tim Kenney with Deer Env.
WWT-TP-12 electrical insulation		BK	debris	1041824		found in Soil
WWT-TP-12		DK	debris	1041825		found in Soil
WWT-TP-13 (0-1)		BK	S	1041826		
NA-TP-3 Gasket		Br	bulk	1041827		found in Soil
WWT-TP 20 2'		Grey	Soil	1041828		
WWT-TP 17+8 2'		black	Soil	1041829		
B6-TP-15 (0-1)		black	Soil	1041830		
B6-TP-12 Below Culvert		black	Soil	1041831		

Relinquished: <u>Matt [Signature]</u>	Date: <u>4/3/03</u>	Time: <u>11:00</u>
Received: _____	Date: _____	Time: _____
Sample Log-in: _____	Date: _____	Time: _____
Sample Prep: _____	Date: _____	Time: _____
Analyzed: _____	Date: _____	Time: _____
QA/QC Review: _____	Date: _____	Time: _____

Bulk Material Sampling Log

Client: Tennacon
3535 Hoffman Rd E
White Bear Lake MN 55110
Phone: 651-770-1500
FAX: 651-770-1657

Project Name: Former GOLD
Project No.: 41027052
Contact: Jade M. Schultz
Analysis: EPA 600/PLM

Special Instructions: _____

Consultant Sample #	IATL Sample #	Color	Type	Location	Photo #	Notes
WWT-TP-7 8'		Dark	Soil	1641832		
WWT-TP (4-5) Trench pit		Brown	Soil	1041833		
OP-TP-2 4'		Yellow brown	Soil	1041834		
BB-TP-10 (0-1)		Dark	Soil	1041835		
/						

Relinquished: <u>Matt Schultz</u>	Date: <u>1/3/07</u>	Time: <u>11:00</u>
Received: _____	Date: _____	Time: _____
Sample Log-in: _____	Date: _____	Time: _____
Sample Prep: _____	Date: _____	Time: _____
Analyzed: _____	Date: _____	Time: _____
QA/QC Review: _____	Date: _____	Time: _____

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✓ 1

Company Name: Terracon
 Branch or Location: White Bear Lake
 Project Contact: Jade Schultz
 Telephone: 651 770 1500
 Project Number: 41027052
 Project Name: GOGL
 Project State: Mn
 Sampled By (Print): Matt Baumgartner

1241 Bellevue St., Suite 9
 Green Bay, WI 54302
 920-469-2436
 FAX 920-469-8927

526 Science Drive
 Madison, WI 53711
 608-232-3300
 FAX: 608-233-0602

EN-CHEM
 INC.

CHAIN OF CUSTODY 92882

Page 1 of 1
 P.O. # _____ Quote # _____
 Mail Report To: Jade Schultz
 Company: Terracon
 Address: 3535 Hoffman Rd E
White Bear Lake, Mn 55110
 Invoice To: _____
 Company: SJME
 Address: _____
 Mail Invoice To: _____

Preservation Codes
 D=H2O3 E=Methanol G=NaOH
 I=Sodium Thiosulfate J=Other

A=None B=HCL C=H2SO4
 H=Sodium Bisulfate Solution I=Other

ANALYSES REQUESTED
 PCRA Metals
 RCB's
 Cam. Metals
 Nitrate
 Sulfate
 Ph

Matrix Codes
 W-Water
 S-Soil
 A-Air
 C-Charcoal
 B-Biota
 S-Studge

Regulatory Program	FIELD ID	COLLECTION		Matrix Codes	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
		DATE	TIME			
UST	WWTTP-TP-1C	3/20/02	12:35	S	X	Sample ID's changed
RCRA	WWTTP-TP-4 Surface		1:05	S	X	to different batch the
SDWA	WWTTP-TP-2 C		1:45	S	X	Multiple samples with
NPDES	NA-TP-3 gage 0 (A)		1:30	S		the same ID
GENCLA	NA-TP-3 Wood		1:30	S		5/24/10
	NA-TP-3 back marker (A)		1:30	S	X	
	OP-TP-2A (0-1)		10:00	S	X	
	OP-TP-2 4'		10:05	S	X	
	OP-TP-1 (1-1.5)		9:48	S	X	Shipped on 1/14/03
	OP-TP-1 (1.5-2)		9:48	S	X	1/14/03
	OP-TP-1 (0-1)		9:48	S	X	
	OP-TP-2 (0-1)		10:00	S	X	

Received By: Adrian Date/Time: _____
 Received By: 1900 Dunks Date/Time: _____
 Received By: Nikhil Banerjee Date/Time: 1/7/03 0815
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

En Chem Project No: 830290
 Sample Receipt Temp: 3.0°C
 Sample Receipt pH: _____
 Cooler Custody Seal: N/A
 Present/Not Present: Present

(Please Print Legibly)
 Company Name: Terracon
 Branch or Location: White Bear Lake
 Project Contact: Jake Schultz
 Telephone: 651 770 1500
 Project Number: 410227052
 Project Name: 609W
 Project State: Mn
 Sampled By (Print): Matt Baumgartner

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

Regulatory Program: UST
RCA
SDWA
RPDES
CERCLA

LABORATORY ID (17 Digit)	FIELD ID	COLLECTION		MATRIX	Regulatory Program	Matrix Codes W=Water S=Soil A=Air C=Charcoal B=Biota S=Sludge	ANALYSES REQUESTED	PRESERVATION (CODE)	FILTERED? (YES/NO)	H= None B= HCl C= H2SO4 D= HNO3 E= EnCore F= Melliconal G= NaOH I= Sodium Thiosulfate J= Other	P.O. #	Quote #
		DATE	TIME									
0103	NA-TP-1 Pipe 4'	12/20/02	1350	S	UST		SITE					
0104	NA-TP-2 2'		1331	S	RCA		DR					
0105	NA-TP-3 (0-1)'		1330	S	SDWA		RCRA metals					
0106	NA-TP-4 Dry well		1340	S	RPDES		Moisture					
0107	NA-TP-2 (0-1)' ¹⁰ (B)		1300	S	CERCLA		VOC					
0108	NA-TP-3 brick mortar (B)		1220	S								
0109	OP-TP-2 4' @ (B)		1005	S								
0110	VA-TP-3 gage 1 ¹⁰ (B)		1330	S								
0111	WWTP-TP-3 surface		1540	S								
0112	OP-TP-4 6'		1120	S								
0113	OP-TP-6 West culvert		1140	S								
0114	OP-TP-6 East Culvert		1140	S								

Rush Turnaround Time Requested (TAT) - Prelim
 Date Needed:
 Transmit Prelim Rush Results by (circle):
 Phone #: _____ Fax #: _____ E-Mail: _____
 E-Mail Address: _____

1241 Bellevue St., Suite 9
 Green Bay, WI 54302
 920-469-2438
 FAX 920-469-8827



CHAIN OF CUSTODY

92883

Page 2 of 2
 Mail Report To: Jake Schultz
 Company: Terracon
 Address: 3525 Hoffmeyer Rd E
White Bear Lake, MN 55110

Invoice To: SAME
 Company: SAME
 Address: _____

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Received By:	Date/Time:
1 sample ID's changed	1 1330	13	11/23/12 12:50
1 to different batch	1 1331	1400	11/23/12 12:50
1 between samples with	1 1330	Kendall Mankowski	11/23/12 12:50
1 the same ID	1 1340	11703	0815
1	1 1300	11703	0815
1	1 1220	11703	0815
2	1 1005	11703	0815
1 shipped	1 1330	11703	0815
1 on ice	1 1540	11703	0815
1 + seals	1 1120	11703	0815
1 center	1 1140	11703	0815

Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

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



1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2498
FAX 920-469-8827

525 Science Drive
Madison, WI 53711
808-232-3300
FAX: 608-233-0602

CHAIN OF CUSTODY 92884

Company Name: Terracon P.O. # _____ Quote # _____
 Branch or Location: White Bear Lake Mail Report To: Jake Schultz
 Project Contact: Jade Schultz Company: TERRACON
 Telephone: 651 770 1500 Address: 3535 Hoffman Rd. E
 Project Number: 41027052 Invoice To: SA/ME
 Project Name: COV Address: _____
 Project State: Mn Company: _____
 Sampled By (Print): Matt Baumgartner Address: _____

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

LABORATORY ID # (1-20 are 201)	FIELD ID	Regulatory Program	Matrix Code	COLLECTION		ANALYSES REQUESTED	PRESERVATION (CODE)	FILTERED? (YES/NO)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
				DATE	TIME						
025	OP-TP-3 2'	UST	W-Water	11:00	11:00	X		0	1	Sample IDs changed to 1152-01	
026	NA-TP-3 Pipe	RCRA	S-Soil	1370		X		1	1	Differentiate between samples with the same ID's	
027	OP-TP-5 4'	SOWA	A-Air	11:30		X		1	1	Shuffle samples	
028	OP-TP-1 6'	HPDES	B-Biota	9:50		X		1	1	sub-cool	
029	WWTP-TP-7 8' (A)	CERCLA	SI-Sludge	12:03	8:30	X		1	1	1152-01 / 029	
030	WWTP-TP-7 8'			12:03	8:30	X		1	1	1152-01 / 030	
031	WWTP-TP-7 8'			12:03	8:30	X		1	1	1152-01 / 031	
032	WWTP-TP-6 (0-1)			9:15	8:10	X		1	1	1152-01 / 032	
033	WWTP-TP-10 16' (A)			9:15	8:10	X		1	1	1152-01 / 033	
034	WWTP-TP-10 -12' (A)			8:30		X		1	1	1152-01 / 034	
035	WWTP-TP-7 4'			8:30		X		1	1	1152-01 / 035	
036	WWTP-TP-8 3'			8:30		X		1	1	1152-01 / 036	

Requisitioned By: [Signature] Date/Time: 12/13/03 13:30
 Rush Turnaround Time Requested (RAT) - Prelim (Rush RAT subject to approval/surcharge)
 Date Needed: _____
 Transmit Prelim Rush Results by (circle):
 Phone _____ Fax _____ E-Mail _____
 Phone # _____
 Fax # _____
 E-Mail Address: _____
 Received By: [Signature] Date/Time: 1/7/03 08:15
 Received By: 1400 Date/Time: 1/7/03 08:15
 Received By: [Signature] Date/Time: 1/7/03 08:15
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

En Chem Project No: 830290
 Sample Receipt Temp: 3.0°C
 Sample Receipt Date/Time: 1/7/03 08:15
 Cooler Output Seal: Present / Not Present
 Unintact / Not Intact: _____



CHAIN OF CUSTODY

Page 4 of 8

P.O. # _____ Quote # _____

Mail Report To: Jade Schultz

Company: Feracem

Address: 3535 Hoffman Rd E

White Bear Lake, MN 55120

Invoice To: Sonal

Company: _____

Address: _____

625 Science Drive
Madison, WI 53711
608-292-3300
FAX: 608-299-0602

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

92885

F-Methanol G-NaOH
D-HNO3 E-Encore
L-Sodium Thiosulfate J-Dibut

Preservation Codes

A=None B-HCL C=I2S04
H = Sodium Bisulfate Solution

FILTERED? (YES/NO)

PRESERVATION (CODE)

ANALYSES REQUESTED
RC (CA) Metals
N-Trace
Semi Volatiles
Volatile Organics
TOTAL # OF BOTTLES SENT

LABORATORY ID	FIELD ID	COLLECTION		Regulatory Program	Matrix Codes
		DATE	TIME		
0055	B6-TP-6 (0-1)	12/16/03	145	UST	S
0056	B6-TP-6 (2)	12/16/03	145	RCRA	S
0057	B6-TP-5 (1A)	12/16/03	145	SDWA	S
0058	B6-TP-4 (0-1)	12/16/03	145	NPDDES	S
0059	B6-TP-4 (8)	12/16/03	145	CERCLA	S
0060	B6-TP-7 (0-1)	12/16/03	145		S
0061	B6-TP-3 (0-1)	12/16/03	145		S
0062	B6-TP-3 (8)	12/16/03	145		S
0063	B6-TP-18 (0-1)	12/20/03	1200		S
0064	B6-TP-18 (4-5)	12/20/03	1220		S
0065	B6-TP-13 (0-1)	12/20/03	1250		S
0066	B6-TP-16 (0-1)	12/20/03	1150		S

Matrix Codes: W-Water, S-Soil, A-Air, C-Charcoal, B-Bioa, SI-Sludge

LABORATORY ID	FIELD ID	COLLECTION		Regulatory Program	Matrix Codes	ANALYSES REQUESTED	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
		DATE	TIME					
0055	B6-TP-6 (0-1)	12/16/03	145	UST	S			
0056	B6-TP-6 (2)	12/16/03	145	RCRA	S		HOLD	
0057	B6-TP-5 (1A)	12/16/03	145	SDWA	S		low per 1/16/03	
0058	B6-TP-4 (0-1)	12/16/03	145	NPDDES	S		HOLD	
0059	B6-TP-4 (8)	12/16/03	145	CERCLA	S		HOLD	
0060	B6-TP-7 (0-1)	12/16/03	145		S		HOLD	
0061	B6-TP-3 (0-1)	12/16/03	145		S		HOLD	
0062	B6-TP-3 (8)	12/16/03	145		S		HOLD	
0063	B6-TP-18 (0-1)	12/20/03	1200		S		HOLD	1802 Amber 1/24/02 Pcy
0064	B6-TP-18 (4-5)	12/20/03	1220		S		HOLD	1/16/02 Pcy
0065	B6-TP-13 (0-1)	12/20/03	1250		S		shipped on ice +	
0066	B6-TP-16 (0-1)	12/20/03	1150		S		Sealed with	

Rush Turnaround Time Requested (RT) - Prelim
(Rush TAT subject to approval/surcharge)

Date Needed: _____

Transmit Prelim Rush Results by (circle):
Phone _____ Fax _____ E-Mail _____

Phone #: _____
Fax #: _____
E-Mail Address: _____

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

Received By: John Date/Time: _____
Received By: 600 Date/Time: _____
Received By: Duh Date/Time: _____
Received By: 11/7/03 Date/Time: 0815
Received By: 11/7/03 Date/Time: 0815
Received By: _____ Date/Time: _____

En Chem Project No: 830290
Sample Receipt Temp: 3.0 C
Sample Receipt Method: NA
Cooler Clarity Seal: Present
Present (Not Present) Impact (No Impact)

Company Name: Feracem
Branch or Location: White Bear Lake, Mn
Project Contact: Jade Schultz
Telephone: 651 770 1500
Project Number: 44027052
Project Name: 60w
Project State: MN
Sampled By (Print): Matt Baumgardner

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

(Please Print Legibly)
 Company Name: Feracou
 Branch of Location: White Bear Lake, MN
 Project Contact: Jade Schultz
 Telephone: 651-770-1500
 Project Number: 41022052
 Project Name: 60W
 Project State: MN
 Sampled By (Print): Matt Baumgarten

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

CHAIN OF CUSTODY 92905
 Page 5 of 8
 P.O. # _____ Quote # _____
 Mail Report To: Jade Schultz
 Company: Feracou
 Address: 3535 Hoffman Rd E
White Bear Lake, MN 55120
 Invoice To: SEA Inc
 Company: _____
 Address: _____

ANALYSES REQUESTED
 PCB
 Moisture
 Volatile
 Semi-Volatile
 HAPs
 PCRB
 PBT
 A-Matrix
 B-Matrix
 C-Matrix
 D-Matrix
 E-Matrix
 F-Matrix
 G-Matrix
 H-Matrix
 I-Matrix
 J-Matrix
 K-Matrix
 L-Matrix
 M-Matrix
 N-Matrix
 O-Matrix
 P-Matrix
 Q-Matrix
 R-Matrix
 S-Matrix
 T-Matrix
 U-Matrix
 V-Matrix
 W-Matrix
 X-Matrix
 Y-Matrix
 Z-Matrix
 AA-Matrix
 AB-Matrix
 AC-Matrix
 AD-Matrix
 AE-Matrix
 AF-Matrix
 AG-Matrix
 AH-Matrix
 AI-Matrix
 AJ-Matrix
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 AP-Matrix
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 BC-Matrix
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 BS-Matrix
 BT-Matrix
 BU-Matrix
 BV-Matrix
 BW-Matrix
 BX-Matrix
 BY-Matrix
 BZ-Matrix
 CA-Matrix
 CB-Matrix
 CC-Matrix
 CD-Matrix
 CE-Matrix
 CF-Matrix
 CG-Matrix
 CH-Matrix
 CI-Matrix
 CJ-Matrix
 CK-Matrix
 CL-Matrix
 CM-Matrix
 CN-Matrix
 CO-Matrix
 CP-Matrix
 CQ-Matrix
 CR-Matrix
 CS-Matrix
 CT-Matrix
 CU-Matrix
 CV-Matrix
 CW-Matrix
 CX-Matrix
 CY-Matrix
 CZ-Matrix
 DA-Matrix
 DB-Matrix
 DC-Matrix
 DD-Matrix
 DE-Matrix
 DF-Matrix
 DG-Matrix
 DH-Matrix
 DI-Matrix
 DJ-Matrix
 DK-Matrix
 DL-Matrix
 DM-Matrix
 DN-Matrix
 DO-Matrix
 DP-Matrix
 DQ-Matrix
 DR-Matrix
 DS-Matrix
 DT-Matrix
 DU-Matrix
 DV-Matrix
 DW-Matrix
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 EV-Matrix
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 NA-Matrix
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 PU-Matrix
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 VO-Matrix
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 VQ-Matrix
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 VS-Matrix
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 VV-Matrix
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 ZQ-Matrix
 ZR-Matrix
 ZS-Matrix
 ZT-Matrix
 ZU-Matrix
 ZV-Matrix
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 ZY-Matrix
 ZZ-Matrix

LABORATORY ID (PLEASE PRINT)	FIELD ID	Regulatory Program	Matrix Code	COLLECTION		DATE	TIME	MATRIX	ANALYSES REQUESTED	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
				DATE	TIME						
047	B6-TP-15 (0-1)	UST RCRA SDWA NDES CERCLA	W-Water S-Soil A-Air C-Charcoal B-Biota SI-Sludge			12/24/03	11:35	S	X		
048	B6-TP-15 (0-1)					12/24/03	11:35	S	X		
049	B6-TP-14 (0-1)					11/15		S	X		
050	B6-TP-11 (0-1)					10/20		S	X		
051	B6-TP-12 wood					10/20		S	X		
052	B6-TP-13 pulsed solvent					10/20		S	X		
053	B6-TP-12 pulsed solvent					10/20		S	X		
054	B6-TP-10 wood					10/20		S	X		
055	B6-TP-10 (0-1)					10/20		S	X		
056	B6-TP-10 (0-1)					10/20		S	X		
057	B6-TP-9 (0-1)					10/20		S	X		

En Chem Project No: 830290
 Sample Receipt Temp: 3.0°C
 Sample Receipt Date: 1/7/03
 Sample Receipt Location: MA
 Sample Receipt Facility: SEA Inc
 Sample Receipt Contact: Jade Schultz
 Sample Receipt Phone: 920-469-2436
 Sample Receipt Fax: 920-469-8827

CHAIN OF CUSTODY

Received By:	Date/Time:
<u>Michelle R. Smith</u>	<u>1/23/03 13:20</u>
<u>Don</u>	<u>1/10/03</u>
<u>Michelle R. Smith</u>	<u>1/7/03 08:15</u>
<u>Don</u>	<u>1/7/03 08:15</u>
<u>Michelle R. Smith</u>	<u>1/7/03 08:15</u>
<u>Don</u>	<u>1/7/03 08:15</u>
<u>Michelle R. Smith</u>	<u>1/7/03 08:15</u>
<u>Don</u>	<u>1/7/03 08:15</u>

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

(Please Print Legibly)

Company Name: PetraCan
 Branch or Location: White Bear Lake, MN
 Project Contact: Jack Schultz
 Telephone: 6517701500
 Project Number: 41027052
 Project Name: GOW
 Project State: MN
 Sampled By (Print): Matt Dunning

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

LABORATORY ID (See Lab Only)	FIELD ID	COLLECTION		Regulatory Program	Matrix Codes
		DATE	TIME		
069	WWTP-TP-10 15' (B)	12/03	9:15	UST RCRA SDWA NPDES CERCLA	S
070	WWTP-TP-14 (C-1)	12/03	11:10		S
071	WWTP-TP-14 (C-2)	12/03	11:00		S
072	WWTP-TP-12 Jar	12/03	10:00		S
073	WWTP-TP-12 Jar	12/03	10:00		S
074	WWTP-TP-12 Jar	12/03	13:00		S
075	WWTP-TP-13 (C-1)	12/03	11:00		S
076	WWTP-TP-12 Slag	12/03	10:00		S
077	WWTP-TP-11 10' (A)	12/03	9:25		S
078	WWTP-TP-2A 0-2'	12/03	13:00		S
079	WWTP-TP-2B 2' (B)	12/03	13:00		S

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

CHAIN OF CUSTODY 95354
 Page 7 of 8
 P.C. # _____ Quote # _____
 Mail Report To: _____
 Company: _____
 Address: _____
 Invoice To: _____
 Company: _____
 Address: _____
 Mail Invoice To: _____

ANALYSES REQUESTED
 KCH-Metals
 ORA
 PCTZ
 FT + Metals
 SM/Trace
 TOTAL # OF BOTTLES SENT

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
1 Sample ID's changed to 1-802 Amber	1-802 Amber / 031
2 different bottles before sampled with the same ID	1-802 Amber, 1-202A, 1-402 Poly
2 ORA	2-802 Amber
4 + cooler	2-802 Amber, 1-202A, 1-402 Poly / 080
4 Sealed	2-802 Amber / 081
3	2-802 Amber, 1-402 Poly
4	2-802 Amber, 1-202A, 1-402 Poly / 083
Collection date is 1-402 Poly	1-402 Poly
12/13 from sample	2-802 Amber, 1-202A, 1-402 Poly / 082
ALL	830290
	Sample Receipt Temp: 3.0°C
	Sample Receipt pH: NA
	Cooler Category Seal: Present / Not Present / Intact / Not Intact

En Chem Project No. 830290
 Date/Time: 1/30/2003
 Received By: Dink
 Date/Time: 1/30/2003
 Relinquished By: Dunning
 Date/Time: 1/7/03
 Relinquished By: Dunning
 Date/Time: 0815
 Relinquished By: Dunning
 Date/Time: 0815
 Relinquished By: Dunning
 Date/Time: 0815
 Relinquished By: Dunning
 Date/Time: 0815

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



1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-465-2438
FAX 920-469-9627

525 Science Drive
Madison, WI 53711
808-232-3300
FAX: 608-233-0502

Company Name: LePuccio
Branch or Location: White Bear Lake, Mn
Project Contact: Sade Schultz
Telephone: 651 770 1500
Project Number: 41027052
Project Name: GCW
Project State: Mn
Sampled By (Print): Matt Baumgartner

Company: LePuccio
Address: 3535 Hi-Fran Blvd
White Bear Lake, Mn 55110

Company: S&P
Address: _____
Invoice To: _____
Mail Invoice To: _____

Page 8 of 8
P.O. # _____ Quote # _____
Mail Report To: Sade Schultz
Company: LePuccio
Address: 3535 Hi-Fran Blvd
White Bear Lake, Mn 55110

Preservation Codes:
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other
FILTERED? (YES/NO) _____
PRESERVATION (CODE) _____

ANALYSES REQUESTED
VOC
SVOCS
Metals
Minerals

CHAIN OF CUSTODY
92870

TOTAL # OF BOTTLES SENT

LAB COMMENTS
(Lab Use Only)

LABORATORY USE ONLY	FIELD ID	COLLECTION DATE	TIME	MATRIX	REGULATORY PROGRAM	DATA PACKAGE OPTIONS	RESULTS	CLIENT COMMENTS	LAB COMMENTS
	WWTP-TP-17A-B-2 (B)	12/20/03	1500	S	UST		X		
	WWTP-TP-D (0-1)	12/20/03	1100	S	RCRA		X	Shipped	
	WWTP-TP-D (0-5)	12/20/03	1000	S	SDWA		X		
	WWTP-TP-D (0-5)	12/20/03	9:25	S	NFDES		X		
	WWTP-TP-D (0-5)	12/20/03	12:30	S	CERCLA		X		
	WWTP-TP-20-2 (B)	12/20/03	13:20	S			X	on ice	
	WWTP-TP-24 (0-1)	12/20/03	14:10	S			X		
	WWTP-TP-19 (2)	12/20/03	13:20	S			X	+ Cools	
	WWTP-TP-23 (0-1)	12/20/03	14:00	S			X	Sealed	
	BG-TP-1 (0-1)	12/20/03	13:35	S			X		
	BG-TP-1 4'	12/20/03	13:35	S			X		

Received By: _____ Date/Time: _____

Relinquished By: Matt Baumgartner Date/Time: 12/30/03 13:30

Received By: 1600 Date/Time: _____

Relinquished By: Matt Baumgartner Date/Time: 11/7/03 08:15

Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

En Chem Project No: 850290

Sample Receipt Temp: 30°C

Sample Receipt Method: M/A

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

En Chem Project No: _____

Sample Receipt Temp: _____

Sample Receipt Method: _____

Color/Clarity: _____

Present: _____

Integrity: _____

En Chem Project No: _____

Sample Receipt Temp: _____

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client: TERRACON ENVIRONMENTAL

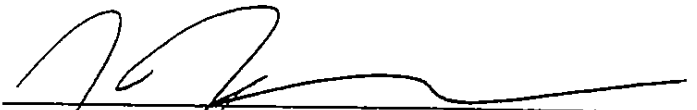
MDH LAB ID : 055-999-334


Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
830290-001	WWTP-TP-1C	12/30/02	830290-023	OP-TP-6 WEST CULVERT	12/30/02
830290-002	WWTP-TP-4 SURFACE	12/30/02	830290-024	OP-TP-6 EAST CULVERT	12/30/02
830290-003	WWTP-TP-2C	12/30/02	830290-025	OP-TP-3 2'	12/30/02
830290-004	NA-TP-3 GASGET (A)	12/30/02	830290-026	NA-TP-3 PIPE	12/30/02
830290-005	NA-TP-3 WOOD	12/30/02	830290-027	OP-TP-5 4'	12/30/02
830290-006	NA-TP-3 BRICK MORTER (A)	12/30/02	830290-028	OP-TP-1 6'	12/30/02
830290-007	OP-TP-2A (0-1)	12/30/02	830290-029	WWTP-TP-7 8' (A)	1/2/03
830290-008	OP-TP-2 4' (A)	12/30/02	830290-030	WWTP-TP-6 (0-1)'	1/2/03
830290-009	OP-TP-1 (1-1.5)	12/30/02	830290-031	WWTP-TP-10 15' (A)	1/2/03
830290-010	OP-TP-1 (1.5-2)	12/30/02	830290-032	WWTP-TP-10-12' (A)	1/2/03
830290-011	OP-TP-1 (0-1)	12/30/02	830290-033	WWTP-TP-7 4'	1/2/03
830290-012	OP-TP-2 (0-1)	12/30/02	830290-034	WWTP-TP-8 2'	1/2/03
830290-013	NA-TP-1 PIPE 4'	12/30/02	830290-035	BG-TP-6 (0-1)	12/31/02
830290-014	NA-TP-2 2'	12/30/02	830290-036	BG-TP-6 (8')	12/31/02
830290-015	NA-TP-3 (0-1)'	12/30/02	830290-037	BG-TP-5 (12')	12/31/02
830290-016	NA-TP-4 DRY WELL	12/30/02	830290-038	BG-TP-4 (0-1)'	12/31/02
830290-017	NA TP-2 (0-1)' (B)	12/30/02	830290-039	BG-TP-4 (8')	12/31/02
830290-018	NA TP-3 BRICK MORTER (B)	12/30/02	830290-040	BG-TP-7 (0-1)'	12/31/02
830290-019	OP-TP-2 4' (B)	12/30/02	830290-041	BG-TP-3 (0-1)	12/31/02
830290-020	NA-TP-3 GASGET (B)	12/30/02	830290-042	BG-TP-3 (8')	12/31/02
830290-021	WWTP-TP-3 SURFACE	12/30/02	830290-043	BG-TP-18 (0-1)	12/31/02
830290-022	OP-TP-4 6'	12/30/02	830290-044	BG-TP-18 (4-5)'	12/31/02

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Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.


Approval Signature


Date

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client: TERRACON ENVIRONMENTAL

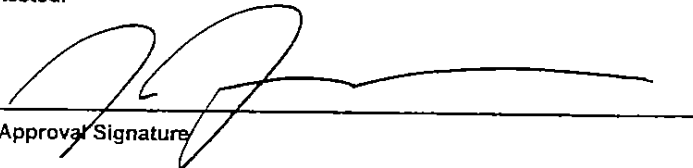
MDH LAB ID : 055-999-334

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
830290-045	BG-TP-13 (0-1)'	12/31/02	830290-068	WWTP-TP-7 8' (B)	1/2/03
830290-046	BG-TP-16 (0-1)'	12/31/02	830290-069	WWTP-TP-10 15' (B)	1/2/03
830290-047	BG-TP-15 WOOD	12/31/02	830290-070	WWTP-TP-14 (0-2)'	1/2/03
830290-048	BG-TP-15 (0-1)' (A)	12/31/02	830290-071	WWTP-TP-12 TAR	1/2/03
830290-049	BG-TP-14 (0-1)	12/31/02	830290-072	WWTP-TP-12 ELETICE INSULAT	1/2/03
830290-050	BG-TP-11 (0-1)	12/31/02	830290-073	WWTP-TP-17+18 2' (A)	1/2/03
830290-051	BG-TP-12 WOOD	12/31/02	830290-074	WWTP-TP-13 (0-1) (A)	1/2/03
830290-052	BG-TP-12 BELOW CALVERT	12/31/02	830290-075	WWTP-TP-12 4-5 TRASH P12 (A)	1/2/03
830290-053	BG-TP-12 INSIDE CALVERT	12/31/02	830290-076	WWTP-TP-12 SLAG	1/2/03
830290-054	BG-TP-10 WOOD	12/31/02	830290-077	WWTP-TP-11 10' (A)	1/2/03
830290-055	BG-TP-10 (3-4)'	12/31/02	830290-078	WWTP-TP-22 0-2	1/2/03
830290-056	BG-TP-10 (0-1)' (A)	12/31/02	830290-079	WWTP-TP-20 2' (B)	1/2/03
830290-057	BG-TP-9 (0-1)'	12/31/02	830290-080	WWTP-TP-17+18 2' (B)	1/2/03
830290-058	BG-TP-15 (0-1)' (B)	12/31/02	830290-081	WWTP-TP-13 (0-1) (B)	1/2/03
830290-059	BG-TP-12 BELOW CALVERT (B)	12/31/02	830290-082	WWTP-TP-12 (4-5) TRASH P12 (1/2/03
830290-060	BG-TP-10 (0-1)' (B)	12/31/02	830290-083	WWTP-TP-11 10' (B)	1/2/03
830290-061	BG-TP-8 5'	12/31/02	830290-084	WWTP-TP-20 2' (B)	1/2/03
830290-062	BG-TP-8 (0-1)'	12/31/02	830290-085	WWTP-TP-24 (0-1)	1/2/03
830290-063	BG-TP-8 (0-1)'	12/31/02	830290-086	WWTP-TP-19 (2)	1/2/03
830290-064	BG-TP-2 (6')	12/31/02	830290-087	WWTP-TP-23 (0-1)	12/31/02
830290-065	WWTP-TP-13 1-2'	1/2/03	830290-088	BG-TP-1 (0-1)	12/31/02
830290-066	WWTP-TP-5 8'	1/2/03	830290-089	BG-TP-1 4'	12/31/02
830290-067	WWTP-TP-10 12' (B)	1/2/03			

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Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.

Approval Signature 

Date 2/17/03

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

Lab#:	TestGroupID:	Comment:
830290-	M-SE-S	A - Analyte is detected in the method blank at a concentration of -0.09 mg/kg. For samples prep on 2-5-2003.
830290-004	TCLSV-S NA-TP-3 GASGET (A)	Elevated detection limit due to sample matrix. Sample was not able to be concentrated to normal 1.0mL.
830290-006	TCLSV-S NA-TP-3 BRICK MORTER (A)	Internal Standard failure low, this was due to sample matrix and was confirmed by the initial analysis on 1/14/2002.
	TCLSV-S	Elevated detection limit due to sample matrix. Sample was not able to be concentrated to normal 1.0mL.
830290-008	W-NO3-S OP-TP-2 4' (A)	H - Analysis performed 15 days past holding time.
830290-013	W-NO3-S NA-TP-1 PIPE 4'	H - Analysis performed 15 days past holding time.
830290-015	W-NO3-S NA-TP-3 (0-1)'	H - Analysis performed 15 days past holding time.
830290-017	W-NO3-S NA TP-2 (0-1)' (B)	H - Analysis performed 15 days past holding time.
830290-018	DRO-S NA TP-3 BRICK MORTER (B)	DRO response was not in the upper half of the curve due to the high concentration of late eluting hydrocarbons.
	DRO-S	Late eluting peaks were present outside the window of analysis.
830290-019	DRO-S OP-TP-2 4' (B)	Late eluting hump along with diesel range peaks were present in the chromatogram.
830290-020	DRO-S NA-TP-3 GASGET (B)	Late eluting peaks were present outside the window of analysis.
	DRO-S	DRO response was not in the upper half of the curve due to the high concentration of late eluting hydrocarbons.
830290-029	W-NO3-S WWTP-TP-7 8' (A)	H - Analysis performed 12 days past holding time.
830290-030	M-HG-S WWTP-TP-6 (0-1)'	H - Analysis performed 6 days past holding time.
830290-033	M-HG-S WWTP-TP-7 4'	H - Analysis performed 6 days past holding time.
830290-034	M-HG-S WWTP-TP-8 2'	H - Analysis performed 6 days past holding time.
830290-036	M-HG-S BG-TP-6 (8')	H - Analysis performed 9 days past holding time.
830290-039	M-HG-S BG-TP-4 (8')	H - Analysis performed 9 days past holding time.
830290-042	M-HG-S BG-TP-3 (8')	H - Analysis performed 9 days past holding time.
830290-043	W-NO3-S BG-TP-18 (0-1)	H - Analysis performed 14 days past holding time.
830290-044	M-HG-S BG-TP-18 (4-5)'	H - Analysis performed 9 days past holding time.

Lab#:	TestGroupID:	Comment:
830290-048	W-NO3-S BG-TP-15 (0-1)' (A)	H - Analysis performed 14 days past holding time.
830290-051	TCLSV-S BG-TP-12 WOOD	Internal Standard failure low, this was due to sample matrix and was confirmed by the initial analysis on 1/14/2002.
830290-052	W-NO3-S BG-TP-12 BELOW CALVERT	H - Analysis performed 14 days past holding time.
830290-053	W-NO3-S BG-TP-12 INSIDE CALVERT TCLSV-S	Internal Standard failure low, this was due to sample matrix and was confirmed by a second analysis on 1/14/2002.
830290-056	W-NO3-S BG-TP-10 (0-1)' (A)	H - Analysis performed 14 days past holding time.
830290-061	M-HG-S BG-TP-8 5'	H - Analysis performed 9 days past holding time.
830290-064	M-HG-S BG-TP-2 (6')	H - Analysis performed 9 days past holding time.
830290-065	M-HG-S WWTP-TP-13 1-2'	H - Analysis performed 6 days past holding time.
830290-066	M-HG-S WWTP-TP-5 3'	H - Analysis performed 6 days past holding time.
830290-073	W-NO3-S WWTP-TP-17+18 2' (A)	H - Analysis performed 12 days past holding time.
830290-074	W-NO3-S WWTP-TP-13 (0-1) (A) DRO-S	Front eluting peaks, late eluting hump and diesel range peaks were present in the chromatogram.
830290-075	DRO-S WWTP-TP-12 4-5 TRASH P12 (Late eluting hump along with diesel range peaks were present in the chromatogram.
830290-076	TCLSV-S WWTP-TP-12 SLAG TCLSV-S	Internal Standard failure low, this was due to sample matrix and was confirmed by a second analysis on 1/14/2002. Elevated detection limit due to sample matrix. Sample was not able to be concentrated to normal 1.0mL.
830290-079	DRO-S WWTP-TP-20 2' (B) W-NO3-S	Hump was present late in chromatogram. H - Analysis performed 12 days past holding time.

Inorganic Data Qualifiers

- A Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- B The analyte has been detected between the method detection limit and the reporting limit.
- C Elevated detection limit due to matrix effects.
- E Estimated concentration due to matrix interferences. During the metals analysis using the inductively coupled plasma (ICP), the serial dilution failed to meet the established control limits of 0-10% and the sample concentration is greater than 50 times the IDL (100 times the IDL for analysis done on the ICP-MS). The result was flagged with the E qualifier to indicate that a physical interference was observed.
- F Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
- H Preservation or analysis performed past holding time.
- K Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
- L Elevated detection limit due to low sample volume.
- N Spiked sample recovery not within control limits.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- U The analyte was not detected above the reporting limit.
- X See sample narrative.
- & Laboratory Control Spike recovery not within control limits.
- * Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.
- 1 Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
- 2 Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
- 3 BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
- 4 BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 5 BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 6 BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 7 BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Organic Data Qualifiers

analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.

elevated detection limit.

analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.

analyte concentration exceeds calibration range.

surrogate results outside control criteria.

extraction or analysis performed past holding time.

qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.

detection limit may be elevated due to the presence of an unrequested analyte.

spiked sample recovery not within control limits.

relative percent difference between the two columns for detected concentrations was greater than 40%.

analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.

analyte was not detected above the reporting limit.

sample received with headspace.

Sample Narrative.

laboratory Control Spike recovery not within control limits.

duplicate analyses not within control limits.

analysis was subcontracted to an approved lab.

analysis was subcontracted to En Chem Green Bay WI Cert. #405132750.

En Chem, Inc. Cooler Receipt Log

Batch No. 830290

Project Name or ID 41027052

No. of Coolers: 5 Temps: 3.0°C

A. Receipt Phase: Date cooler was opened: 1/7/03 By: KAP

- 1: Were samples received on ice? (Must be $\leq 6\text{ C}$)..... YES NO²
- 2: Was there a Temperature Blank?..... YES NO
- 3: Were custody seals present and intact? (Record on COC)..... YES NO
- 4: Are COC documents present?..... YES NO²
- 5: Does this Project require quick turn around analysis?..... YES NO
- 6: Is there any sub-work?..... YES NO
- 7: Are there any short hold time tests?..... YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days)..... YES¹ NO Contacted by/Who _____
- 9: Do any samples need to be Filtered or Preserved in the lab?..... YES¹ NO Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-in: 1/7/03 By: KAP

- 1: Were all sample containers listed on the COC received and intact?..... YES NO² NA
- 2: Sign the COC as received by En Chem. Completed..... YES NO
- 3: Do sample labels match the COC? YES NO²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES NO NA
- 5: Do samples have correct chemical preservation?..... YES NO² NA
- 6: Are dissolved parameters field filtered?..... YES NO² NA
- 7: Are sample volumes adequate for tests requested? YES NO²
- 8: Are VOC samples free of bubbles >6mm YES NO² NA
- 9: Enter samples into logbook. Completed..... YES NO
- 10: Place laboratory sample number on all containers and COC. Completed..... YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed..... YES NO NA
- 14: Check laboratory sample number on all containers and COC. 1/7/03 YES NO NA

Short Hold-time tests:

48 Hours or less	7 days	Footnotes
Coliform (6 hrs)	Flashpoint	1 Notify proper lab group immediately.
Hexavalent Chromium (24 Hrs)	TSS	2 Complete nonconformance memo.
BOD	Total Solids	
Nitrite or Nitrate	TDS	
Low Level Mercury	Sulfide	
Ortho Phosphorus	Free Liquids	
Turbidity	Total Volatile Solids	
Surfactants	Aqueous Extractable Organics- ALL	
Sulfite	Unpreserved VOC's	
En Core Preservation	Ash	
Color		

Rev. 9/5/2001, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date SB 1/8/02

Lab Sample Number	Test Group Name	MDH LAB ID
830290-001	PCB LIST - SOIL	055-999-107
830290-001	PCB-BLANK	055-999-107
830290-003	PCB LIST - SOIL	055-999-107
830290-003	PCB-BLANK	055-999-107
830290-008	TCL SEMIVOLATILE-BLANK	055-999-107
830290-008	TARGET COMPOUND LIST - SEMIVOLATILES	055-999-107
830290-008	PCB LIST - SOIL	055-999-107
830290-008	PCB-BLANK	055-999-107
830290-008	SULFATE, SOLUBLE	055-999-107
830290-008	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-009	SULFATE, SOLUBLE	055-999-107
830290-010	SULFATE, SOLUBLE	055-999-107
830290-011	SULFATE, SOLUBLE	055-999-107
830290-012	SULFATE, SOLUBLE	055-999-107
830290-013	SULFATE, SOLUBLE	055-999-107
830290-013	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-015	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-015	SULFATE, SOLUBLE	055-999-107
830290-017	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-017	SULFATE, SOLUBLE	055-999-107
830290-029	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-029	SULFATE, SOLUBLE	055-999-107
830290-043	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-043	SULFATE, SOLUBLE	055-999-107
830290-048	SULFATE, SOLUBLE	055-999-107
830290-048	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-048	PCB LIST - SOIL	055-999-107
830290-048	PCB-BLANK	055-999-107
830290-052	PCB-BLANK	055-999-107
830290-052	PCB LIST - SOIL	055-999-107
830290-052	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-052	SULFATE, SOLUBLE	055-999-107
830290-053	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-053	SULFATE, SOLUBLE	055-999-107
830290-056	PCB-BLANK	055-999-107
830290-056	PCB LIST - SOIL	055-999-107
830290-056	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-056	SULFATE, SOLUBLE	055-999-107
830290-068	PCB LIST - SOIL	055-999-107
830290-068	PCB-BLANK	055-999-107
830290-071	PCB LIST - SOIL	055-999-107

En Chem Inc.

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Lab Sample Number	Test Group Name	MDH LAB ID
830290-071	PCB-BLANK	055-999-107
830290-072	PCB-BLANK	055-999-107
830290-072	PCB LIST - SOIL	055-999-107
830290-073	PCB LIST - SOIL	055-999-107
830290-073	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-073	SULFATE, SOLUBLE	055-999-107
830290-073	PCB-BLANK	055-999-107
830290-074	PCB-BLANK	055-999-107
830290-074	PCB LIST - SOIL	055-999-107
830290-074	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-074	SULFATE, SOLUBLE	055-999-107
830290-075	PCB-BLANK	055-999-107
830290-075	PCB LIST - SOIL	055-999-107
830290-076	PCB-BLANK	055-999-107
830290-076	PCB LIST - SOIL	055-999-107
830290-077	PCB-BLANK	055-999-107
830290-077	PCB LIST - SOIL	055-999-107
830290-079	PCB-BLANK	055-999-107
830290-079	PCB LIST - SOIL	055-999-107
830290-079	NITROGEN, NITRATE, SOLUBLE	055-999-107
830290-079	SULFATE, SOLUBLE	055-999-107

- Analytical Report -

Project Name : GOW
 Project Number : 41027052 Client : TERRACON ENVIRONMENTAL
 Field ID : WWTP-TP-1C Report Date : 2/13/03
 Lab Sample Number : 830290-001 Collection Date : 12/30/02
 MDH LAB ID : 055-999-334 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	91.7		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL Prep Method: SW846 3550 Prep Date: 1/10/03 Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	83	—	%Recov		1/23/03	SW846 8082
Aroclor 1016	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1221	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1232	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1242	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1248	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1254	< 55	55	ug/kg		1/23/03	SW846 8082
Aroclor 1260	300	55	ug/kg		1/23/03	SW846 8082
Decachlorobiphenyl (ss)	74	—	%Recov		1/23/03	SW846 8082

Organic Results

PCB-BLANK Prep Method: SW846 3545 Prep Date: 1/27/03 Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
Project Number : 41027052
Field ID : WWTP-TP-4 SURFACE
Lab Sample Number : 830290-002
MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
Report Date : 2/13/03
Collection Date : 12/30/02
Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.3	1.0	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	14	0.51	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.11	0.10	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	4.0	0.31	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	8.6	0.51	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.51	0.51	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	97.5		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES
Prep Method: SW846 3545
Prep Date: 1/8/03
Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	63	—	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	77	—	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	63	—	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	69	—	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	65	—	%Recov		1/10/03	SW846 8270C
Nitrobenzene-d5	68	—	%Recov		1/10/03	SW846 8270C
Phenol-d5	63	—	%Recov		1/10/03	SW846 8270C
Terphenyl-d14	69	—	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 850	850	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 850	850	ug/kg		1/10/03	SW846 8270C
Anthracene	< 340	340	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 340	340	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 340	340	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 340	340	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 340	340	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 340	340	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 340	340	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-2C

Lab Sample Number : 830290-003

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	87.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	83	—	%Recov		1/23/03	SW846 8082
Aroclor 1016	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1221	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1232	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1242	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1248	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1254	< 57	57	ug/kg		1/23/03	SW846 8082
Aroclor 1260	110	57	ug/kg		1/23/03	SW846 8082
Decachlorobiphenyl (ss)	78	—	%Recov		1/23/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 GASGET (A)

Lab Sample Number : 830290-004

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	58.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
Nitrobenzene-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
Terphenyl-d14	NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	< 850000	850000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 850000	850000	ug/kg		1/14/03	SW846 8270C
Anthracene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 340000	340000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 340000	340000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 340000	340000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : NA-TP-3 GASGET (A)

Report Date : 2/13/03

Lab Sample Number : 830290-004

Collection Date : 12/30/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2-Chloronaphthalene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 850000	850000	ug/kg		1/14/03	SW846 8270C
Chrysene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 340000	340000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 340000	340000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 850000	850000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Fluorene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 690000	690000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 690000	690000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 340000	340000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 340000	340000	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 340000	340000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 850000	850000	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 850000	850000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 GASGET (A)

Lab Sample Number : 830290-004

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

2-Nitroaniline	< 340000	340000	ug/kg	1/14/03	SW846 8270C
Nitrobenzene	< 340000	340000	ug/kg	1/14/03	SW846 8270C
4-Nitrophenol	< 850000	850000	ug/kg	1/14/03	SW846 8270C
2-Nitrophenol	< 340000	340000	ug/kg	1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 340000	340000	ug/kg	1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 340000	340000	ug/kg	1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 340000	340000	ug/kg	1/14/03	SW846 8270C
Pentachlorophenol	< 850000	850000	ug/kg	1/14/03	SW846 8270C
Phenanthrene	< 340000	340000	ug/kg	1/14/03	SW846 8270C
Phenol	< 340000	340000	ug/kg	1/14/03	SW846 8270C
Pyrene	< 340000	340000	ug/kg	1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 340000	340000	ug/kg	1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 850000	850000	ug/kg	1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 340000	340000	ug/kg	1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 WOOD

Lab Sample Number : 830290-005

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	32.5		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	58	—	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	70	—	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	61	—	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	66	—	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	63	—	%Recov		1/10/03	SW846 8270C
Nitrobenzene-d5	67	—	%Recov		1/10/03	SW846 8270C
Phenol-d5	56	—	%Recov		1/10/03	SW846 8270C
Terphenyl-d14	72	—	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 26000	26000	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 26000	26000	ug/kg		1/10/03	SW846 8270C
Anthracene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Carbazole	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4-Chloro-3-methylphenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4-Chloroaniline	< 10000	10000	ug/kg	&	1/10/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 10000	10000	ug/kg		1/10/03	SW846 8270C
bis(2-Chloroethyl)ether	< 10000	10000	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 WOOD

Lab Sample Number : 830290-005

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

2-Chloronaphthalene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
2-Chlorophenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 26000	26000	ug/kg		1/10/03	SW846 8270C
Chrysene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Dibenzo(a,h)anthracene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Dibenzofuran	< 10000	10000	ug/kg		1/10/03	SW846 8270C
1,3-Dichlorobenzene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
1,4-Dichlorobenzene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
1,2-Dichlorobenzene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
3,3-Dichlorobenzidine	< 10000	10000	ug/kg	&	1/10/03	SW846 8270C
2,4-Dichlorophenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Diethylphthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
2,4-Dimethylphenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Dimethylphthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrophenol	< 26000	26000	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrotoluene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
2,6-Dinitrotoluene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Di-n-butylphthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Di-n-octylphthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Fluoranthene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Fluorene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Hexachlorobenzene	< 21000	21000	ug/kg		1/10/03	SW846 8270C
Hexachlorobutadiene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Hexachlorocyclopentadiene	< 21000	21000	ug/kg	&	1/10/03	SW846 8270C
Hexachloroethane	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Isophorone	< 10000	10000	ug/kg	&	1/10/03	SW846 8270C
2-Methylnaphthalene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
2-Methylphenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
4-Methylphenol	< 10000	10000	ug/kg		1/10/03	SW846 8270C
Naphthalene	< 10000	10000	ug/kg		1/10/03	SW846 8270C
3-Nitroaniline	< 26000	26000	ug/kg	&	1/10/03	SW846 8270C
4-Nitroaniline	< 26000	26000	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 WOOD

Lab Sample Number : 830290-005

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

2-Nitroaniline	< 10000	10000	ug/kg	1/10/03	SW846 8270C
Nitrobenzene	< 10000	10000	ug/kg	1/10/03	SW846 8270C
4-Nitrophenol	< 26000	26000	ug/kg	1/10/03	SW846 8270C
2-Nitrophenol	< 10000	10000	ug/kg	1/10/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 10000	10000	ug/kg	1/10/03	SW846 8270C
N-Nitrosodiphenylamine	< 10000	10000	ug/kg	1/10/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 10000	10000	ug/kg	1/10/03	SW846 8270C
Pentachlorophenol	< 26000	26000	ug/kg	1/10/03	SW846 8270C
Phenanthrene	< 10000	10000	ug/kg	1/10/03	SW846 8270C
Phenol	< 10000	10000	ug/kg	1/10/03	SW846 8270C
Pyrene	< 10000	10000	ug/kg	1/10/03	SW846 8270C
1,2,4-Trichlorobenzene	< 10000	10000	ug/kg	1/10/03	SW846 8270C
2,4,5-Trichlorophenol	< 26000	26000	ug/kg	1/10/03	SW846 8270C
2,4,6-Trichlorophenol	< 10000	10000	ug/kg	1/10/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 BRICK MORTER (A)

Lab Sample Number : 830290-006

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	< 0.99	0.99	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	0.91	0.50	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	< 0.099	0.099	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	0.30	0.30	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	0.66	0.50	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	< 0.0100	0.0100	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 0.99	0.99	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.50	0.50	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	100		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	< NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	< NA	—	%Recov	D	1/14/03	SW846 8270C
Nitrobenzene-d5	< NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	< NA	—	%Recov	D	1/14/03	SW846 8270C
Terphenyl-d14	< NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	< 660000	660000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 660000	660000	ug/kg		1/14/03	SW846 8270C
Anthracene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 260000	260000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : NA-TP-3 BRICK MORTER (A)

Report Date : 2/13/03

Lab Sample Number : 830290-006

Collection Date : 12/30/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Butylbenzylphthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 260000	260000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 260000	260000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 660000	660000	ug/kg		1/14/03	SW846 8270C
Chrysene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 260000	260000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 260000	260000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 660000	660000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Fluorene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 540000	540000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 540000	540000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 260000	260000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : NA-TP-3 BRICK MORTER (A)

Report Date : 2/13/03

Lab Sample Number : 830290-006

Collection Date : 12/30/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Isophorone	< 260000	260000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 660000	660000	ug/kg		1/14/03	SW846 8270C
4-Nitroaniline	< 660000	660000	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 660000	660000	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 260000	260000	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 660000	660000	ug/kg		1/14/03	SW846 8270C
Phenanthrene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Phenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C
Pyrene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 260000	260000	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 660000	660000	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 260000	260000	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2A (0-1)

Lab Sample Number : 830290-007

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	7.6	1.4	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	130	0.70	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.26	0.14	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	25	0.42	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	10	0.70	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.047	0.014	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.4	1.4	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.70	0.70	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	71.1		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	61	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	76	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	68	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	66	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	69	—	%Recov		1/14/03	SW846 8270C
Nitrobenzene-d5	76	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	81	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	84	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 1200	1200	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 1200	1200	ug/kg		1/14/03	SW846 8270C
Anthracene	< 460	460	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 460	460	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 460	460	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 460	460	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 460	460	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 460	460	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : OP-TP-2A (0-1)

Report Date : 2/13/03

Lab Sample Number : 830290-007

Collection Date : 12/30/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Butylbenzylphthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
Carbazole	< 460	460	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 460	460	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 460	460	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 460	460	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 460	460	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1200	1200	ug/kg		1/14/03	SW846 8270C
Chrysene	< 460	460	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 460	460	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 460	460	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 460	460	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 460	460	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 460	460	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 460	460	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 460	460	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 460	460	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 460	460	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 1200	1200	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 460	460	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 460	460	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 460	460	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 460	460	ug/kg		1/14/03	SW846 8270C
Fluorene	< 460	460	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 940	940	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 460	460	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 940	940	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 460	460	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : OP-TP-2A (0-1)

Report Date : 2/13/03

Lab Sample Number : 830290-007

Collection Date : 12/30/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Isophorone	< 460	460	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 460	460	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 460	460	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 460	460	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 1200	1200	ug/kg		1/14/03	SW846 8270C
4-Nitroaniline	< 1200	1200	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 460	460	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 460	460	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 1200	1200	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 460	460	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 460	460	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 460	460	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 460	460	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 1200	1200	ug/kg		1/14/03	SW846 8270C
Phenanthrene	< 460	460	ug/kg		1/14/03	SW846 8270C
Phenol	< 460	460	ug/kg		1/14/03	SW846 8270C
Pyrene	< 460	460	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 460	460	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 1200	1200	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 460	460	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (A)

Lab Sample Number : 830290-008

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.4	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	33	0.62	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	< 0.12	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	9.5	0.37	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	4.1	0.62	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.047	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.62	0.62	mg/Kg		1/30/03	SW846 3050B	SW846 6020
pH, Laboratory	4.0		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	81.2		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.1	3.1	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	12000	990	mg/Kg		1/15/03	EPA 300.0	EPA 300.0

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	72	—	%Recov		1/30/03	SW846 8082
Aroclor 1016	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1221	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1232	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1242	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1248	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1254	< 62	62	ug/kg		1/30/03	SW846 8082
Aroclor 1260	< 62	62	ug/kg		1/30/03	SW846 8082
Decachlorobiphenyl (ss)	70	—	%Recov		1/30/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (A)

Lab Sample Number : 830290-008

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	62	—	%Recov		2/7/03	SW846 8270C
Terphenyl-d14	113	—	%Recov		2/7/03	SW846 8270C
Phenol-d5	97	—	%Recov		2/7/03	SW846 8270C
Nitrobenzene-d5	94	—	%Recov		2/7/03	SW846 8270C
2-Fluorophenol	92	—	%Recov		2/7/03	SW846 8270C
2-Fluorobiphenyl	82	—	%Recov		2/7/03	SW846 8270C
2,4,6-Tribromophenol	89	—	%Recov		2/7/03	SW846 8270C
2-Chlorophenol-d4	87	—	%Recov		2/7/03	SW846 8270C
Acenaphthene	< 410	410	ug/kg		2/7/03	SW846 8270C
Acenaphthylene	< 410	410	ug/kg		2/7/03	SW846 8270C
Anthracene	< 410	410	ug/kg		2/7/03	SW846 8270C
Benzo(a)anthracene	< 410	410	ug/kg	N	2/7/03	SW846 8270C
Benzo(a)pyrene	< 410	410	ug/kg		2/7/03	SW846 8270C
Benzo(b)fluoranthene	< 410	410	ug/kg		2/7/03	SW846 8270C
Benzo(g,h,i)perylene	450	410	ug/kg		2/7/03	SW846 8270C
Benzo(k)fluoranthene	< 410	410	ug/kg		2/7/03	SW846 8270C
4-Bromophenyl phenyl ether	< 410	410	ug/kg		2/7/03	SW846 8270C
Butylbenzylphthalate	< 410	410	ug/kg	N	2/7/03	SW846 8270C
Carbazole	< 410	410	ug/kg		2/7/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	480	410	ug/kg		2/7/03	SW846 8270C
4-Chloro-3-methylphenol	< 410	410	ug/kg		2/7/03	SW846 8270C
4-Chloroaniline	< 410	410	ug/kg		2/7/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (A)

Lab Sample Number : 830290-008

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

bis(2-Chloroethoxy)methane	< 410	410	ug/kg		2/7/03	SW846 8270C
bis(2-Chloroethyl)ether	< 410	410	ug/kg		2/7/03	SW846 8270C
2-Chloronaphthalene	< 410	410	ug/kg		2/7/03	SW846 8270C
2-Chlorophenol	< 410	410	ug/kg		2/7/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 410	410	ug/kg		2/7/03	SW846 8270C
Chrysene	< 410	410	ug/kg		2/7/03	SW846 8270C
Dibenzo(a,h)anthracene	< 410	410	ug/kg		2/7/03	SW846 8270C
Dibenzofuran	< 410	410	ug/kg		2/7/03	SW846 8270C
1,3-Dichlorobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
1,4-Dichlorobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
1,2-Dichlorobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
3,3-Dichlorobenzidine	< 410	410	ug/kg		2/7/03	SW846 8270C
2,4-Dichlorophenol	< 410	410	ug/kg		2/7/03	SW846 8270C
Diethylphthalate	< 410	410	ug/kg		2/7/03	SW846 8270C
2,4-Dimethylphenol	< 410	410	ug/kg		2/7/03	SW846 8270C
Dimethylphthalate	< 410	410	ug/kg		2/7/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 1000	1000	ug/kg		2/7/03	SW846 8270C
2,4-Dinitrophenol	< 1000	1000	ug/kg		2/7/03	SW846 8270C
2,6-Dinitrotoluene	< 410	410	ug/kg		2/7/03	SW846 8270C
2,4-Dinitrotoluene	< 410	410	ug/kg		2/7/03	SW846 8270C
Di-n-butylphthalate	< 410	410	ug/kg		2/7/03	SW846 8270C
Di-n-octylphthalate	< 410	410	ug/kg		2/7/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 410	410	ug/kg	&	2/7/03	SW846 8270C
Fluoranthene	650	410	ug/kg		2/7/03	SW846 8270C
Fluorene	< 410	410	ug/kg		2/7/03	SW846 8270C
Hexachlorobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
Hexachlorobutadiene	< 410	410	ug/kg		2/7/03	SW846 8270C
Hexachlorocyclopentadiene	< 410	410	ug/kg		2/7/03	SW846 8270C
Hexachloroethane	< 410	410	ug/kg		2/7/03	SW846 8270C
Isophorone	< 410	410	ug/kg	&	2/7/03	SW846 8270C
2-Methylnaphthalene	< 410	410	ug/kg		2/7/03	SW846 8270C
2-Methylphenol	< 410	410	ug/kg		2/7/03	SW846 8270C
4-Methylphenol	< 410	410	ug/kg		2/7/03	SW846 8270C
Naphthalene	< 410	410	ug/kg		2/7/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : OP-TP-2 4' (A)
 Lab Sample Number : 830290-008
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/30/02
 Matrix Type : SOIL

3-Nitroaniline	< 1000	1000	ug/kg		2/7/03	SW846 8270C
4-Nitroaniline	< 1000	1000	ug/kg		2/7/03	SW846 8270C
2-Nitroaniline	< 1000	1000	ug/kg		2/7/03	SW846 8270C
Nitrobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
4-Nitrophenol	< 1000	1000	ug/kg		2/7/03	SW846 8270C
2-Nitrophenol	< 410	410	ug/kg		2/7/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 410	410	ug/kg		2/7/03	SW846 8270C
N-Nitrosodiphenylamine	< 410	410	ug/kg		2/7/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 410	410	ug/kg	&	2/7/03	SW846 8270C
Pentachlorophenol	< 1000	1000	ug/kg		2/7/03	SW846 8270C
Phenanthrene	690	410	ug/kg		2/7/03	SW846 8270C
Phenol	< 410	410	ug/kg		2/7/03	SW846 8270C
Pyrene	690	410	ug/kg		2/7/03	SW846 8270C
1,2,4-Trichlorobenzene	< 410	410	ug/kg		2/7/03	SW846 8270C
2,4,5-Trichlorophenol	< 1000	1000	ug/kg		2/7/03	SW846 8270C
2,4,6-Trichlorophenol	< 410	410	ug/kg		2/7/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK Prep Method: SW846 3445 Prep Date: 1/8/03 Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	SBLK82					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-1 (1-1.5)

Lab Sample Number : 830290-009

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.8	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	67	0.57	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.14	0.11	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	14	0.34	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	2.1	0.57	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	< 0.011	0.011	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.57	0.57	mg/Kg		1/28/03	SW846 3050B	SW846 6020
pH, Laboratory	10		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	87.8		%		1/7/03	SM 2540G M	SM 2540G M
Sulfate, soluble	11000	910	mg/Kg		1/15/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-1 (1.5-2)

Lab Sample Number : 830290-010

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.7	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	48	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	< 0.12	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	9.3	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	4.0	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.016	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
pH, Laboratory	8.9		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	85.7		%		1/7/03	SM 2540G M	SM 2540G M
Sulfate, soluble	10000	230	mg/Kg		1/15/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-1 (0-1)

Lab Sample Number : 830290-011

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.4	1.0	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	56	0.52	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.12	0.10	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	13	0.31	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	1.7	0.52	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.52	0.52	mg/Kg		1/28/03	SW846 3050B	SW846 6020
pH, Laboratory	11		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	96.3		%		1/7/03	SM 2540G M	SM 2540G M
Sulfate, soluble	140	42	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 (0-1)

Lab Sample Number : 830290-012

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.0	1.4	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	85	0.68	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	< 0.14	0.14	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	5.6	0.41	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	12	0.68	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	< 0.014	0.014	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.4	1.4	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.68	0.68	mg/Kg		1/28/03	SW846 3050B	SW846 6020
pH, Laboratory	4.0		su	H	1/14/03	SW846 9045A	SW846 9045A
Solids, percent	73.6		%		1/7/03	SM 2540G M	SM 2540G M
Sulfate, soluble	30000	1100	mg/Kg		1/15/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-1 PIPE 4'

Lab Sample Number : 830290-013

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.7	1.0	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	42	0.52	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.17	0.10	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	9.6	0.31	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	39	0.52	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.47	0.010	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.52	0.52	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	95.9		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	36	2.6	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	2900	83	mg/Kg		1/20/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : NA-TP-2 2'
 Lab Sample Number : 830290-014
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/30/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.1	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	120	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.17	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	15	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	11	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.026	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	84.8		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 (0-1)'

Lab Sample Number : 830290-015

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	9.1	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	29	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.13	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	15	0.36	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	68	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.023	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	84.3		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.0	3.0	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	68	47	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : NA-TP-4 DRY WELL
 Lab Sample Number : 830290-016
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/30/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.7	2.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	67	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.68	0.22	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	21	0.67	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	53	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	42	1.1	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 2.2	2.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	45.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA TP-2 (0-1)' (B)

Lab Sample Number : 830290-017

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	7.5	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	120	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.15	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	26	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	9.3	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.037	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	86.3		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 2.9	2.9	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	54	46	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
Project Number : 41027052
Field ID : NA TP-3 BRICK MORTER (B)
Lab Sample Number : 830290-018
MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
Report Date : 2/13/03
Collection Date : 12/30/02
Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	100		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

DIESEL RANGE ORGANICS - SOIL
Preparation Date: 1/8/03
Prep Method: Wi MOD DRO
Prep Date: 1/8/03
Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	5900	970	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/9/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (B)

Lab Sample Number : 830290-019

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	81.2		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	33	26	mg/kg		1/9/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/9/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/9/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/9/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 310	310	ug/kg		1/10/03	SW846 8260B
Allyl Chloride	< 31	31	ug/kg		1/10/03	SW846 8260B
Benzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Bromochloromethane	< 31	31	ug/kg		1/10/03	SW846 8260B
Bromodichloromethane	< 31	31	ug/kg		1/10/03	SW846 8260B
Bromoform	< 31	31	ug/kg		1/10/03	SW846 8260B
Bromobenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Bromomethane	< 31	31	ug/kg		1/10/03	SW846 8260B
2-Butanone	< 310	310	ug/kg		1/10/03	SW846 8260B
s-Butylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
t-Butylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
n-Butylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Carbon tetrachloride	< 31	31	ug/kg		1/10/03	SW846 8260B
Chloroform	< 31	31	ug/kg		1/10/03	SW846 8260B
Chlorobenzene	< 31	31	ug/kg		1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (B)

Lab Sample Number : 830290-019

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Chlorodibromomethane	< 31	31	ug/kg	1/10/03	SW846 8260B
Chloroethane	< 31	31	ug/kg	1/10/03	SW846 8260B
Chloromethane	< 31	31	ug/kg	1/10/03	SW846 8260B
2-Chlorotoluene	< 31	31	ug/kg	1/10/03	SW846 8260B
4-Chlorotoluene	< 31	31	ug/kg	1/10/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 62	62	ug/kg	1/10/03	SW846 8260B
1,2-Dibromoethane	< 31	31	ug/kg	1/10/03	SW846 8260B
Dibromomethane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,3-Dichlorobenzene	< 31	31	ug/kg	1/10/03	SW846 8260B
1,4-Dichlorobenzene	< 31	31	ug/kg	1/10/03	SW846 8260B
1,2-Dichloroethane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,2-Dichlorobenzene	< 31	31	ug/kg	1/10/03	SW846 8260B
1,1-Dichloroethene	< 31	31	ug/kg	1/10/03	SW846 8260B
cis-1,2-Dichloroethene	< 31	31	ug/kg	1/10/03	SW846 8260B
Dichlorodifluoromethane	< 31	31	ug/kg	1/10/03	SW846 8260B
trans-1,2-Dichloroethene	< 31	31	ug/kg	1/10/03	SW846 8260B
Dichlorofluoromethane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,2-Dichloropropane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,1-Dichloroethane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,3-Dichloropropane	< 31	31	ug/kg	1/10/03	SW846 8260B
2,2-Dichloropropane	< 31	31	ug/kg	1/10/03	SW846 8260B
1,1-Dichloropropene	< 31	31	ug/kg	1/10/03	SW846 8260B
cis-1,3-Dichloropropene	< 31	31	ug/kg	1/10/03	SW846 8260B
trans-1,3-Dichloropropene	< 31	31	ug/kg	1/10/03	SW846 8260B
Ethylbenzene	< 31	31	ug/kg	1/10/03	SW846 8260B
Diethyl ether	< 31	31	ug/kg	1/10/03	SW846 8260B
Fluorotrichloromethane	< 31	31	ug/kg	1/10/03	SW846 8260B
Hexachlorobutadiene	< 31	31	ug/kg	1/10/03	SW846 8260B
Isopropylbenzene	< 31	31	ug/kg	1/10/03	SW846 8260B
p-Isopropyltoluene	< 31	31	ug/kg	1/10/03	SW846 8260B
Methylene chloride	< 31	31	ug/kg	1/10/03	SW846 8260B
4-Methyl-2-pentanone	< 310	310	ug/kg	1/10/03	SW846 8260B
Methyl-tert-butyl-ether	< 31	31	ug/kg	1/10/03	SW846 8260B
Naphthalene	< 31	31	ug/kg	1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-2 4' (B)

Lab Sample Number : 830290-019

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

n-Propylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Styrene	< 31	31	ug/kg	&	1/10/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 31	31	ug/kg		1/10/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 31	31	ug/kg		1/10/03	SW846 8260B
Tetrachloroethene	< 31	31	ug/kg		1/10/03	SW846 8260B
Toluene	< 31	31	ug/kg		1/10/03	SW846 8260B
1,2,3-Trichlorobenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
1,2,4-Trichlorobenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
1,1,1-Trichloroethane	< 31	31	ug/kg		1/10/03	SW846 8260B
1,1,2-Trichloroethane	< 31	31	ug/kg		1/10/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 31	31	ug/kg		1/10/03	SW846 8260B
1,2,4-Trimethylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Trichloroethene	< 31	31	ug/kg		1/10/03	SW846 8260B
1,2,3-Trichloropropane	< 31	31	ug/kg		1/10/03	SW846 8260B
Tetrahydrofuran	< 310	310	ug/kg		1/10/03	SW846 8260B
1,3,5-Trimethylbenzene	< 31	31	ug/kg		1/10/03	SW846 8260B
Vinyl chloride	< 31	31	ug/kg		1/10/03	SW846 8260B
Xylenes, -m, -p	< 31	31	ug/kg		1/10/03	SW846 8260B
Xylene, -o	< 31	31	ug/kg		1/10/03	SW846 8260B
4-Bromofluorobenzene	88	—	%Recov		1/10/03	SW846 8260B
Dibromofluoromethane	95	—	%Recov		1/10/03	SW846 8260B
Toluene-d8	96	—	%Recov		1/10/03	SW846 8260B

Organic Results

VOC-BLK

Prep Method:

Prep Date:

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : NA-TP-3 GASGET (B)
 Lab Sample Number : 830290-020
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/30/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	58.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL Prep Method: WI MOD DRO Prep Date: 1/8/03 Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	5100	2200	mg/kg		1/9/03	WI MOD DRO
Blank spike	94	—	%Recov		1/8/03	WI MOD DRO
Blank spike duplicate	106	—	%Recov		1/9/03	WI MOD DRO
Blank	< 5.0	5.0	mg/kg		1/9/03	WI MOD DRO

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-3 SURFACE

Lab Sample Number : 830290-021

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.2	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	22	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.43	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	7.2	0.32	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	130	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.014	0.011	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.53	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	94.8		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : OP-TP-4 6'
 Lab Sample Number : 830290-022
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/30/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.6	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	30	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	< 0.11	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	7.8	0.32	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	2.2	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	< 0.011	0.011	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.53	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	93.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-6 WEST CULVERT

Lab Sample Number : 830290-023

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	63	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.23	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	13	0.32	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	23	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.072	0.010	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.53	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	95.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-6 EAST CULVERT

Lab Sample Number : 830290-024

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.8	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	61	0.55	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.15	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	15	0.33	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	15	0.55	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.038	0.011	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.55	0.55	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	90.4		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-3 2'

Lab Sample Number : 830290-025

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	6.4	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	190	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.21	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	19	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	10	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.033	0.012	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	85.3		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : NA-TP-3 PIPE

Lab Sample Number : 830290-026

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	14	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	47	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.54	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	36	0.32	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	310	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.29	0.011	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.53	0.53	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	95.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-5 4'

Lab Sample Number : 830290-027

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.5	1.0	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	24	0.51	mg/Kg	N*	1/30/03	SW846 3050B	SW846 6020
Cadmium	0.13	0.10	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	6.7	0.31	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	2.3	0.51	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Selenium	< 1.0	1.0	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Silver	< 0.51	0.51	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	98.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : OP-TP-1 6'

Lab Sample Number : 830290-028

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/30/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.6	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	83	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	< 0.12	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	18	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	6.2	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	< 0.012	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	85.6		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 8' (A)

Lab Sample Number : 830290-029

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.2	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	100	0.57	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.22	0.11	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	13	0.34	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	8.8	0.57	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.030	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.57	0.57	mg/Kg		1/30/03	SW846 3050B	SW846 6020
pH, Laboratory	7.3		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	88.0		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 2.8	2.8	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	51	45	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.3	4.3	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 280	280	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 28	28	ug/kg		1/8/03	SW846 8260B
Benzene	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 28	28	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 8' (A)

Lab Sample Number : 830290-029

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Bromoform	< 28	28	ug/kg	1/8/03	SW846 8260B
Bromobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Bromomethane	< 28	28	ug/kg	1/8/03	SW846 8260B
2-Butanone	< 280	280	ug/kg	1/8/03	SW846 8260B
s-Butylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
t-Butylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
n-Butylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Carbón tetrachloride	< 28	28	ug/kg	1/8/03	SW846 8260B
Chloroform	< 28	28	ug/kg	1/8/03	SW846 8260B
Chlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Chlorodibromomethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Chloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Chloromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
2-Chlorotoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Chlorotoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 57	57	ug/kg	1/8/03	SW846 8260B
1,2-Dibromoethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Dibromomethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,4-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 8' (A)

Lab Sample Number : 830290-029

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Ethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 28	28	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 28	28	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 280	280	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 28	28	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 28	28	ug/kg	1/8/03	SW846 8260B
n-Propylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Styrene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Toluene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 280	280	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 28	28	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p	< 28	28	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	88	—	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	96	—	%Recov	1/8/03	SW846 8260B
Toluene-d8	105	—	%Recov	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 8' (A)

Lab Sample Number : 830290-029

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Organic Results

VOC-BLK		Prep Method:		Prep Date:		Analyst:	
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method	
VOC-BLK	1146-63						

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-6 (0-1)'

Lab Sample Number : 830290-030

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.8	1.1	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	52	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.17	0.11	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	11	0.33	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	5.7	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.031	0.011	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.55	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	91.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 15' (A)

Lab Sample Number : 830290-031

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	7.4	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	95	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.18	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	21	0.36	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	9.7	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.044	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	84.3		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10-12' (A)

Lab Sample Number : 830290-032

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.0	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Barium	130	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Cadmium	0.21	0.12	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Chromium	21	0.35	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Lead	10	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Mercury	0.045	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/30/03	SW846 3050B	SW846 6020
Solids, percent	85.3		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 4'

Lab Sample Number : 830290-033

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.9	1.1	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	110	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.19	0.11	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	20	0.34	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	8.5	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.032	0.011	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.57	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	87.9		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-8 2'

Lab Sample Number : 830290-034

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.5	1.1	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	49	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.13	0.11	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	11	0.33	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	4.4	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.031	0.011	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.55	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	91.2		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-6 (0-1)
 Lab Sample Number : 830290-035
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.9	1.0	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Barium	19	0.52	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Cadmium	0.11	0.10	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Chromium	6.5	0.31	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Lead	2.0	0.52	mg/Kg	A	1/31/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Silver	< 0.52	0.52	mg/Kg		1/31/03	SW846 3050B	SW846 6020
Solids, percent	95.4		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-6 (8')

Lab Sample Number : 830290-036

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.2	1.0	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	14	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.10	0.10	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	6.7	0.31	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	1.7	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.51	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	97.1		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-5 (12')

Lab Sample Number : 830290-037

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.8	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	240	0.65	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.30	0.13	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	19	0.39	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	11	0.65	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.020	0.013	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.65	0.65	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	76.4		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-4 (0-1)'

Lab Sample Number : 830290-038

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.0	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	170	0.61	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.19	0.12	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	18	0.37	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	9.6	0.61	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.028	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.61	0.61	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	81.2		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-4 (8')
 Lab Sample Number : 830290-039
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.9	1.4	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	230	0.68	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.33	0.14	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	20	0.41	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	9.8	0.68	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.028	0.014	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.4	1.4	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.68	0.68	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	73.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-7 (0-1)'

Lab Sample Number : 830290-040

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.6	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	170	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.22	0.12	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	16	0.36	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	72	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.022	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.60	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	82.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-3 (0-1)

Lab Sample Number : 830290-041

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.6	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	77	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.15	0.11	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	19	0.33	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	45	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.029	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.56	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	89.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-3 (8')

Lab Sample Number : 830290-042

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.4	1.0	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	24	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.12	0.10	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	11	0.31	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	2.5	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.51	0.51	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	97.7		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-18 (0-1)

Lab Sample Number : 830290-043

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.0	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	91	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.20	0.12	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	16	0.36	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	27	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.029	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.60	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	82.5		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.0	3.0	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	52	48	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	59	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	62	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	62	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	63	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	60	—	%Recov		1/13/03	SW846 8270C
Nitrobenzene-d5	68	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	74	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	64	—	%Recov		1/13/03	SW846 8270C
Acenaphthene	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 400	400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-18 (0-1)

Lab Sample Number : 830290-043

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Benzo(k)fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 400	400	ug/kg		1/13/03	SW846 8270C
Butylbenzylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
Carbazole	< 400	400	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 400	400	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 400	400	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Chloronaphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Chrysene	< 400	400	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 400	400	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 400	400	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 400	400	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 400	400	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
Fluorene	< 400	400	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 810	810	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 400	400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-18 (0-1)

Report Date : 2/13/03

Lab Sample Number : 830290-043

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Hexachlorocyclopentadiene	< 810	810	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 400	400	ug/kg		1/13/03	SW846 8270C
Isophorone	< 400	400	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 1000	1000	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2-Nitroaniline	< 400	400	ug/kg		1/13/03	SW846 8270C
Nitrobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Nitrophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2-Nitrophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 400	400	ug/kg		1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 400	400	ug/kg		1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 400	400	ug/kg		1/13/03	SW846 8270C
Pentachlorophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Phenanthrene	< 400	400	ug/kg		1/13/03	SW846 8270C
Phenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-18 (4-5)

Lab Sample Number : 830290-044

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.2	1.1	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	44	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.15	0.11	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	15	0.33	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	4.5	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.028	0.011	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.55	0.55	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	90.8		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-13 (0-1)
 Lab Sample Number : 830290-045
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	6.0	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	140	0.62	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.17	0.12	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	22	0.37	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	39	0.62	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.037	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.62	0.62	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	81.2		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-16 (0-1)

Lab Sample Number : 830290-046

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.1	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	160	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.24	0.13	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	17	0.38	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	390	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.030	0.013	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.64	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	78.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
Project Number : 41027052
Field ID : BG-TP-15 WOOD
Lab Sample Number : 830290-047
MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
Report Date : 2/13/03
Collection Date : 12/31/02
Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	78.6		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES Prep Method: SW846 3545 Prep Date: 1/13/03 Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	63	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	85	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	86	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	82	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	79	—	%Recov		1/14/03	SW846 8270C
Nitrobenzene-d5	78	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	93	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	131	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 11000	11000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 11000	11000	ug/kg		1/14/03	SW846 8270C
Anthracene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Carbazole	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 4200	4200	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 4200	4200	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 4200	4200	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 WOOD

Lab Sample Number : 830290-047

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

2-Chloronaphthalene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 11000	11000	ug/kg		1/14/03	SW846 8270C
Chrysene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 4200	4200	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 4200	4200	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 11000	11000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Fluorene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 8500	8500	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 8500	8500	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Isophorone	< 4200	4200	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 4200	4200	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 4200	4200	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 11000	11000	ug/kg		1/14/03	SW846 8270C
4-Nitroaniline	< 11000	11000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 WOOD

Lab Sample Number : 830290-047

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

2-Nitroaniline	< 4200	4200	ug/kg	1/14/03	SW846 8270C
Nitrobenzene	< 4200	4200	ug/kg	1/14/03	SW846 8270C
4-Nitrophenol	< 11000	11000	ug/kg	1/14/03	SW846 8270C
2-Nitrophenol	< 4200	4200	ug/kg	1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 4200	4200	ug/kg	1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 4200	4200	ug/kg	1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 4200	4200	ug/kg	1/14/03	SW846 8270C
Pentachlorophenol	< 11000	11000	ug/kg	1/14/03	SW846 8270C
Phenanthrene	< 4200	4200	ug/kg	1/14/03	SW846 8270C
Phenol	< 4200	4200	ug/kg	1/14/03	SW846 8270C
Pyrene	< 4200	4200	ug/kg	1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 4200	4200	ug/kg	1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 11000	11000	ug/kg	1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 4200	4200	ug/kg	1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 (0-1)' (A)

Lab Sample Number : 830290-048

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.9	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	450	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.90	0.13	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	21	0.38	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	3100	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.022	0.013	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.64	0.64	mg/Kg		1/28/03	SW846 3050B	SW846 6020
pH, Laboratory	7.3		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	78.6		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.2	3.2	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	62	51	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	80	—	%Recov		1/23/03	SW846 8082
Aroclor 1016	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1221	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1232	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1242	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1248	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1254	< 64	64	ug/kg		1/23/03	SW846 8082
Aroclor 1260	< 64	64	ug/kg		1/23/03	SW846 8082
Decachlorobiphenyl (ss)	71	—	%Recov		1/23/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-15 (0-1)' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-048

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	53	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	71	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	72	—	%Recov		1/14/03	SW846 8270C
Nitrobenzene-d5	72	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	64	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	74	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	66	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	69	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 1100	1100	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 1100	1100	ug/kg		1/14/03	SW846 8270C
Anthracene	< 420	420	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 420	420	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 420	420	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 420	420	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 420	420	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 420	420	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
Carbazole	< 420	420	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 420	420	ug/kg	&	1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 (0-1)' (A)

Lab Sample Number : 830290-048

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

bis(2-Chloroethoxy)methane	< 420	420	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 420	420	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 420	420	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1100	1100	ug/kg		1/14/03	SW846 8270C
Chrysene	< 420	420	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 420	420	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 420	420	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 420	420	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 420	420	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 420	420	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 420	420	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 420	420	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 420	420	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 420	420	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 1100	1100	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 420	420	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 420	420	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 420	420	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 420	420	ug/kg		1/14/03	SW846 8270C
Fluorene	< 420	420	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 850	850	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 420	420	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 850	850	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 420	420	ug/kg		1/14/03	SW846 8270C
Isophorone	< 420	420	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 420	420	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 420	420	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 420	420	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 (0-1)' (A)

Lab Sample Number : 830290-048

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

3-Nitroaniline	< 1100	1100	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 1100	1100	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 420	420	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 420	420	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 1100	1100	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 420	420	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 420	420	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 420	420	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 420	420	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 1100	1100	ug/kg		1/14/03	SW846 8270C
Phenanthrene	< 420	420	ug/kg		1/14/03	SW846 8270C
Phenol	< 420	420	ug/kg		1/14/03	SW846 8270C
Pyrene	< 420	420	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 420	420	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 1100	1100	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 420	420	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-14 (0-1)

Lab Sample Number : 830290-049

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.3	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	160	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.24	0.12	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	21	0.36	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	130	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.028	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.60	0.60	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	83.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-11 (0-1)
 Lab Sample Number : 830290-050
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.4	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Barium	97	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Cadmium	0.14	0.11	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Chromium	14	0.33	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Lead	6.9	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Mercury	0.020	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Silver	< 0.56	0.56	mg/Kg		1/28/03	SW846 3050B	SW846 6020
Solids, percent	89.9		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-12 WOOD

Lab Sample Number : 830290-051

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	83.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	< NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	< NA	—	%Recov	D	1/14/03	SW846 8270C
Nitrobenzene-d5	< NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	< NA	—	%Recov	D	1/14/03	SW846 8270C
Terphenyl-d14	< NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	940000	800000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 800000	800000	ug/kg		1/14/03	SW846 8270C
Anthracene	880000	320000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	430000	320000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	330000	320000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	460000	320000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 320000	320000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 320000	320000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 320000	320000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 WOOD

Report Date : 2/13/03

Lab Sample Number : 830290-051

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2-Chloronaphthalene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 800000	800000	ug/kg		1/14/03	SW846 8270C
Chrysene	540000	320000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	520000	320000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 320000	320000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 800000	800000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	1.6E+06	320000	ug/kg		1/14/03	SW846 8270C
Fluorene	840000	320000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 640000	640000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 640000	640000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 320000	320000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	450000	320000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 320000	320000	ug/kg		1/14/03	SW846 8270C
Naphthalene	860000	320000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 800000	800000	ug/kg		1/14/03	SW846 8270C
4-Nitroaniline	< 800000	800000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-12 WOOD

Lab Sample Number : 830290-051

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

2-Nitroaniline	< 320000	320000	ug/kg	1/14/03	SW846 8270C
Nitrobenzene	< 320000	320000	ug/kg	1/14/03	SW846 8270C
4-Nitrophenol	< 800000	800000	ug/kg	1/14/03	SW846 8270C
2-Nitrophenol	< 320000	320000	ug/kg	1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 320000	320000	ug/kg	1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 320000	320000	ug/kg	1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 320000	320000	ug/kg	1/14/03	SW846 8270C
Pentachlorophenol	< 800000	800000	ug/kg	1/14/03	SW846 8270C
Phenanthrene	2.1E+06	320000	ug/kg	1/14/03	SW846 8270C
Phenol	< 320000	320000	ug/kg	1/14/03	SW846 8270C
Pyrene	2.3E+06	320000	ug/kg	1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 320000	320000	ug/kg	1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 800000	800000	ug/kg	1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 320000	320000	ug/kg	1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-12 BELOW CALVERT
 Lab Sample Number : 830290-052
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.7	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	110	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.12	0.12	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	18	0.36	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	9.9	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.022	0.012	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.60	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
pH, Laboratory	7.2		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	83.5		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.0	3.0	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	< 48	48	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550 Prep Date: 1/10/03 Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	80	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 60	60	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 60	60	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	80	—	%Recov		1/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-12 BELOW CALVERT

Lab Sample Number : 830290-052

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	59	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	81	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	74	—	%Recov		1/14/03	SW846 8270C
Nitrobenzene-d5	76	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	56	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	74	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	73	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	66	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 990	990	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 990	990	ug/kg		1/14/03	SW846 8270C
Anthracene	< 400	400	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 400	400	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 400	400	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 400	400	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 400	400	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 400	400	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
Carbazole	< 400	400	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 400	400	ug/kg	&	1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 BELOW CALVERT

Report Date : 2/13/03

Lab Sample Number : 830290-052

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

bis(2-Chloroethoxy)methane	< 400	400	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 400	400	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 400	400	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 990	990	ug/kg		1/14/03	SW846 8270C
Chrysene	< 400	400	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 400	400	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 400	400	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 400	400	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 400	400	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 400	400	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 400	400	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 400	400	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 400	400	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 400	400	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 990	990	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 400	400	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 400	400	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 400	400	ug/kg		1/14/03	SW846 8270C
Fluoranthene	430	400	ug/kg		1/14/03	SW846 8270C
Fluorene	< 400	400	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 800	800	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 400	400	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 800	800	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 400	400	ug/kg		1/14/03	SW846 8270C
Isophorone	< 400	400	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 400	400	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 400	400	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 400	400	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-12 BELOW CALVERT

Lab Sample Number : 830290-052

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

3-Nitroaniline	< 990	990	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 990	990	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 400	400	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 400	400	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 990	990	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 400	400	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 400	400	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 400	400	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 400	400	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 990	990	ug/kg		1/14/03	SW846 8270C
Phenanthrene	< 400	400	ug/kg		1/14/03	SW846 8270C
Phenol	< 400	400	ug/kg		1/14/03	SW846 8270C
Pyrene	420	400	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 400	400	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 990	990	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 400	400	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 INSIDE CALVERT

Report Date : 2/13/03

Lab Sample Number : 830290-053

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.7	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	110	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.12	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	16	0.33	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	17	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.034	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.55	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	90.1		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	42	2.8	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	64	44	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results**TARGET COMPOUND LIST - SEMIVOLATILES**

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	64	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	72	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	77	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	75	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	71	—	%Recov		1/14/03	SW846 8270C
Nitrobenzene-d5	76	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	83	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	107	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 920	920	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 920	920	ug/kg		1/14/03	SW846 8270C
Anthracene	< 370	370	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	660	370	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	1300	370	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	1800	370	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	890	370	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 INSIDE CALVERT

Report Date : 2/13/03

Lab Sample Number : 830290-053

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Benzo(k)fluoranthene	1600	370	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 370	370	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
Carbazole	< 370	370	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	1000	370	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 370	370	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 370	370	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 370	370	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 370	370	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 370	370	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 370	370	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 920	920	ug/kg		1/14/03	SW846 8270C
Chrysene	1000	370	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 370	370	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 370	370	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 370	370	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 370	370	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 370	370	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 370	370	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 370	370	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 370	370	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 370	370	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 920	920	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 370	370	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 370	370	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 370	370	ug/kg		1/14/03	SW846 8270C
Fluoranthene	810	370	ug/kg		1/14/03	SW846 8270C
Fluorene	< 370	370	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 740	740	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 370	370	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 INSIDE CALVERT

Report Date : 2/13/03

Lab Sample Number : 830290-053

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Hexachlorocyclopentadiene	< 740	740	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 370	370	ug/kg		1/14/03	SW846 8270C
Isophorone	< 370	370	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 370	370	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 370	370	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 370	370	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 370	370	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 920	920	ug/kg		1/14/03	SW846 8270C
4-Nitroaniline	< 920	920	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 370	370	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 370	370	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 920	920	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 370	370	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 370	370	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 370	370	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 370	370	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 920	920	ug/kg		1/14/03	SW846 8270C
Phenanthrene	< 370	370	ug/kg		1/14/03	SW846 8270C
Phenol	< 370	370	ug/kg		1/14/03	SW846 8270C
Pyrene	1300	370	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 370	370	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 920	920	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 370	370	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 WOOD

Lab Sample Number : 830290-054

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	32.7		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	59	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	77	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	71	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	74	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	72	—	%Recov		1/13/03	SW846 8270C
Nitrobenzene-d5	73	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	76	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	72	—	%Recov		1/13/03	SW846 8270C
Acenaphthene	< 25000	25000	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 25000	25000	ug/kg		1/13/03	SW846 8270C
Anthracene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Benzo(k)fluoranthene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Butylbenzylphthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Carbazole	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 10000	10000	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 10000	10000	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 10000	10000	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 WOOD

Lab Sample Number : 830290-054

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

2-Chloronaphthalene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 25000	25000	ug/kg		1/13/03	SW846 8270C
Chrysene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 10000	10000	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 10000	10000	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 25000	25000	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Fluorene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 20000	20000	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 20000	20000	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Isophorone	< 10000	10000	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 10000	10000	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 10000	10000	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 25000	25000	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 25000	25000	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 WOOD

Lab Sample Number : 830290-054

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Analyte	Result	EQL	Units	Analysis Date	Analysis Method
2-Nitroaniline	< 10000	10000	ug/kg	1/13/03	SW846 8270C
Nitrobenzene	< 10000	10000	ug/kg	1/13/03	SW846 8270C
4-Nitrophenol	< 25000	25000	ug/kg	1/13/03	SW846 8270C
2-Nitrophenol	< 10000	10000	ug/kg	1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 10000	10000	ug/kg	1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 10000	10000	ug/kg	1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 10000	10000	ug/kg	1/13/03	SW846 8270C
Pentachlorophenol	< 25000	25000	ug/kg	1/13/03	SW846 8270C
Phenanthrene	< 10000	10000	ug/kg	1/13/03	SW846 8270C
Phenol	< 10000	10000	ug/kg	1/13/03	SW846 8270C
Pyrene	< 10000	10000	ug/kg	1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 10000	10000	ug/kg	1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 25000	25000	ug/kg	1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 10000	10000	ug/kg	1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (3-4)

Lab Sample Number : 830290-055

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.7	1.3	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	180	0.65	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.21	0.13	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	17	0.39	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	8.9	0.65	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.030	0.013	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.65	0.65	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	77.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (A)

Lab Sample Number : 830290-056

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	14	1.3	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Barium	190	0.66	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Cadmium	2.6	0.13	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Chromium	45	0.40	mg/Kg		1/21/03	SW846 3050B	SW846 6020
Lead	42	0.66	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Mercury	0.047	0.013	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Silver	< 0.66	0.66	mg/Kg		1/20/03	SW846 3050B	SW846 6020
pH, Laboratory	7.2		su	H	1/14/03	SW846 9045A	SW846 9045A
Solids, percent	75.0		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	29	3.3	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	64	53	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	83	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 67	67	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 67	67	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	78	—	%Recov		1/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (A)

Lab Sample Number : 830290-056

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Organic Results

PCB-BLANK		Prep Method: SW846 3545	Prep Date: 1/27/03	Analyst:		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES		Prep Method: SW846 3545	Prep Date: 1/8/03	Analyst: RJN		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	56	—	%Recov		1/10/03	SW846 8270C
Terphenyl-d14	86	—	%Recov		1/10/03	SW846 8270C
Phenol-d5	64	—	%Recov		1/10/03	SW846 8270C
Nitrobenzene-d5	74	—	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	62	—	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	71	—	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	78	—	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	67	—	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 1100	1100	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 1100	1100	ug/kg		1/10/03	SW846 8270C
Anthracene	< 440	440	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 440	440	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 440	440	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 440	440	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 440	440	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 440	440	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
Carbazole	< 440	440	ug/kg		1/10/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Chloro-3-methylphenol	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Chloroaniline	< 440	440	ug/kg	&	1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-10 (0-1)' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-056

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

bis(2-Chloroethoxy)methane	< 440	440	ug/kg		1/10/03	SW846 8270C
bis(2-Chloroethyl)ether	< 440	440	ug/kg		1/10/03	SW846 8270C
2-Chloronaphthalene	< 440	440	ug/kg		1/10/03	SW846 8270C
2-Chlorophenol	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1100	1100	ug/kg		1/10/03	SW846 8270C
Chrysene	< 440	440	ug/kg		1/10/03	SW846 8270C
Dibenzo(a,h)anthracene	< 440	440	ug/kg		1/10/03	SW846 8270C
Dibenzofuran	< 440	440	ug/kg		1/10/03	SW846 8270C
1,3-Dichlorobenzene	< 440	440	ug/kg		1/10/03	SW846 8270C
1,4-Dichlorobenzene	< 440	440	ug/kg		1/10/03	SW846 8270C
1,2-Dichlorobenzene	< 440	440	ug/kg		1/10/03	SW846 8270C
3,3-Dichlorobenzidine	< 440	440	ug/kg	&	1/10/03	SW846 8270C
2,4-Dichlorophenol	< 440	440	ug/kg		1/10/03	SW846 8270C
Diethylphthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
2,4-Dimethylphenol	< 440	440	ug/kg		1/10/03	SW846 8270C
Dimethylphthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 440	440	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrophenol	< 1100	1100	ug/kg		1/10/03	SW846 8270C
2,6-Dinitrotoluene	< 440	440	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrotoluene	< 440	440	ug/kg		1/10/03	SW846 8270C
Di-n-butylphthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
Di-n-octylphthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 440	440	ug/kg		1/10/03	SW846 8270C
Fluoranthene	< 440	440	ug/kg		1/10/03	SW846 8270C
Fluorene	< 440	440	ug/kg		1/10/03	SW846 8270C
Hexachlorobenzene	< 890	890	ug/kg		1/10/03	SW846 8270C
Hexachlorobutadiene	< 440	440	ug/kg		1/10/03	SW846 8270C
Hexachlorocyclopentadiene	< 890	890	ug/kg	&	1/10/03	SW846 8270C
Hexachloroethane	< 440	440	ug/kg		1/10/03	SW846 8270C
Isophorone	< 440	440	ug/kg	&	1/10/03	SW846 8270C
2-Methylnaphthalene	< 440	440	ug/kg		1/10/03	SW846 8270C
2-Methylphenol	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Methylphenol	< 440	440	ug/kg		1/10/03	SW846 8270C
Naphthalene	< 440	440	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (A)

Lab Sample Number : 830290-056

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

3-Nitroaniline	< 1100	1100	ug/kg	&	1/10/03	SW846 8270C
4-Nitroaniline	< 1100	1100	ug/kg		1/10/03	SW846 8270C
2-Nitroaniline	< 440	440	ug/kg		1/10/03	SW846 8270C
Nitrobenzene	< 440	440	ug/kg		1/10/03	SW846 8270C
4-Nitrophenol	< 1100	1100	ug/kg		1/10/03	SW846 8270C
2-Nitrophenol	< 440	440	ug/kg		1/10/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 440	440	ug/kg		1/10/03	SW846 8270C
N-Nitrosodiphenylamine	< 440	440	ug/kg		1/10/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 440	440	ug/kg		1/10/03	SW846 8270C
Pentachlorophenol	< 1100	1100	ug/kg		1/10/03	SW846 8270C
Phenanthrene	< 440	440	ug/kg		1/10/03	SW846 8270C
Phenol	< 440	440	ug/kg		1/10/03	SW846 8270C
Pyrene	< 440	440	ug/kg		1/10/03	SW846 8270C
1,2,4-Trichlorobenzene	< 440	440	ug/kg		1/10/03	SW846 8270C
2,4,5-Trichlorophenol	< 1100	1100	ug/kg		1/10/03	SW846 8270C
2,4,6-Trichlorophenol	< 440	440	ug/kg		1/10/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-9 (0-1)'

Lab Sample Number : 830290-057

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.7	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	42	0.54	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	< 0.11	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	10	0.32	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	3.1	0.54	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.013	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.54	0.54	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	93.8		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 (0-1)' (B)

Lab Sample Number : 830290-058

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	78.6		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.6	4.6	mg/kg		1/9/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/9/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/9/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/9/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 320	320	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 32	32	ug/kg		1/8/03	SW846 8260B
Benzene	< 32	32	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 32	32	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 32	32	ug/kg		1/8/03	SW846 8260B
Bromoform	< 32	32	ug/kg		1/8/03	SW846 8260B
Bromobenzene	< 32	32	ug/kg		1/8/03	SW846 8260B
Bromomethane	< 32	32	ug/kg		1/8/03	SW846 8260B
2-Butanone	< 320	320	ug/kg		1/8/03	SW846 8260B
s-Butylbenzene	< 32	32	ug/kg		1/8/03	SW846 8260B
t-Butylbenzene	< 32	32	ug/kg		1/8/03	SW846 8260B
n-Butylbenzene	< 32	32	ug/kg		1/8/03	SW846 8260B
Carbon tetrachloride	< 32	32	ug/kg		1/8/03	SW846 8260B
Chloroform	< 32	32	ug/kg		1/8/03	SW846 8260B
Chlorobenzene	< 32	32	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-15 (0-1)' (B)

Lab Sample Number : 830290-058

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Chlorodibromomethane	< 32	32	ug/kg	1/8/03	SW846 8260B
Chloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
Chloromethane	< 32	32	ug/kg	1/8/03	SW846 8260B
2-Chlorotoluene	< 32	32	ug/kg	1/8/03	SW846 8260B
4-Chlorotoluene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 64	64	ug/kg	1/8/03	SW846 8260B
1,2-Dibromoethane	< 32	32	ug/kg	1/8/03	SW846 8260B
Dibromomethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,4-Dichlorobenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 32	32	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 32	32	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 32	32	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 32	32	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 32	32	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 32	32	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 32	32	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 32	32	ug/kg	1/8/03	SW846 8260B
Ethylbenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 32	32	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 32	32	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 32	32	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 32	32	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 32	32	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 320	320	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 32	32	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 32	32	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-15 (0-1)' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-058

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

n-Propylbenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
Styrene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 32	32	ug/kg	1/8/03	SW846 8260B
Toluene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichloroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 32	32	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 32	32	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 320	320	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 32	32	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 32	32	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p	< 32	32	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 32	32	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	90	—	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	105	—	%Recov	1/8/03	SW846 8260B
Toluene-d8	113	—	%Recov	1/8/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-12 BELOW CALVERT (B)

Lab Sample Number : 830290-059

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	90.1		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.0	4.0	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 280	280	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 28	28	ug/kg		1/8/03	SW846 8260B
Benzene	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromoform	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromobenzene	< 28	28	ug/kg		1/8/03	SW846 8260B
Bromomethane	< 28	28	ug/kg		1/8/03	SW846 8260B
2-Butanone	< 280	280	ug/kg		1/8/03	SW846 8260B
s-Butylbenzene	< 28	28	ug/kg		1/8/03	SW846 8260B
t-Butylbenzene	< 28	28	ug/kg		1/8/03	SW846 8260B
n-Butylbenzene	< 28	28	ug/kg		1/8/03	SW846 8260B
Carbon tetrachloride	< 28	28	ug/kg		1/8/03	SW846 8260B
Chloroform	< 28	28	ug/kg		1/8/03	SW846 8260B
Chlorobenzene	< 28	28	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 BELOW CALVERT (B)

Report Date : 2/13/03

Lab Sample Number : 830290-059

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Chlorodibromomethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Chloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Chloromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
2-Chlorotoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Chlorotoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 55	55	ug/kg	1/8/03	SW846 8260B
1,2-Dibromoethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Dibromomethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,4-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 28	28	ug/kg	1/8/03	SW846 8260B
Ethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 28	28	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 28	28	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 28	28	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 280	280	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 28	28	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 28	28	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : BG-TP-12 BELOW CALVERT (B)

Report Date : 2/13/03

Lab Sample Number : 830290-059

Collection Date : 12/31/02

MDH LAB ID : 055-999-334

Matrix Type : SOIL

n-Propylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Styrene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
Toluene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichloroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 28	28	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 28	28	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 280	280	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 28	28	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 28	28	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p	< 28	28	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 28	28	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	87	---	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	99	---	%Recov	1/8/03	SW846 8260B
Toluene-d8	107	---	%Recov	1/8/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (B)

Lab Sample Number : 830290-060

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	75.0		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 5.0	5.0	mg/kg		1/9/03	Wi MOD DRO
Blank spike	94	---	%Recov		1/9/03	Wi MOD DRO
Blank spike duplicate	106	---	%Recov		1/9/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/9/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 330	330	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 33	33	ug/kg		1/8/03	SW846 8260B
Benzene	< 33	33	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 33	33	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 33	33	ug/kg		1/8/03	SW846 8260B
Bromoform	< 33	33	ug/kg		1/8/03	SW846 8260B
Bromobenzene	< 33	33	ug/kg		1/8/03	SW846 8260B
Bromomethane	< 33	33	ug/kg		1/8/03	SW846 8260B
2-Butanone	< 330	330	ug/kg		1/8/03	SW846 8260B
s-Butylbenzene	< 33	33	ug/kg		1/8/03	SW846 8260B
t-Butylbenzene	< 33	33	ug/kg		1/8/03	SW846 8260B
n-Butylbenzene	< 33	33	ug/kg		1/8/03	SW846 8260B
Carbon tetrachloride	< 33	33	ug/kg		1/8/03	SW846 8260B
Chloroform	< 33	33	ug/kg		1/8/03	SW846 8260B
Chlorobenzene	< 33	33	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (B)

Lab Sample Number : 830290-060

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Chlorodibromomethane	< 33	33	ug/kg	1/8/03	SW846 8260B
Chloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
Chloromethane	< 33	33	ug/kg	1/8/03	SW846 8260B
2-Chlorotoluene	< 33	33	ug/kg	1/8/03	SW846 8260B
4-Chlorotoluene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 67	67	ug/kg	1/8/03	SW846 8260B
1,2-Dibromoethane	< 33	33	ug/kg	1/8/03	SW846 8260B
Dibromomethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,4-Dichlorobenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 33	33	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 33	33	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 33	33	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 33	33	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 33	33	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 33	33	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 33	33	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 33	33	ug/kg	1/8/03	SW846 8260B
Ethylbenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 33	33	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 33	33	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 33	33	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 33	33	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 33	33	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 330	330	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 33	33	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 33	33	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-10 (0-1)' (B)

Lab Sample Number : 830290-060

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

n-Propylbenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
Styrene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 33	33	ug/kg	1/8/03	SW846 8260B
Toluene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichloroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 33	33	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 33	33	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 330	330	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 33	33	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 33	33	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p	< 33	33	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 33	33	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	84	—	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	96	—	%Recov	1/8/03	SW846 8260B
Toluene-d8	96	—	%Recov	1/8/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-8 5'

Lab Sample Number : 830290-061

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.5	1.0	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	24	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.13	0.10	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	7.1	0.31	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	1.8	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.52	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	96.7		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052 Client : TERRACON ENVIRONMENTAL
 Field ID : BG-TP-8 (0-1)' Report Date : 2/13/03
 Lab Sample Number : 830290-062 Collection Date : 12/31/02
 MDH LAB ID : 055-999-334 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.1	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	99	0.58	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.13	0.12	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	16	0.35	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	30	0.58	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	16	12	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	85.3		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-8 (0-1)'

Lab Sample Number : 830290-063

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.0	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	42	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.15	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	10	0.33	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	7.4	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	13	11	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.55	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	90.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : BG-TP-2 (6")
 Lab Sample Number : 830290-064
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 12/31/02
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	1.7	1.0	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	26	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.13	0.10	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	9.5	0.31	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	2.1	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	< 0.010	0.010	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.52	0.52	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	96.2		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-13 1-2'

Lab Sample Number : 830290-065

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.1	1.1	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	80	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.16	0.11	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	18	0.34	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Lead	5.6	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.025	0.011	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.57	0.57	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	88.2		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : WWTP-TP-5 8'
 Lab Sample Number : 830290-066
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 1/2/03
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.3	1.2	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Barium	74	0.59	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Cadmium	0.21	0.12	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Chromium	13	0.35	mg/Kg	E	2/6/03	SW846 3050B	SW846 6020
Lead	5.9	0.59	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Mercury	0.045	0.012	mg/Kg	H	2/5/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg	A	2/6/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		2/6/03	SW846 3050B	SW846 6020
Solids, percent	84.8		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 12' (B)

Lab Sample Number : 830290-067

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	85.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	54	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	59	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	58	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	61	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	59	—	%Recov		1/13/03	SW846 8270C
Nitrobenzene-d5	59	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	66	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	61	—	%Recov		1/13/03	SW846 8270C
Acenaphthene	< 970	970	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 970	970	ug/kg		1/13/03	SW846 8270C
Anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(k)fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 390	390	ug/kg		1/13/03	SW846 8270C
Butylbenzylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Carbazole	< 390	390	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 390	390	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 390	390	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 390	390	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 12' (B)

Lab Sample Number : 830290-067

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

2-Chloronaphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 970	970	ug/kg		1/13/03	SW846 8270C
Chrysene	< 390	390	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 390	390	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 390	390	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 970	970	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 390	390	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 390	390	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
Fluorene	< 390	390	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 790	790	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 390	390	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 790	790	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 390	390	ug/kg		1/13/03	SW846 8270C
Isophorone	< 390	390	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 970	970	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 970	970	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 12' (B)

Lab Sample Number : 830290-067

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

2-Nitroaniline	< 390	390	ug/kg	1/13/03	SW846 8270C
Nitrobenzene	< 390	390	ug/kg	1/13/03	SW846 8270C
4-Nitrophenol	< 970	970	ug/kg	1/13/03	SW846 8270C
2-Nitrophenol	< 390	390	ug/kg	1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 390	390	ug/kg	1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 390	390	ug/kg	1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 390	390	ug/kg	1/13/03	SW846 8270C
Pentachlorophenol	< 970	970	ug/kg	1/13/03	SW846 8270C
Phenanthrene	< 390	390	ug/kg	1/13/03	SW846 8270C
Phenol	< 390	390	ug/kg	1/13/03	SW846 8270C
Pyrene	< 390	390	ug/kg	1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 390	390	ug/kg	1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 970	970	ug/kg	1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 390	390	ug/kg	1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
Project Number : 41027052
Field ID : WWTP-TP-7 8' (B)
Lab Sample Number : 830290-068
MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
Report Date : 2/13/03
Collection Date : 1/2/03
Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	88.0		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL
Prep Method: SW846 3550
Prep Date: 1/10/03
Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	62	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 58	58	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 58	58	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	68	—	%Recov		1/27/03	SW846 8082

Organic Results

PCB-BLANK
Prep Method: SW846 3545
Prep Date: 1/27/03
Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES
Prep Method: SW846 3545
Prep Date: 1/8/03
Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	76	—	%Recov		1/10/03	SW846 8270C
Terphenyl-d14	80	—	%Recov		1/10/03	SW846 8270C
Phenol-d5	75	—	%Recov		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-7 8' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-068

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Nitrobenzene-d5	79	---	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	73	---	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	78	---	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	87	---	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	74	---	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 1900	1900	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 1900	1900	ug/kg		1/10/03	SW846 8270C
Anthracene	< 750	750	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 750	750	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 750	750	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 750	750	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 750	750	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 750	750	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
Carbazole	< 750	750	ug/kg		1/10/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Chloro-3-methylphenol	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Chloroaniline	< 750	750	ug/kg	&	1/10/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 750	750	ug/kg		1/10/03	SW846 8270C
bis(2-Chloroethyl)ether	< 750	750	ug/kg		1/10/03	SW846 8270C
2-Chloronaphthalene	< 750	750	ug/kg		1/10/03	SW846 8270C
2-Chlorophenol	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1900	1900	ug/kg		1/10/03	SW846 8270C
Chrysene	< 750	750	ug/kg		1/10/03	SW846 8270C
Dibenzo(a,h)anthracene	< 750	750	ug/kg		1/10/03	SW846 8270C
Dibenzofuran	< 750	750	ug/kg		1/10/03	SW846 8270C
1,3-Dichlorobenzene	< 750	750	ug/kg		1/10/03	SW846 8270C
1,4-Dichlorobenzene	< 750	750	ug/kg		1/10/03	SW846 8270C
1,2-Dichlorobenzene	< 750	750	ug/kg		1/10/03	SW846 8270C
3,3-Dichlorobenzidine	< 750	750	ug/kg	&	1/10/03	SW846 8270C
2,4-Dichlorophenol	< 750	750	ug/kg		1/10/03	SW846 8270C
Diethylphthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
2,4-Dimethylphenol	< 750	750	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-7 8' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-068

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Dimethylphthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 750	750	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrophenol	< 1900	1900	ug/kg		1/10/03	SW846 8270C
2,6-Dinitrotoluene	< 750	750	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrotoluene	< 750	750	ug/kg		1/10/03	SW846 8270C
Di-n-butylphthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
Di-n-octylphthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 750	750	ug/kg		1/10/03	SW846 8270C
Fluoranthene	< 750	750	ug/kg		1/10/03	SW846 8270C
Fluorene	< 750	750	ug/kg		1/10/03	SW846 8270C
Hexachlorobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Hexachlorobutadiene	< 750	750	ug/kg		1/10/03	SW846 8270C
Hexachlorocyclopentadiene	< 1500	1500	ug/kg	&	1/10/03	SW846 8270C
Hexachloroethane	< 750	750	ug/kg		1/10/03	SW846 8270C
Isophorone	< 750	750	ug/kg	&	1/10/03	SW846 8270C
2-Methylnaphthalene	< 750	750	ug/kg		1/10/03	SW846 8270C
2-Methylphenol	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Methylphenol	< 750	750	ug/kg		1/10/03	SW846 8270C
Naphthalene	< 750	750	ug/kg		1/10/03	SW846 8270C
3-Nitroaniline	< 1900	1900	ug/kg	&	1/10/03	SW846 8270C
4-Nitroaniline	< 1900	1900	ug/kg		1/10/03	SW846 8270C
2-Nitroaniline	< 750	750	ug/kg		1/10/03	SW846 8270C
Nitrobenzene	< 750	750	ug/kg		1/10/03	SW846 8270C
4-Nitrophenol	< 1900	1900	ug/kg		1/10/03	SW846 8270C
2-Nitrophenol	< 750	750	ug/kg		1/10/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 750	750	ug/kg		1/10/03	SW846 8270C
N-Nitrosodiphenylamine	< 750	750	ug/kg		1/10/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 750	750	ug/kg		1/10/03	SW846 8270C
Pentachlorophenol	< 1900	1900	ug/kg		1/10/03	SW846 8270C
Phenanthrene	< 750	750	ug/kg		1/10/03	SW846 8270C
Phenol	< 750	750	ug/kg		1/10/03	SW846 8270C
Pyrene	< 750	750	ug/kg		1/10/03	SW846 8270C
1,2,4-Trichlorobenzene	< 750	750	ug/kg		1/10/03	SW846 8270C
2,4,5-Trichlorophenol	< 1900	1900	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-7 8' (B)

Lab Sample Number : 830290-068

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

2,4,6-Trichlorophenol	< 750	750	ug/kg	1/10/03	SW846 8270C
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Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 15' (B)

Lab Sample Number : 830290-069

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	84.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	77	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	70	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	73	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	81	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	78	—	%Recov		1/13/03	SW846 8270C
Nitrobenzene-d5	81	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	69	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	74	—	%Recov		1/13/03	SW846 8270C
Acenaphthene	< 980	980	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 980	980	ug/kg		1/13/03	SW846 8270C
Anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 390	390	ug/kg		1/13/03	SW846 8270C
Benzo(k)fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 390	390	ug/kg		1/13/03	SW846 8270C
Butylbenzylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Carbazole	< 390	390	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 390	390	ug/kg	&N	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 390	390	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 390	390	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-10 15' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-069

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2-Chloronaphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 980	980	ug/kg		1/13/03	SW846 8270C
Chrysene	< 390	390	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 390	390	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 390	390	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 390	390	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 390	390	ug/kg	&N	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 980	980	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 390	390	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 390	390	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 390	390	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 390	390	ug/kg		1/13/03	SW846 8270C
Fluorene	< 390	390	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 790	790	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 390	390	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 790	790	ug/kg	&N	1/13/03	SW846 8270C
Hexachloroethane	< 390	390	ug/kg		1/13/03	SW846 8270C
Isophorone	< 390	390	ug/kg	&N	1/13/03	SW846 8270C
2-Methylnaphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 390	390	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 390	390	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 980	980	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 980	980	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-10 15' (B)

Lab Sample Number : 830290-069

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

2-Nitroaniline	< 390	390	ug/kg	1/13/03	SW846 8270C
Nitrobenzene	< 390	390	ug/kg	1/13/03	SW846 8270C
4-Nitrophenol	< 980	980	ug/kg	1/13/03	SW846 8270C
2-Nitrophenol	< 390	390	ug/kg	1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 390	390	ug/kg	1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 390	390	ug/kg	1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 390	390	ug/kg	1/13/03	SW846 8270C
Pentachlorophenol	< 980	980	ug/kg	1/13/03	SW846 8270C
Phenanthrene	< 390	390	ug/kg	1/13/03	SW846 8270C
Phenol	< 390	390	ug/kg	1/13/03	SW846 8270C
Pyrene	< 390	390	ug/kg	1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 390	390	ug/kg	1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 980	980	ug/kg	1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 390	390	ug/kg	1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-14 (0-2)'

Lab Sample Number : 830290-070

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.6	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	79	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.18	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	7.2	0.33	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	11	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	30	11	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.56	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	90.3		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 3.9	3.9	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results.

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Nitrobenzene-d5	67	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	71	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	61	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	69	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	62	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	70	—	%Recov		1/13/03	SW846 8270C
1,2-Dichlorobenzene-d4	55	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	67	—	%Recov		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-14 (0-2)'

Report Date : 2/13/03

Lab Sample Number : 830290-070

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Acenaphthene	< 6100	6100	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 6100	6100	ug/kg		1/13/03	SW846 8270C
Anthracene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Benzo(k)fluoranthene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Butylbenzylphthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Carbazole	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 2400	2400	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 2400	2400	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2-Chloronaphthalene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 6100	6100	ug/kg		1/13/03	SW846 8270C
Chrysene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 2400	2400	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 2400	2400	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 6100	6100	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 2400	2400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-14 (0-2)

Lab Sample Number : 830290-070

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Di-n-butylphthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Fluorene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 4900	4900	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 4900	4900	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Isophorone	< 2400	2400	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 6100	6100	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 6100	6100	ug/kg		1/13/03	SW846 8270C
2-Nitroaniline	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Nitrobenzene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
4-Nitrophenol	< 6100	6100	ug/kg		1/13/03	SW846 8270C
2-Nitrophenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 2400	2400	ug/kg		1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Pentachlorophenol	< 6100	6100	ug/kg		1/13/03	SW846 8270C
Phenanthrene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Phenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C
Pyrene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 2400	2400	ug/kg		1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 6100	6100	ug/kg		1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 2400	2400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-14 (0-2)

Lab Sample Number : 830290-070

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 TAR

Lab Sample Number : 830290-071

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	93.9		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	56	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 270	270	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 270	270	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	17	—	%Recov		1/27/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
Terphenyl-d14	NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	NA	—	%Recov	D	1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 TAR

Report Date : 2/13/03

Lab Sample Number : 830290-071

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Nitrobenzene-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	1.9E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
Anthracene	3.6E+06	700000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	2.6E+06	700000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	2.2E+06	700000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	1.5E+06	700000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	1.1E+06	700000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	2.5E+06	700000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Carbazole	1.7E+06	700000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	1.4E+06	700000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 700000	700000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 700000	700000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
Chrysene	2.4E+06	700000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	2.1E+06	700000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 700000	700000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 TAR

Lab Sample Number : 830290-071

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Dimethylphthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	8.6E+06	700000	ug/kg		1/14/03	SW846 8270C
Fluorene	3.2E+06	700000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 1.4E+06	1.4E+06	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 1.4E+06	1.4E+06	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 700000	700000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	1.1E+06	700000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Naphthalene	3.6E+06	700000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 1.8E+06	1.8E+06	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 700000	700000	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C
Phenanthrene	1.1E+07	700000	ug/kg		1/14/03	SW846 8270C
Phenol	< 700000	700000	ug/kg		1/14/03	SW846 8270C
Pyrene	6.4E+06	700000	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 700000	700000	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 1.8E+06	1.8E+06	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 TAR

Lab Sample Number : 830290-071

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

2,4,6-Trichlorophenol	< 700000	700000	ug/kg	1/14/03	SW846 8270C
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Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 ELETICE INSULAT

Lab Sample Number : 830290-072

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	86.5		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	81	—	%Recov		1/28/03	SW846 8082
Aroclor 1016	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1221	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1232	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1242	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1248	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1254	< 1200	1200	ug/kg		1/28/03	SW846 8082
Aroclor 1260	2700	1200	ug/kg		1/28/03	SW846 8082
Decachlorobiphenyl (ss)	326	—	%Recov		1/28/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	87	—	%Recov		1/14/03	SW846 8270C
Terphenyl-d14	95	—	%Recov		1/14/03	SW846 8270C
Phenol-d5	89	—	%Recov		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 ELETICE INSULAT

Report Date : 2/13/03

Lab Sample Number : 830290-072

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Nitrobenzene-d5	78	—	%Recov		1/14/03	SW846 8270C
2-Fluorophenol	83	—	%Recov		1/14/03	SW846 8270C
2-Fluorobiphenyl	88	—	%Recov		1/14/03	SW846 8270C
2,4,6-Tribromophenol	65	—	%Recov		1/14/03	SW846 8270C
2-Chlorophenol-d4	83	—	%Recov		1/14/03	SW846 8270C
Acenaphthene	< 38000	38000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 38000	38000	ug/kg		1/14/03	SW846 8270C
Anthracene	32000	15000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	38000	15000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	36000	15000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	28000	15000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	20000	15000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	39000	15000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	22000	15000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 15000	15000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 15000	15000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 38000	38000	ug/kg		1/14/03	SW846 8270C
Chrysene	36000	15000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 15000	15000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 15000	15000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 ELETICE INSULAT

Report Date : 2/13/03

Lab Sample Number : 830290-072

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Dimethylphthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 38000	38000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	110000	15000	ug/kg		1/14/03	SW846 8270C
Fluorene	16000	15000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 31000	31000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 31000	31000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 15000	15000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 38000	38000	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 38000	38000	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 38000	38000	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 15000	15000	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 38000	38000	ug/kg		1/14/03	SW846 8270C
Phenanthrene	97000	15000	ug/kg		1/14/03	SW846 8270C
Phenol	< 15000	15000	ug/kg		1/14/03	SW846 8270C
Pyrene	89000	15000	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 15000	15000	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 38000	38000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 ELETICE INSULAT

Report Date : 2/13/03

Lab Sample Number : 830290-072

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2,4,6-Trichlorophenol	< 15000	15000	ug/kg	1/14/03	SW846 8270C
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Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-17+18 2' (A)

Lab Sample Number : 830290-073

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.9	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	91	0.59	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	< 0.12	0.12	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	13	0.35	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	6.6	0.59	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	23	12	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/29/03	SW846 6020	SW846 6020
pH, Laboratory	6.8		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	86.0		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	4.5	2.9	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	51	47	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.2	4.2	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	93	—	%Recov		1/28/03	SW846 8082
Aroclor 1016	< 58	58	ug/kg		1/28/03	SW846 8082
Aroclor 1221	< 58	58	ug/kg		1/28/03	SW846 8082
Aroclor 1232	< 58	58	ug/kg		1/28/03	SW846 8082
Aroclor 1242	< 58	58	ug/kg		1/28/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-17+18 2' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-073

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Aroclor 1248	< 58	58	ug/kg		1/28/03	SW846 8082
Aroclor 1254	< 58	58	ug/kg		1/28/03	SW846 8082
Aroclor 1260	< 58	58	ug/kg		1/28/03	SW846 8082
Decachlorobiphenyl (ss)	80	---	%Recov		1/28/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Terphenyl-d14	66	---	%Recov		1/10/03	SW846 8270C
1,2-Dichlorobenzene-d4	50	---	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	59	---	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	54	---	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	59	---	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	48	---	%Recov		1/10/03	SW846 8270C
Nitrobenzene-d5	64	---	%Recov		1/10/03	SW846 8270C
Phenol-d5	56	---	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 970	970	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 970	970	ug/kg		1/10/03	SW846 8270C
Anthracene	< 380	380	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 380	380	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 380	380	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 380	380	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 380	380	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 380	380	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 380	380	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-17+18 2' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-073

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Carbazole	< 380	380	ug/kg		1/10/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Chloro-3-methylphenol	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Chloroaniline	< 380	380	ug/kg	&	1/10/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 380	380	ug/kg		1/10/03	SW846 8270C
bis(2-Chloroethyl)ether	< 380	380	ug/kg		1/10/03	SW846 8270C
2-Chloronaphthalene	< 380	380	ug/kg		1/10/03	SW846 8270C
2-Chlorophenol	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 970	970	ug/kg		1/10/03	SW846 8270C
Chrysene	< 380	380	ug/kg		1/10/03	SW846 8270C
Dibenzo(a,h)anthracene	< 380	380	ug/kg		1/10/03	SW846 8270C
Dibenzofuran	< 380	380	ug/kg		1/10/03	SW846 8270C
1,3-Dichlorobenzene	< 380	380	ug/kg		1/10/03	SW846 8270C
1,4-Dichlorobenzene	< 380	380	ug/kg		1/10/03	SW846 8270C
1,2-Dichlorobenzene	< 380	380	ug/kg		1/10/03	SW846 8270C
3,3-Dichlorobenzidine	< 380	380	ug/kg	&	1/10/03	SW846 8270C
2,4-Dichlorophenol	< 380	380	ug/kg		1/10/03	SW846 8270C
Diethylphthalate	< 380	380	ug/kg		1/10/03	SW846 8270C
2,4-Dimethylphenol	< 380	380	ug/kg		1/10/03	SW846 8270C
Dimethylphthalate	< 380	380	ug/kg		1/10/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 380	380	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrophenol	< 970	970	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrotoluene	< 380	380	ug/kg		1/10/03	SW846 8270C
2,6-Dinitrotoluene	< 380	380	ug/kg		1/10/03	SW846 8270C
Di-n-butylphthalate	< 380	380	ug/kg		1/10/03	SW846 8270C
Di-n-octylphthalate	< 380	380	ug/kg		1/10/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 380	380	ug/kg		1/10/03	SW846 8270C
Fluoranthene	< 380	380	ug/kg		1/10/03	SW846 8270C
Fluorene	< 380	380	ug/kg		1/10/03	SW846 8270C
Hexachlorobenzene	< 780	780	ug/kg		1/10/03	SW846 8270C
Hexachlorobutadiene	< 380	380	ug/kg		1/10/03	SW846 8270C
Hexachlorocyclopentadiene	< 780	780	ug/kg	&	1/10/03	SW846 8270C
Hexachloroethane	< 380	380	ug/kg		1/10/03	SW846 8270C
Isophorone	< 380	380	ug/kg	&	1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-17+18 2' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-073

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2-Methylnaphthalene	< 380	380	ug/kg		1/10/03	SW846 8270C
2-Methylphenol	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Methylphenol	< 380	380	ug/kg		1/10/03	SW846 8270C
Naphthalene	< 380	380	ug/kg		1/10/03	SW846 8270C
3-Nitroaniline	< 970	970	ug/kg	&	1/10/03	SW846 8270C
4-Nitroaniline	< 970	970	ug/kg		1/10/03	SW846 8270C
2-Nitroaniline	< 380	380	ug/kg		1/10/03	SW846 8270C
Nitrobenzene	< 380	380	ug/kg		1/10/03	SW846 8270C
4-Nitrophenol	< 970	970	ug/kg		1/10/03	SW846 8270C
2-Nitrophenol	< 380	380	ug/kg		1/10/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 380	380	ug/kg		1/10/03	SW846 8270C
N-Nitrosodiphenylamine	< 380	380	ug/kg		1/10/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 380	380	ug/kg		1/10/03	SW846 8270C
Pentachlorophenol	< 970	970	ug/kg		1/10/03	SW846 8270C
Phenanthrene	< 380	380	ug/kg		1/10/03	SW846 8270C
Phenol	< 380	380	ug/kg		1/10/03	SW846 8270C
Pyrene	< 380	380	ug/kg		1/10/03	SW846 8270C
1,2,4-Trichlorobenzene	< 380	380	ug/kg		1/10/03	SW846 8270C
2,4,5-Trichlorophenol	< 970	970	ug/kg		1/10/03	SW846 8270C
2,4,6-Trichlorophenol	< 380	380	ug/kg		1/10/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-13 (0-1) (A)

Lab Sample Number : 830290-074

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.8	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	190	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.12	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	12	0.33	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	8.0	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	29	11	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	1.4	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.55	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
pH, Laboratory	7.0		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	89.6		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 2.8	2.8	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	50	45	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL Prep Method: Wi MOD DRO Prep Date: 1/8/03 Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	24	4.1	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

PCB LIST - SOIL Prep Method: SW846 3550 Prep Date: 1/10/03 Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	70	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 56	56	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 56	56	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 56	56	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 56	56	ug/kg		1/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-13 (0-1) (A)

Report Date : 2/13/03

Lab Sample Number : 830290-074

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Aroclor 1248	< 56	56	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 56	56	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 56	56	ug/kg		1/27/03	SW846 8082
Decchlorobiphenyl (ss)	58	—	%Recov		1/27/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Terphenyl-d14	76	---	%Recov		1/10/03	SW846 8270C
1,2-Dichlorobenzene-d4	54	---	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	79	---	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	68	---	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	80	---	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	66	---	%Recov		1/10/03	SW846 8270C
Nitrobenzene-d5	76	---	%Recov		1/10/03	SW846 8270C
Phenol-d5	67	---	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 3700	3700	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 3700	3700	ug/kg		1/10/03	SW846 8270C
Anthracene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-13 (0-1) (A)

Report Date : 2/13/03

Lab Sample Number : 830290-074

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Carbazole	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Chloro-3-methylphenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Chloroaniline	< 1500	1500	ug/kg	&	1/10/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 1500	1500	ug/kg		1/10/03	SW846 8270C
bis(2-Chloroethyl)ether	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2-Chloronaphthalene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2-Chlorophenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 3700	3700	ug/kg		1/10/03	SW846 8270C
Chrysene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Dibenzo(a,h)anthracene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Dibenzofuran	< 1500	1500	ug/kg		1/10/03	SW846 8270C
1,3-Dichlorobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
1,4-Dichlorobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
1,2-Dichlorobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
3,3-Dichlorobenzidine	< 1500	1500	ug/kg	&	1/10/03	SW846 8270C
2,4-Dichlorophenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Diethylphthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2,4-Dimethylphenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Dimethylphthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrophenol	< 3700	3700	ug/kg		1/10/03	SW846 8270C
2,4-Dinitrotoluene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2,6-Dinitrotoluene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Di-n-butylphthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Di-n-octylphthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Fluoranthene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Fluorene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Hexachlorobenzene	< 3000	3000	ug/kg		1/10/03	SW846 8270C
Hexachlorobutadiene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Hexachlorocyclopentadiene	< 3000	3000	ug/kg	&	1/10/03	SW846 8270C
Hexachloroethane	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Isophorone	< 1500	1500	ug/kg	&	1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-13 (0-1) (A)

Report Date : 2/13/03

Lab Sample Number : 830290-074

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

2-Methylnaphthalene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2-Methylphenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Methylphenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Naphthalene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
3-Nitroaniline	< 3700	3700	ug/kg	&	1/10/03	SW846 8270C
4-Nitroaniline	< 3700	3700	ug/kg		1/10/03	SW846 8270C
2-Nitroaniline	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Nitrobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
4-Nitrophenol	< 3700	3700	ug/kg		1/10/03	SW846 8270C
2-Nitrophenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 1500	1500	ug/kg		1/10/03	SW846 8270C
N-Nitrosodiphenylamine	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Pentachlorophenol	< 3700	3700	ug/kg		1/10/03	SW846 8270C
Phenanthrene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Phenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C
Pyrene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
1,2,4-Trichlorobenzene	< 1500	1500	ug/kg		1/10/03	SW846 8270C
2,4,5-Trichlorophenol	< 3700	3700	ug/kg		1/10/03	SW846 8270C
2,4,6-Trichlorophenol	< 1500	1500	ug/kg		1/10/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 4-5 TRASH P12 (A)

Lab Sample Number : 830290-075

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	84	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	95	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.81	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	17	0.34	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	150	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.45	0.011	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.56	0.56	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	88.6		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: WI MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	56000	1700	mg/kg		1/8/03	WI MOD DRO
Blank spike	94	—	%Recov		1/8/03	WI MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	WI MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	WI MOD DRO

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	78	—	%Recov		1/28/03	SW846 8082
Aroclor 1016	< 56	56	ug/kg		1/28/03	SW846 8082
Aroclor 1221	< 56	56	ug/kg		1/28/03	SW846 8082
Aroclor 1232	< 56	56	ug/kg		1/28/03	SW846 8082
Aroclor 1242	< 56	56	ug/kg		1/28/03	SW846 8082
Aroclor 1248	< 56	56	ug/kg		1/28/03	SW846 8082
Aroclor 1254	100	56	ug/kg		1/28/03	SW846 8082
Aroclor 1260	80	56	ug/kg		1/28/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 4-5 TRASH P12 (A)

Report Date : 2/13/03

Lab Sample Number : 830290-075

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Decachlorobiphenyl (ss) 114 — %Recov 1/28/03 SW846 8082

Organic Results

PCB-BLANK Prep Method: SW846 3545 Prep Date: 1/27/03 Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES Prep Method: SW846 3545 Prep Date: 1/8/03 Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Terphenyl-d14	NA	—	%Recov	D	1/14/03	SW846 8270C
1,2-Dichlorobenzene-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
Nitrobenzene-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	< 900000	900000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 900000	900000	ug/kg		1/14/03	SW846 8270C
Anthracene	1.1E+06	360000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	1.1E+06	360000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	930000	360000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	760000	360000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	450000	360000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	940000	360000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	570000	360000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 4-5 TRASH P12 (A)

Lab Sample Number : 830290-075

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

4-Chloroaniline	< 360000	360000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 360000	360000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 900000	900000	ug/kg		1/14/03	SW846 8270C
Chrysene	1000000	360000	ug/kg		1/14/03	SW846 8270C
Dibenzo(a,h)anthracene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 360000	360000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 360000	360000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 900000	900000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	3.1E+06	360000	ug/kg		1/14/03	SW846 8270C
Fluorene	540000	360000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 730000	730000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 730000	730000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 360000	360000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 4-5 TRASH P12 (A)

Report Date : 2/13/03

Lab Sample Number : 830290-075

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Naphthalene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 900000	900000	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 900000	900000	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 900000	900000	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 360000	360000	ug/kg		1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Pentachlorophenol	< 900000	900000	ug/kg		1/14/03	SW846 8270C
Phenanthrene	2.5E+06	360000	ug/kg		1/14/03	SW846 8270C
Phenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C
Pyrene	2.7E+06	360000	ug/kg		1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 360000	360000	ug/kg		1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 900000	900000	ug/kg		1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 360000	360000	ug/kg		1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 SLAG

Lab Sample Number : 830290-076

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.5	1.3	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Barium	18	0.64	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Cadmium	0.43	0.13	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Chromium	11	0.39	mg/Kg		1/21/03	SW846 3050B	SW846 6020
Lead	94	0.64	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Mercury	0.080	0.013	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 1.3	1.3	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Silver	< 0.64	0.64	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Solids, percent	77.9		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	85	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 640	640	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 640	640	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	69	—	%Recov		1/27/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 SLAG

Lab Sample Number : 830290-076

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES		Prep Method: SW846 3545		Prep Date: 1/8/03		Analyst: RJN
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
Terphenyl-d14	NA	—	%Recov	D	1/14/03	SW846 8270C
Phenol-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
Nitrobenzene-d5	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorophenol	NA	—	%Recov	D	1/14/03	SW846 8270C
2-Fluorobiphenyl	NA	—	%Recov	D	1/14/03	SW846 8270C
2,4,6-Tribromophenol	< NA	—	%Recov	D	1/14/03	SW846 8270C
2-Chlorophenol-d4	NA	—	%Recov	D	1/14/03	SW846 8270C
Acenaphthene	< 470000	470000	ug/kg		1/14/03	SW846 8270C
Acenaphthylene	< 470000	470000	ug/kg		1/14/03	SW846 8270C
Anthracene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Benzo(a)anthracene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Benzo(a)pyrene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Benzo(b)fluoranthene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Benzo(g,h,i)perylene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Benzo(k)fluoranthene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Bromophenyl phenyl ether	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Butylbenzylphthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Carbazole	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Chloro-3-methylphenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Chloroaniline	< 190000	190000	ug/kg	&	1/14/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 190000	190000	ug/kg		1/14/03	SW846 8270C
bis(2-Chloroethyl)ether	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2-Chloronaphthalene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2-Chlorophenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 470000	470000	ug/kg		1/14/03	SW846 8270C
Chrysene	< 190000	190000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 SLAG

Lab Sample Number : 830290-076

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Dibenzo(a,h)anthracene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Dibenzofuran	< 190000	190000	ug/kg		1/14/03	SW846 8270C
1,3-Dichlorobenzene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
1,4-Dichlorobenzene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
1,2-Dichlorobenzene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
3,3-Dichlorobenzidine	< 190000	190000	ug/kg	&	1/14/03	SW846 8270C
2,4-Dichlorophenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Diethylphthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2,4-Dimethylphenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Dimethylphthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrophenol	< 470000	470000	ug/kg		1/14/03	SW846 8270C
2,6-Dinitrotoluene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2,4-Dinitrotoluene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Di-n-butylphthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Di-n-octylphthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Fluoranthene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Fluorene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Hexachlorobenzene	< 380000	380000	ug/kg		1/14/03	SW846 8270C
Hexachlorobutadiene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Hexachlorocyclopentadiene	< 380000	380000	ug/kg	&	1/14/03	SW846 8270C
Hexachloroethane	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Isophorone	< 190000	190000	ug/kg	&	1/14/03	SW846 8270C
2-Methylnaphthalene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
2-Methylphenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Methylphenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Naphthalene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
3-Nitroaniline	< 470000	470000	ug/kg	&	1/14/03	SW846 8270C
4-Nitroaniline	< 470000	470000	ug/kg		1/14/03	SW846 8270C
2-Nitroaniline	< 190000	190000	ug/kg		1/14/03	SW846 8270C
Nitrobenzene	< 190000	190000	ug/kg		1/14/03	SW846 8270C
4-Nitrophenol	< 470000	470000	ug/kg		1/14/03	SW846 8270C
2-Nitrophenol	< 190000	190000	ug/kg		1/14/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 SLAG

Lab Sample Number : 830290-076

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

N-Nitroso-di-n-propylamine	< 190000	190000	ug/kg	1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 190000	190000	ug/kg	1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Pentachlorophenol	< 470000	470000	ug/kg	1/14/03	SW846 8270C
Phenanthrene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Phenol	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Pyrene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 470000	470000	ug/kg	1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 190000	190000	ug/kg	1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/8/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : WWTP-TP-12 SLAG
 Lab Sample Number : 830290-076
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 1/2/03
 Matrix Type : SOIL

N-Nitroso-di-n-propylamine	< 190000	190000	ug/kg	1/14/03	SW846 8270C
N-Nitrosodiphenylamine	< 190000	190000	ug/kg	1/14/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Pentachlorophenol	< 470000	470000	ug/kg	1/14/03	SW846 8270C
Phenanthrene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Phenol	< 190000	190000	ug/kg	1/14/03	SW846 8270C
Pyrene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
1,2,4-Trichlorobenzene	< 190000	190000	ug/kg	1/14/03	SW846 8270C
2,4,5-Trichlorophenol	< 470000	470000	ug/kg	1/14/03	SW846 8270C
2,4,6-Trichlorophenol	< 190000	190000	ug/kg	1/14/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK Prep Method: SW846 3445 Prep Date: 1/8/03 Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-26					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-11 10' (A)

Lab Sample Number : 830290-077

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.4	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	73	0.57	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.12	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	11	0.34	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	6.2	0.57	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	25	12	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.57	0.57	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	87.1		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 4.3	4.3	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	---	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	---	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	80	---	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1248	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 57	57	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 57	57	ug/kg		1/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-11 10' (A)

Report Date : 2/13/03

Lab Sample Number : 830290-077

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

4-Chloroaniline	< 380	380	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 380	380	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 380	380	ug/kg		1/13/03	SW846 8270C
2-Chloronaphthalene	< 380	380	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 380	380	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 950	950	ug/kg		1/13/03	SW846 8270C
Chrysene	< 380	380	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 380	380	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 380	380	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 380	380	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 380	380	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 380	380	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 380	380	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 380	380	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 380	380	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 380	380	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 380	380	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 380	380	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 950	950	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 380	380	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 380	380	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	< 380	380	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 380	380	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 380	380	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 380	380	ug/kg		1/13/03	SW846 8270C
Fluorene	< 380	380	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 770	770	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 380	380	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 770	770	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 380	380	ug/kg		1/13/03	SW846 8270C
Isophorone	< 380	380	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 380	380	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 380	380	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 380	380	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-11 10' (A)

Lab Sample Number : 830290-077

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Naphthalene	< 380	380	ug/kg	1/13/03	SW846 8270C
3-Nitroaniline	< 950	950	ug/kg	1/13/03	SW846 8270C
4-Nitroaniline	< 950	950	ug/kg	1/13/03	SW846 8270C
2-Nitroaniline	< 380	380	ug/kg	1/13/03	SW846 8270C
Nitrobenzene	< 380	380	ug/kg	1/13/03	SW846 8270C
4-Nitrophenol	< 950	950	ug/kg	1/13/03	SW846 8270C
2-Nitrophenol	< 380	380	ug/kg	1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 380	380	ug/kg	1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 380	380	ug/kg	1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 380	380	ug/kg	1/13/03	SW846 8270C
Pentachlorophenol	< 950	950	ug/kg	1/13/03	SW846 8270C
Phenanthrene	< 380	380	ug/kg	1/13/03	SW846 8270C
Phenol	< 380	380	ug/kg	1/13/03	SW846 8270C
Pyrene	< 380	380	ug/kg	1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 380	380	ug/kg	1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 950	950	ug/kg	1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 380	380	ug/kg	1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-22 0-2

Lab Sample Number : 830290-078

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.5	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Barium	110	0.58	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Cadmium	0.14	0.12	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Chromium	16	0.35	mg/Kg		1/21/03	SW846 3050B	SW846 6020
Lead	7.4	0.58	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Mercury	20	12	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Silver	< 0.58	0.58	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Solids, percent	86.9		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-20 2' (B)

Lab Sample Number : 830290-079

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.9	1.5	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	120	0.76	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.61	0.15	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	14	0.45	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	41	0.76	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	590	15	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.5	1.5	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	1.1	0.76	mg/Kg		1/29/03	SW846 6020	SW846 6020
pH, Laboratory	7.7		su	H	1/8/03	SW846 9045A	SW846 9045A
Solids, percent	66.4		%		1/7/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.8	3.8	mg/Kg	H	2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	69	60	mg/Kg		1/13/03	EPA 300.0	EPA 300.0

Organic Results

Preservation Date: 1/8/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/8/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	8.0	5.7	mg/kg		1/8/03	Wi MOD DRO
Blank spike	94	—	%Recov		1/8/03	Wi MOD DRO
Blank spike duplicate	106	—	%Recov		1/8/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/8/03	Wi MOD DRO

Organic Results

PCB LIST - SOIL

Prep Method: SW846 3550

Prep Date: 1/10/03

Analyst: KIO

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Tetrachloro-m-xylene (ss)	66	—	%Recov		1/27/03	SW846 8082
Aroclor 1016	< 75	75	ug/kg		1/27/03	SW846 8082
Aroclor 1221	< 75	75	ug/kg		1/27/03	SW846 8082
Aroclor 1232	< 75	75	ug/kg		1/27/03	SW846 8082
Aroclor 1242	< 75	75	ug/kg		1/27/03	SW846 8082

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-20 2' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-079

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Aroclor 1248	< 75	75	ug/kg		1/27/03	SW846 8082
Aroclor 1254	< 75	75	ug/kg		1/27/03	SW846 8082
Aroclor 1260	< 75	75	ug/kg		1/27/03	SW846 8082
Decachlorobiphenyl (ss)	52	—	%Recov		1/27/03	SW846 8082

Organic Results

PCB-BLANK

Prep Method: SW846 3545

Prep Date: 1/27/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
PCB BLANK	PBLK 13					SW846 8082

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/8/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Terphenyl-d14	65	—	%Recov		1/10/03	SW846 8270C
1,2-Dichlorobenzene-d4	30	—	%Recov		1/10/03	SW846 8270C
2,4,6-Tribromophenol	63	—	%Recov		1/10/03	SW846 8270C
2-Chlorophenol-d4	37	—	%Recov		1/10/03	SW846 8270C
2-Fluorobiphenyl	49	—	%Recov		1/10/03	SW846 8270C
2-Fluorophenol	30	—	%Recov	F	1/10/03	SW846 8270C
Nitrobenzene-d5	54	—	%Recov		1/10/03	SW846 8270C
Phenol-d5	49	—	%Recov		1/10/03	SW846 8270C
Acenaphthene	< 1300	1300	ug/kg		1/10/03	SW846 8270C
Acenaphthylene	< 1300	1300	ug/kg		1/10/03	SW846 8270C
Anthracene	< 500	500	ug/kg		1/10/03	SW846 8270C
Benzo(a)anthracene	< 500	500	ug/kg		1/10/03	SW846 8270C
Benzo(a)pyrene	< 500	500	ug/kg		1/10/03	SW846 8270C
Benzo(b)fluoranthene	< 500	500	ug/kg		1/10/03	SW846 8270C
Benzo(g,h,i)perylene	< 500	500	ug/kg		1/10/03	SW846 8270C
Benzo(k)fluoranthene	< 500	500	ug/kg		1/10/03	SW846 8270C
4-Bromophenyl phenyl ether	< 500	500	ug/kg		1/10/03	SW846 8270C
Butylbenzylphthalate	< 500	500	ug/kg		1/10/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-17+18 2' (B)

Lab Sample Number : 830290-080

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	86.0		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 290	290	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 29	29	ug/kg		1/8/03	SW846 8260B
Benzene	< 29	29	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 29	29	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 29	29	ug/kg		1/8/03	SW846 8260B
Bromoform	< 29	29	ug/kg		1/8/03	SW846 8260B
Bromobenzene	< 29	29	ug/kg		1/8/03	SW846 8260B
Bromomethane	< 29	29	ug/kg		1/8/03	SW846 8260B
2-Butanone	< 290	290	ug/kg		1/8/03	SW846 8260B
s-Butylbenzene	< 29	29	ug/kg		1/8/03	SW846 8260B
t-Butylbenzene	< 29	29	ug/kg		1/8/03	SW846 8260B
n-Butylbenzene	< 29	29	ug/kg		1/8/03	SW846 8260B
Carbon tetrachloride	< 29	29	ug/kg		1/8/03	SW846 8260B
Chloroform	< 29	29	ug/kg		1/8/03	SW846 8260B
Chlorobenzene	< 29	29	ug/kg		1/8/03	SW846 8260B
Chlorodibromomethane	< 29	29	ug/kg		1/8/03	SW846 8260B
Chloroethane	< 29	29	ug/kg		1/8/03	SW846 8260B
Chloromethane	< 29	29	ug/kg		1/8/03	SW846 8260B
2-Chlorotoluene	< 29	29	ug/kg		1/8/03	SW846 8260B
4-Chlorotoluene	< 29	29	ug/kg		1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 58	58	ug/kg		1/8/03	SW846 8260B
1,2-Dibromoethane	< 29	29	ug/kg		1/8/03	SW846 8260B
Dibromomethane	< 29	29	ug/kg		1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 29	29	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-17+18 2' (B)

Lab Sample Number : 830290-080

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

1,4-Dichlorobenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 29	29	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 29	29	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 29	29	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 29	29	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 29	29	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 29	29	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 29	29	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 29	29	ug/kg	1/8/03	SW846 8260B
Ethylbenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 29	29	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 29	29	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 29	29	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 29	29	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 29	29	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 290	290	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 29	29	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 29	29	ug/kg	1/8/03	SW846 8260B
n-Propylbenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
Styrene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 29	29	ug/kg	1/8/03	SW846 8260B
Toluene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-17+18 2' (B)

Lab Sample Number : 830290-080

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

1,1,2-Trichloroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 29	29	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 29	29	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 290	290	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 29	29	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 29	29	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p,	< 29	29	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 29	29	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	97	---	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	108	---	%Recov	1/8/03	SW846 8260B
Toluene-d8	115	---	%Recov	1/8/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-13 (0-1) (B)

Lab Sample Number : 830290-081

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	89.6		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	1300	280	ug/kg	&	1/10/03	SW846 8260B
Allyl Chloride	< 28	28	ug/kg		1/10/03	SW846 8260B
Benzene	170	28	ug/kg		1/10/03	SW846 8260B
Bromochloromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Bromodichloromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Bromoforn	< 28	28	ug/kg		1/10/03	SW846 8260B
Bromobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
Bromomethane	< 28	28	ug/kg		1/10/03	SW846 8260B
2-Butanone	< 280	280	ug/kg		1/10/03	SW846 8260B
s-Butylbenzene	41	28	ug/kg		1/10/03	SW846 8260B
t-Butylbenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
n-Butylbenzene	170	28	ug/kg		1/10/03	SW846 8260B
Carbon tetrachloride	< 28	28	ug/kg		1/10/03	SW846 8260B
Chloroform	< 28	28	ug/kg		1/10/03	SW846 8260B
Chlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
Chlorodibromomethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Chloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Chloromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
2-Chlorotoluene	< 28	28	ug/kg		1/10/03	SW846 8260B
4-Chlorotoluene	< 28	28	ug/kg		1/10/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 56	56	ug/kg		1/10/03	SW846 8260B
1,2-Dibromoethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Dibromomethane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,3-Dichlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-13 (0-1) (B)

Report Date : 2/13/03

Lab Sample Number : 830290-081

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,4-Dichlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
1,2-Dichloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,2-Dichlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
1,1-Dichloroethene	< 28	28	ug/kg		1/10/03	SW846 8260B
cis-1,2-Dichloroethene	< 28	28	ug/kg		1/10/03	SW846 8260B
Dichlorodifluoromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
trans-1,2-Dichloroethene	< 28	28	ug/kg		1/10/03	SW846 8260B
Dichlorofluoromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,2-Dichloropropane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,1-Dichloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,3-Dichloropropane	< 28	28	ug/kg		1/10/03	SW846 8260B
2,2-Dichloropropane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,1-Dichloropropene	< 28	28	ug/kg		1/10/03	SW846 8260B
cis-1,3-Dichloropropene	< 28	28	ug/kg		1/10/03	SW846 8260B
trans-1,3-Dichloropropene	< 28	28	ug/kg		1/10/03	SW846 8260B
Ethylbenzene	710	28	ug/kg		1/10/03	SW846 8260B
Diethyl ether	< 28	28	ug/kg		1/10/03	SW846 8260B
Fluorotrchloromethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Hexachlorobutadiene	< 28	28	ug/kg		1/10/03	SW846 8260B
Isopropylbenzene	130	28	ug/kg		1/10/03	SW846 8260B
p-Isopropyltoluene	110	28	ug/kg		1/10/03	SW846 8260B
Methylene chloride	< 28	28	ug/kg		1/10/03	SW846 8260B
4-Methyl-2-pentanone	< 280	280	ug/kg		1/10/03	SW846 8260B
Methyl-tert-butyl-ether	< 28	28	ug/kg		1/10/03	SW846 8260B
Naphthalene	3200	28	ug/kg		1/10/03	SW846 8260B
n-Propylbenzene	260	28	ug/kg		1/10/03	SW846 8260B
Styrene	< 28	28	- ug/kg	&	1/10/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B
Tetrachloroethene	< 28	28	ug/kg		1/10/03	SW846 8260B
Toluene	4500	28	ug/kg		1/10/03	SW846 8260B
1,2,3-Trichlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
1,2,4-Trichlorobenzene	< 28	28	ug/kg		1/10/03	SW846 8260B
1,1,1-Trichloroethane	< 28	28	ug/kg		1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-13 (0-1) (B)

Lab Sample Number : 830290-081

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

1,1,2-Trichloroethane	< 28	28	ug/kg	1/10/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 28	28	ug/kg	1/10/03	SW846 8260B
1,2,4-Trimethylbenzene	1400	28	ug/kg	1/10/03	SW846 8260B
Trichloroethene	< 28	28	ug/kg	1/10/03	SW846 8260B
1,2,3-Trichloropropane	< 28	28	ug/kg	1/10/03	SW846 8260B
Tetrahydrofuran	< 280	280	ug/kg	1/10/03	SW846 8260B
1,3,5-Trimethylbenzene	350	28	ug/kg	1/10/03	SW846 8260B
Vinyl chloride	< 28	28	ug/kg	1/10/03	SW846 8260B
Xylenes, -m, -p	4700	28	ug/kg	1/10/03	SW846 8260B
Xylene, -o	2200	28	ug/kg	1/10/03	SW846 8260B
4-Bromofluorobenzene	80	—	%Recov	1/10/03	SW846 8260B
Dibromofluoromethane	85	—	%Recov	1/10/03	SW846 8260B
Toluene-d8	86	—	%Recov	1/10/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW
 Project Number : 41027052
 Field ID : WWTP-TP-12 (4-5) TRASH P12 ()
 Lab Sample Number : 830290-082
 MDH LAB ID : 055-999-334
 Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 1/2/03
 Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	88.6		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL Prep Method: 5030B/5035 Prep Date: 1/8/03 Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 11000	11000	ug/kg		1/13/03	SW846 8260B
Allyl Chloride	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Benzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Bromochloromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Bromodichloromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Bromoform	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Bromobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Bromomethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
2-Butanone	< 11000	11000	ug/kg		1/13/03	SW846 8260B
s-Butylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
t-Butylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
n-Butylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Carbon tetrachloride	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Chloroform	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Chlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Chlorodibromomethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Chloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Chloromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
2-Chlorotoluene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
4-Chlorotoluene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 2300	2300	ug/kg		1/13/03	SW846 8260B
1,2-Dibromoethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Dibromomethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,3-Dichlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-12 (4-5) TRASH P12 (

Report Date : 2/13/03

Lab Sample Number : 830290-082

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,4-Dichlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2-Dichloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2-Dichlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1-Dichloroethene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
cis-1,2-Dichloroethene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Dichlorodifluoromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
trans-1,2-Dichloroethene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Dichlorofluoromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2-Dichloropropane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1-Dichloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,3-Dichloropropane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
2,2-Dichloropropane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1-Dichloropropene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
cis-1,3-Dichloropropene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
trans-1,3-Dichloropropene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Ethylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Diethyl ether	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Fluorotrichloromethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Hexachlorobutadiene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Isopropylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
p-Isopropyltoluene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Methylene chloride	< 1100	1100	ug/kg		1/13/03	SW846 8260B
4-Methyl-2-pentanone	< 11000	11000	ug/kg		1/13/03	SW846 8260B
Methyl-tert-butyl-ether	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Naphthalene	300000	1100	ug/kg		1/13/03	SW846 8260B
n-Propylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Styrene	< 1100	1100	ug/kg	&	1/13/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Tetrachloroethene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Toluene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2,3-Trichlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2,4-Trichlorobenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1,1-Trichloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-12 (4-5) TRASH P12 (

Lab Sample Number : 830290-082

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

1,1,2-Trichloroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2,4-Trimethylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Trichloroethene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
1,2,3-Trichloropropane	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Tetrahydrofuran	< 11000	11000	ug/kg		1/13/03	SW846 8260B
1,3,5-Trimethylbenzene	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Vinyl chloride	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Xylenes, -m, -p	< 1100	1100	ug/kg		1/13/03	SW846 8260B
Xylene, -o	< 1100	1100	ug/kg		1/13/03	SW846 8260B
4-Bromofluorobenzene	68	—	%Recov		1/13/03	SW846 8260B
Dibromofluoromethane	61	—	%Recov		1/13/03	SW846 8260B
Toluene-d8	59	—	%Recov	F	1/13/03	SW846 8260B

Organic Results

VOC-BLK	Prep Method:	Prep Date:	Analyst:			
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-11 10' (B)

Lab Sample Number : 830290-083

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	87.1		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 290	290	ug/kg		1/10/03	SW846 8260B
Allyl Chloride	< 29	29	ug/kg		1/10/03	SW846 8260B
Benzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Bromochloromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Bromodichloromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Bromoform	< 29	29	ug/kg		1/10/03	SW846 8260B
Bromobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Bromomethane	< 29	29	ug/kg		1/10/03	SW846 8260B
2-Butanone	< 290	290	ug/kg		1/10/03	SW846 8260B
s-Butylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
t-Butylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
n-Butylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Carbon tetrachloride	< 29	29	ug/kg		1/10/03	SW846 8260B
Chloroform	< 29	29	ug/kg		1/10/03	SW846 8260B
Chlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Chlorodibromomethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Chloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Chloromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
2-Chlorotoluene	< 29	29	ug/kg		1/10/03	SW846 8260B
4-Chlorotoluene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 57	57	ug/kg		1/10/03	SW846 8260B
1,2-Dibromoethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Dibromomethane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,3-Dichlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-11 10' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-083

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,4-Dichlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2-Dichloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2-Dichlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,1-Dichloroethene	< 29	29	ug/kg		1/10/03	SW846 8260B
cis-1,2-Dichloroethene	< 29	29	ug/kg		1/10/03	SW846 8260B
Dichlorodifluoromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
trans-1,2-Dichloroethene	< 29	29	ug/kg		1/10/03	SW846 8260B
Dichlorofluoromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2-Dichloropropane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,1-Dichloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,3-Dichloropropane	< 29	29	ug/kg		1/10/03	SW846 8260B
2,2-Dichloropropane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,1-Dichloropropene	< 29	29	ug/kg		1/10/03	SW846 8260B
cis-1,3-Dichloropropene	< 29	29	ug/kg		1/10/03	SW846 8260B
trans-1,3-Dichloropropene	< 29	29	ug/kg		1/10/03	SW846 8260B
Ethylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Diethyl ether	< 29	29	ug/kg		1/10/03	SW846 8260B
Fluorotrichloromethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Hexachlorobutadiene	< 29	29	ug/kg		1/10/03	SW846 8260B
Isopropylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
p-Isopropyltoluene	< 29	29	ug/kg		1/10/03	SW846 8260B
Methylene chloride	< 29	29	ug/kg		1/10/03	SW846 8260B
4-Methyl-2-pentanone	< 290	290	ug/kg		1/10/03	SW846 8260B
Methyl-tert-butyl-ether	< 29	29	ug/kg		1/10/03	SW846 8260B
Naphthalene	57	29	ug/kg		1/10/03	SW846 8260B
n-Propylbenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
Styrene	< 29	29	ug/kg	&	1/10/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B
Tetrachloroethene	< 29	29	ug/kg		1/10/03	SW846 8260B
Toluene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2,3-Trichlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,2,4-Trichlorobenzene	< 29	29	ug/kg		1/10/03	SW846 8260B
1,1,1-Trichloroethane	< 29	29	ug/kg		1/10/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-11 10' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-083

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,1,2-Trichloroethane	< 29	29	ug/kg	1/10/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 29	29	ug/kg	1/10/03	SW846 8260B
1,2,4-Trimethylbenzene	< 29	29	ug/kg	1/10/03	SW846 8260B
Trichloroethene	< 29	29	ug/kg	1/10/03	SW846 8260B
1,2,3-Trichloropropane	< 29	29	ug/kg	1/10/03	SW846 8260B
Tetrahydrofuran	< 290	290	ug/kg	1/10/03	SW846 8260B
1,3,5-Trimethylbenzene	< 29	29	ug/kg	1/10/03	SW846 8260B
Vinyl chloride	< 29	29	ug/kg	1/10/03	SW846 8260B
Xylenes, -m, -p	< 29	29	ug/kg	1/10/03	SW846 8260B
Xylene, -o	< 29	29	ug/kg	1/10/03	SW846 8260B
4-Bromofluorobenzene	86	—	%Recov	1/10/03	SW846 8260B
Dibromofluoromethane	89	—	%Recov	1/10/03	SW846 8260B
Toluene-d8	94	—	%Recov	1/10/03	SW846 8260B

Organic Results

VOC-BLK

Prep Method:

Prep Date:

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-20 2' (B)

Lab Sample Number : 830290-084

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	66.4		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/8/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 380	380	ug/kg		1/8/03	SW846 8260B
Allyl Chloride	< 38	38	ug/kg		1/8/03	SW846 8260B
Benzene	< 38	38	ug/kg		1/8/03	SW846 8260B
Bromochloromethane	< 38	38	ug/kg		1/8/03	SW846 8260B
Bromodichloromethane	< 38	38	ug/kg		1/8/03	SW846 8260B
Bromoform	< 38	38	ug/kg		1/8/03	SW846 8260B
Bromobenzene	< 38	38	ug/kg		1/8/03	SW846 8260B
Bromomethane	< 38	38	ug/kg		1/8/03	SW846 8260B
2-Butanone	< 380	380	ug/kg		1/8/03	SW846 8260B
s-Butylbenzene	< 38	38	ug/kg		1/8/03	SW846 8260B
t-Butylbenzene	< 38	38	ug/kg		1/8/03	SW846 8260B
n-Butylbenzene	< 38	38	ug/kg		1/8/03	SW846 8260B
Carbon tetrachloride	< 38	38	ug/kg		1/8/03	SW846 8260B
Chloroform	< 38	38	ug/kg		1/8/03	SW846 8260B
Chlorobenzene	< 38	38	ug/kg		1/8/03	SW846 8260B
Chlorodibromomethane	< 38	38	ug/kg		1/8/03	SW846 8260B
Chloroethane	< 38	38	ug/kg		1/8/03	SW846 8260B
Chloromethane	< 38	38	ug/kg		1/8/03	SW846 8260B
2-Chlorotoluene	< 38	38	ug/kg		1/8/03	SW846 8260B
4-Chlorotoluene	< 38	38	ug/kg		1/8/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 75	75	ug/kg		1/8/03	SW846 8260B
1,2-Dibromoethane	< 38	38	ug/kg		1/8/03	SW846 8260B
Dibromomethane	< 38	38	ug/kg		1/8/03	SW846 8260B
1,3-Dichlorobenzene	< 38	38	ug/kg		1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-20 2' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-084

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,4-Dichlorobenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2-Dichloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2-Dichlorobenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethene	< 38	38	ug/kg	1/8/03	SW846 8260B
cis-1,2-Dichloroethene	< 38	38	ug/kg	1/8/03	SW846 8260B
Dichlorodifluoromethane	< 38	38	ug/kg	1/8/03	SW846 8260B
trans-1,2-Dichloroethene	< 38	38	ug/kg	1/8/03	SW846 8260B
Dichlorofluoromethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2-Dichloropropane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1-Dichloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,3-Dichloropropane	< 38	38	ug/kg	1/8/03	SW846 8260B
2,2-Dichloropropane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1-Dichloropropene	< 38	38	ug/kg	1/8/03	SW846 8260B
cis-1,3-Dichloropropene	< 38	38	ug/kg	1/8/03	SW846 8260B
trans-1,3-Dichloropropene	< 38	38	ug/kg	1/8/03	SW846 8260B
Ethylbenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
Diethyl ether	< 38	38	ug/kg	1/8/03	SW846 8260B
Fluorotrichloromethane	< 38	38	ug/kg	1/8/03	SW846 8260B
Hexachlorobutadiene	< 38	38	ug/kg	1/8/03	SW846 8260B
Isopropylbenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
p-Isopropyltoluene	< 38	38	ug/kg	1/8/03	SW846 8260B
Methylene chloride	< 38	38	ug/kg	1/8/03	SW846 8260B
4-Methyl-2-pentanone	< 380	380	ug/kg	1/8/03	SW846 8260B
Methyl-tert-butyl-ether	< 38	38	ug/kg	1/8/03	SW846 8260B
Naphthalene	< 38	38	ug/kg	1/8/03	SW846 8260B
n-Propylbenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
Styrene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
Tetrachloroethene	< 38	38	ug/kg	1/8/03	SW846 8260B
Toluene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichlorobenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2,4-Trichlorobenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1,1-Trichloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-20 2' (B)

Report Date : 2/13/03

Lab Sample Number : 830290-084

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

1,1,2-Trichloroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2,4-Trimethylbenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
Trichloroethene	< 38	38	ug/kg	1/8/03	SW846 8260B
1,2,3-Trichloropropane	< 38	38	ug/kg	1/8/03	SW846 8260B
Tetrahydrofuran	< 380	380	ug/kg	1/8/03	SW846 8260B
1,3,5-Trimethylbenzene	< 38	38	ug/kg	1/8/03	SW846 8260B
Vinyl chloride	< 38	38	ug/kg	1/8/03	SW846 8260B
Xylenes, -m, -p	< 38	38	ug/kg	1/8/03	SW846 8260B
Xylene, -o	< 38	38	ug/kg	1/8/03	SW846 8260B
4-Bromofluorobenzene	86	—	%Recov	1/8/03	SW846 8260B
Dibromofluoromethane	95	—	%Recov	1/8/03	SW846 8260B
Toluene-d8	106	—	%Recov	1/8/03	SW846 8260B

Organic Results

VOC-BLK		Prep Method:	Prep Date:	Analyst:		
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-63					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-24 (0-1)

Lab Sample Number : 830290-085

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.4	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Barium	190	0.61	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Cadmium	0.18	0.12	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Chromium	18	0.37	mg/Kg		1/21/03	SW846 3050B	SW846 6020
Lead	11	0.61	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Mercury	0.032	0.012	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Silver	< 0.61	0.61	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Solids, percent	81.5		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-19 (2)

Lab Sample Number : 830290-086

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	2.3	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	55	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.28	0.12	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	9.0	0.36	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	17	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	420	12	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	1.2	0.60	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	83.1		%		1/7/03	SM 2540G M	SM 2540G M

Organic Results

TARGET COMPOUND LIST - SEMIVOLATILES

Prep Method: SW846 3545

Prep Date: 1/13/03

Analyst: RJN

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
1,2-Dichlorobenzene-d4	44	—	%Recov		1/13/03	SW846 8270C
2,4,6-Tribromophenol	58	—	%Recov		1/13/03	SW846 8270C
2-Chlorophenol-d4	44	—	%Recov		1/13/03	SW846 8270C
2-Fluorobiphenyl	66	—	%Recov		1/13/03	SW846 8270C
2-Fluorophenol	39	—	%Recov		1/13/03	SW846 8270C
Nitrobenzene-d5	62	—	%Recov		1/13/03	SW846 8270C
Phenol-d5	58	—	%Recov		1/13/03	SW846 8270C
Terphenyl-d14	64	—	%Recov		1/13/03	SW846 8270C
Acenaphthene	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Acenaphthylene	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(a)anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(a)pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(b)fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(g,h,i)perylene	< 400	400	ug/kg		1/13/03	SW846 8270C
Benzo(k)fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Bromophenyl phenyl ether	< 400	400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-19 (2)

Lab Sample Number : 830290-086

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/2/03

Matrix Type : SOIL

Butylbenzylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
Carbazole	< 400	400	ug/kg		1/13/03	SW846 8270C
Indeno(1,2,3-cd)pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chloro-3-methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chloroaniline	< 400	400	ug/kg	&	1/13/03	SW846 8270C
bis(2-Chloroethoxy)methane	< 400	400	ug/kg		1/13/03	SW846 8270C
bis(2-Chloroethyl)ether	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Chloronaphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Chlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Chlorophenyl phenyl ether	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Chrysene	< 400	400	ug/kg		1/13/03	SW846 8270C
Dibenzo(a,h)anthracene	< 400	400	ug/kg		1/13/03	SW846 8270C
Dibenzofuran	< 400	400	ug/kg		1/13/03	SW846 8270C
1,3-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,4-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,2-Dichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
3,3-Dichlorobenzidine	< 400	400	ug/kg	&	1/13/03	SW846 8270C
2,4-Dichlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Diethylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4-Dimethylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Dimethylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
4,6-Dinitro-2-methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2,4-Dinitrotoluene	< 400	400	ug/kg		1/13/03	SW846 8270C
2,6-Dinitrotoluene	< 400	400	ug/kg		1/13/03	SW846 8270C
Di-n-butylphthalate	830	400	ug/kg		1/13/03	SW846 8270C
Di-n-octylphthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 400	400	ug/kg		1/13/03	SW846 8270C
Fluoranthene	< 400	400	ug/kg		1/13/03	SW846 8270C
Fluorene	< 400	400	ug/kg		1/13/03	SW846 8270C
Hexachlorobenzene	< 810	810	ug/kg		1/13/03	SW846 8270C
Hexachlorobutadiene	< 400	400	ug/kg		1/13/03	SW846 8270C
Hexachlorocyclopentadiene	< 810	810	ug/kg	&	1/13/03	SW846 8270C
Hexachloroethane	< 400	400	ug/kg		1/13/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : WWTP-TP-19 (2)

Report Date : 2/13/03

Lab Sample Number : 830290-086

Collection Date : 1/2/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Isophorone	< 400	400	ug/kg	&	1/13/03	SW846 8270C
2-Methylnaphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
2-Methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Methylphenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Naphthalene	< 400	400	ug/kg		1/13/03	SW846 8270C
3-Nitroaniline	< 1000	1000	ug/kg		1/13/03	SW846 8270C
4-Nitroaniline	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2-Nitroaniline	< 400	400	ug/kg		1/13/03	SW846 8270C
Nitrobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
4-Nitrophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2-Nitrophenol	< 400	400	ug/kg		1/13/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 400	400	ug/kg		1/13/03	SW846 8270C
N-Nitrosodiphenylamine	< 400	400	ug/kg		1/13/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 400	400	ug/kg		1/13/03	SW846 8270C
Pentachlorophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
Phenanthrene	< 400	400	ug/kg		1/13/03	SW846 8270C
Phenol	< 400	400	ug/kg		1/13/03	SW846 8270C
Pyrene	< 400	400	ug/kg		1/13/03	SW846 8270C
1,2,4-Trichlorobenzene	< 400	400	ug/kg		1/13/03	SW846 8270C
2,4,5-Trichlorophenol	< 1000	1000	ug/kg		1/13/03	SW846 8270C
2,4,6-Trichlorophenol	< 400	400	ug/kg		1/13/03	SW846 8270C

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/13/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-28					SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : WWTP-TP-23 (0-1)

Lab Sample Number : 830290-087

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	4.9	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Barium	130	0.59	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Cadmium	0.19	0.12	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Chromium	15	0.35	mg/Kg		1/21/03	SW846 3050B	SW846 6020
Lead	12	0.59	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Mercury	0.027	0.012	mg/Kg		1/16/03	SW846 7471A	SW846 7471A
Selenium	< 1.2	1.2	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Silver	< 0.59	0.59	mg/Kg		1/20/03	SW846 3050B	SW846 6020
Solids, percent	85.0		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-1 (0-1)

Lab Sample Number : 830290-088

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.6	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	54	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	0.18	0.11	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	13	0.33	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	1000	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	0.015	0.011	mg/Kg		1/17/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.55	0.55	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	89.9		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : GOW

Project Number : 41027052

Field ID : BG-TP-1 4'

Lab Sample Number : 830290-089

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 12/31/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	< 1.0	1.0	mg/Kg		1/29/03	SW846 6020	SW846 6020
Barium	10	0.51	mg/Kg		1/29/03	SW846 6020	SW846 6020
Cadmium	< 0.10	0.10	mg/Kg		1/29/03	SW846 6020	SW846 6020
Chromium	3.7	0.30	mg/Kg		1/29/03	SW846 6020	SW846 6020
Lead	0.97	0.51	mg/Kg		1/29/03	SW846 6020	SW846 6020
Mercury	< 10	10	mg/Kg		1/15/03	SW846 7471A	SW846 7471A
Selenium	< 1.0	1.0	mg/Kg		1/29/03	SW846 6020	SW846 6020
Silver	< 0.51	0.51	mg/Kg		1/29/03	SW846 6020	SW846 6020
Solids, percent	98.4		%		1/7/03	SM 2540G M	SM 2540G M

All soil results are reported on a dry weight basis unless otherwise noted.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-63

Lab Name: EN CHEM - GREEN BAY Contract: _____
 Lab Code: ENCHEMGB Case No.: _____ SAS No.: _____ SDG No.: MS301082003
 Matrix: (soil/water) SOIL Lab Sample ID: EBLK1146-63
 Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01080305
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 01/08/03
 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 50.0
 Soil Extract Volume: 20 (mL) Soil Aliquot Volume: 1000 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-83-9	DICHLORODIFLUOROMETHANE	25.00	U
74-87-3	CHLOROMETHANE	25.00	U
75-01-4	VINYL CHLORIDE	25.00	U
74-83-9	BROMOMETHANE	25.00	U
75-00-3	CHLOROETHANE	25.00	U
75-43-4	DICHLOROFUOROMETHANE	25.00	U
75-69-4	TRICHLOROFUOROMETHANE	25.00	U
60-29-7	DIETHYL ETHER	25.00	U
75-35-4	1 1-DICHLOROETHENE	25.00	U
76-13-1	1 1 2-TRICHLOROTRIFLUOROETHA	25.00	U
67-64-1	ACETONE	202.64	J
107-05-1	ALLYL CHLORIDE	25.00	U
75-09-2	METHYLENE CHLORIDE	25.00	U
156-60-5	TRANS-1 2-DICHLOROETHENE	25.00	U
1634-04-4	METHYL T-BUTYL ETHER	25.00	U
75-34-3	1 1-DICHLOROETHANE	25.00	U
590-20-7	2 2-DICHLOROPROPANE	25.00	U
156-59-2	CIS-1 2-DICHLOROETHENE	25.00	U
78-93-3	2-BUTANONE	250.00	U
74-97-5	BROMOCHLOROMETHANE	25.00	U
109-99-9	TETRAHYDROFURAN	250.00	U
67-66-3	CHLOROFORM	25.00	U
71-55-6	1 1 1-TRICHLOROETHANE	25.00	U
56-23-5	CARBON TETRACHLORIDE	25.00	U
563-58-6	1 1-DICHLOROPROPENE	25.00	U
71-43-2	BENZENE	25.00	U
107-06-2	1 2-DICHLOROETHANE	25.00	U
79-01-6	TRICHLOROETHENE	25.00	U
78-87-5	1 2-DICHLOROPROPANE	25.00	U
74-95-3	DIBROMOMETHANE	25.00	U
75-27-4	BROMODICHLOROMETHANE	25.00	U
10061-01-5	CIS-1 3-DICHLOROPROPENE	25.00	U
108-10-1	4-METHYL-2-PENTANONE	250.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-63

Lab Name: EN CHEM - GREEN BAY

Contract:

Lab Code: ENCHEMGB

Case No.:

SAS No.:

SDG No.: MS301082003

Matrix: (soil/water) SOIL

Lab Sample ID: EBLK1146-63

Sample wt/vol: 20.0 (g/mL) G

Lab File ID: 01080305

Level: (low/med) MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 01/08/03

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 50.0

Soil Extract Volume: 20 (mL)

Soil Aliquot Volume: 1000 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-88-3	TOLUENE	25.00	U
10061-02-6	TRANS-1 3-DICHLOROPROPENE	25.00	U
79-00-5	1 1 2-TRICHLOROETHANE	25.00	U
127-18-4	TETRACHLOROETHENE	25.00	U
142-28-9	1 3-DICHLOROPROPANE	25.00	U
124-48-1	DIBROMOCHLOROMETHANE	25.00	U
106-93-4	1 2-DIBROMOETHANE	25.00	U
108-90-7	CHLOROBENZENE	25.00	U
630-26-6	1 1 1 2-TETRACHLOROETHANE	25.00	U
100-41-4	ETHYL BENZENE	25.00	U
108-38-3	M- P-XYLENE	50.00	U
95-47-6	O-XYLENE	25.00	U
100-42-5	STYRENE	25.00	U
75-25-2	BROMOFORM	25.00	U
98-82-8	ISOPROPYLBENZENE	25.00	U
108-86-1	BROMOBENZENE	25.00	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	25.00	U
96-18-4	1 2 3-TRICHLOROPROPANE	25.00	U
103-65-1	N-PROPYLBENZENE	25.00	U
95-49-8	2-CHLOROTOLUENE	25.00	U
106-43-4	4-CHLOROTOLUENE	25.00	U
108-67-8	1 3 5-TRIMETHYLBENZENE	25.00	U
98-06-6	TERT-BUTYLBENZENE	25.00	U
95-63-6	1 2 4-TRIMETHYLBENZENE	25.00	U
135-98-8	SEC-BUTYLBENZENE	25.00	U
541-73-1	1 3-DICHLOROBENZENE	25.00	U
99-878-6	P-ISOPROPYLTOLUENE (CYMENE)	25.00	U
106-46-7	1 4-DICHLOROBENZENE	25.00	U
95-50-1	1 2-DICHLOROBENZENE	25.00	U
104-51-8	N-BUTYLBENZENE	25.00	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	100.00	U
95-63-6	1 2 4-TRICHLOROBENZENE	25.00	U
87-68-3	HEXACHLOROBUTADIENE	25.00	U

FORM I VOA

UMP000815

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-63

Lab Name: EN CHEM - GREEN BAY Contract:
 Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: MS301082003
 Matrix: (soil/water) SOIL Lab Sample ID: EBLK1146-63
 Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01080305
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 01/08/03
 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 50.0
 Soil Extract Volume: 20 (mL) Soil Aliquot Volume: 1000 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
91-20-3-----	NAPHTHALENE	25.00	U
96-18-4-----	1 2 3-TRICHLOROBENZENE	25.00	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BLK1144-28

Lab Name: EN CHEM, INC.-GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 830290

Matrix: (soil/water) SOIL Lab Sample ID: BLK1144-28

Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01130305

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 01/13/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 01/13/03

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
108-95-2	Phenol	112 U
111-44-4	bis(2-Chloroethyl) ether	96 U
95-57-8	2-Chlorophenol	109 U
541-73-1	1,3-Dichlorobenzene	110 U
106-46-7	1,4-Dichlorobenzene	111 U
95-50-1	1,2-Dichlorobenzene	104 U
95-48-7	2-Methylphenol	149 U
108-60-1	2,2-oxybis(1-Chloropropane)	96 U
106-44-5	4-Methylphenol	128 U
67-72-1	Hexachloroethane	111 U
621-64-7	N-Nitroso-di-n-propylamine	99 U
98-95-3	Nitrobenzene	101 U
78-59-1	Isophorone	93 U
88-75-5	2-Nitrophenol	121 U
105-67-9	2,4-Dimethylphenol	124 U
111-91-1	bis(2-Chloroethoxy)methane	112 U
120-83-2	2,4-Dichlorophenol	138 U
120-82-1	1,2,4-Trichlorobenzene	108 U
91-20-3	Naphthalene	132 U
106-47-8	4-Chloroaniline	141 U
87-68-3	Hexachlorobutadiene	130 U
59-50-7	4-Chloro-3-methylphenol	133 U
91-57-6	2-Methylnaphthalene	109 U
77-47-4	Hexachlorocyclopentadiene	142 U
88-06-2	2,4,6-Trichlorophenol	125 U
95-95-4	2,4,5-Trichlorophenol	130 U
91-58-7	2-Chloronaphthalene	132 U
88-74-4	2-Nitroaniline	122 U
131-11-3	Dimethylphthalate	130 U
208-96-8	Acenaphthylene	137 U
606-20-2	2,6-Dinitrotoluene	138 U
99-09-2	3-Nitroaniline	158 U
83-32-9	Acenaphthene	124 U

FORM I SV

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: 830290-069 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	1841.92	74	55-114
Acenaphthylene	2500.00	0.00	1835.43	73	54-110
2,6-Dinitrotoluene	2500.00	0.00	1891.75	76	54-121
3-Nitroaniline	2500.00	0.00	1354.19	54	41-107
Acenaphthene	2500.00	0.00	1945.30	78	56-110
2,4-Dinitrophenol	2500.00	0.00	1579.42	63	23-127
Dibenzofuran	2500.00	0.00	1949.83	78	54-114
4-Nitrophenol	2500.00	0.00	1811.09	72	36-132
2,4-Dinitrotoluene	2500.00	0.00	1116.76	45	24-145
Diethylphthalate	2500.00	0.00	2024.54	81	54-120
Fluorene	2500.00	0.00	2078.83	83	55-118
4-Chlorophenyl phenyl e	2500.00	0.00	2156.93	86	55-116
4-Nitroaniline	2500.00	0.00	1863.72	74	43-168
4,6-Dinitro-2-methylphe	2500.00	0.00	1832.88	73	45-130
N-Nitrosodiphenylamine	2500.00	0.00	1956.27	78	43-124
4-Bromophenyl phenyl et	2500.00	0.00	1947.26	78	54-113
Hexachlorobenzene	2500.00	0.00	1917.07	77	53-112
Pentachlorophenol	2500.00	0.00	1500.62	60	38-125
Phenanthrene	2500.00	0.00	1999.32	80	54-115
Anthracene	2500.00	0.00	1808.12	72	52-110
Carbazole	2500.00	0.00	2001.71	80	65-131
di-n-Butylphthalate	2500.00	0.00	2160.05	86	66-127
Fluoranthene	2500.00	0.00	2251.57	90	46-129
Pyrene	2500.00	0.00	1696.12	68	46-118
Butylbenzylphthalate	2500.00	0.00	1808.91	72	63-127
Benzo(a) anthracene	2500.00	0.00	1814.06	72	54-118
3,3'-Dichlorobenzidine	2500.00	0.00	726.44	29*	40-130
Chrysene	2500.00	0.00	1757.24	70	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: 830290-069 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	2500.00	0.00	1855.49	74	64-135
di-n-Octylphthalate	2500.00	0.00	2008.42	80	63-148
Benzo (b) fluoranthene	2500.00	0.00	1991.48	80	46-135
Benzo (k) fluoranthene	2500.00	0.00	2185.84	87	60-126
Benzo (a) pyrene	2500.00	0.00	1841.64	74	48-122
Indeno (1, 2, 3-cd) pyrene	2500.00	0.00	1796.29	72	45-141
Dibenzo (a, h) anthracene	2500.00	0.00	1307.41	52	43-121
Benzo (g, h, i) perylene	2500.00	0.00	2001.71	80	40-132

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: 830290-069 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	1802.48	72	2	24	43-117
bis(2-Chloroethyl) ether	2500.00	1816.49	73	0	36	53-112
2-Chlorophenol	2500.00	1752.14	70	3	27	46-109
1,3-Dichlorobenzene	2500.00	1744.22	70	2	35	44-103
1,4-Dichlorobenzene	2500.00	1743.78	70	2	35	45-103
1,2-Dichlorobenzene	2500.00	1814.35	72	0	33	49-104
2-Methylphenol	2500.00	1799.06	72	19	34	40-120
2,2-oxybis(1-Chloroprop	2500.00	1844.10	74	3	32	41-120
4-Methylphenol	2500.00	1835.72	73	10	31	44-117
Hexachloroethane	2500.00	1786.25	71	4	27	45-107
N-Nitroso-di-n-prop. (1)	2500.00	1828.32	73	1	32	69-137
Nitrobenzene	2500.00	1917.71	77	2	22	44-117
Isophorone	2500.00	501.17	20*	4	25	44-125
2-Nitrophenol	2500.00	1924.38	77	6	33	45-119
2,4-Dimethylphenol	2500.00	2318.73	93	2	38	45-126
bis(2-Chloroethoxy) meth	2500.00	1933.17	77	0	32	60-113
2,4-Dichlorophenol	2500.00	1924.13	77	2	29	48-116
1,2,4-Trichlorobenzene	2500.00	1889.19	76	1	35	49-109
Naphthalene	2500.00	2093.89	84	2	21	50-114
4-Chloroaniline	2500.00	712.76	28*	23	26	35-107
Hexachlorobutadiene	2500.00	1883.33	75	1	27	50-110
4-Chloro-3-methylphenol	2500.00	2066.58	83	2	31	43-127
2-Methylnaphthalene	2500.00	2049.80	82	0	25	53-110
Hexachlorocyclopentadie	2500.00	207.08	8*	6	28	39-136
2,4,6-Trichlorophenol	2500.00	1604.63	64	2	30	42-115
2,4,5-Trichlorophenol	2500.00	1898.42	76	3	32	45-123
2-Chloronaphthalene	2500.00	1908.04	76	0	24	57-113
2-Nitroaniline	2500.00	1989.85	80	5	30	49-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: 830290-069 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	1907.99	76	4	32	55-114
Acenaphthylene	2500.00	1861.12	74	1	28	54-110
2,6-Dinitrotoluene	2500.00	2000.16	80	6	29	54-121
3-Nitroaniline	2500.00	1487.13	59	9	31	41-107
Acenaphthene	2500.00	1959.91	78	1	31	56-110
2,4-Dinitrophenol	2500.00	1748.34	70	10	28	23-127
Dibenzofuran	2500.00	1992.29	80	2	32	54-114
4-Nitrophenol	2500.00	1944.98	78	7	29	36-132
2,4-Dinitrotoluene	2500.00	1130.73	45	1	28	24-145
Diethylphthalate	2500.00	2035.92	81	0	32	54-120
Fluorene	2500.00	2109.36	84	1	30	55-118
4-Chlorophenyl phenyl e	2500.00	2088.50	84	3	37	55-116
4-Nitroaniline	2500.00	2123.64	85	13	27	43-168
4,6-Dinitro-2-methylphe	2500.00	1871.08	75	2	32	45-130
N-Nitrosodiphenylamine	2500.00	1829.52	73	7	26	43-124
4-Bromophenyl phenyl et	2500.00	1880.08	75	4	35	54-113
Hexachlorobenzene	2500.00	1885.22	75	2	32	53-112
Pentachlorophenol	2500.00	1573.52	63	5	28	38-125
Phenanthrene	2500.00	2021.53	81	1	25	54-115
Anthracene	2500.00	1806.25	72	0	31	52-110
Carbazole	2500.00	2067.10	83	3	36	65-131
di-n-Butylphthalate	2500.00	2123.92	85	2	29	66-127
Fluoranthene	2500.00	2119.03	85	6	34	46-129
Pyrene	2500.00	1669.35	67	2	21	46-118
Butylbenzylphthalate	2500.00	1619.52	65	11	34	63-127
Benzo(a)anthracene	2500.00	1749.90	70	4	31	54-118
3,3'-Dichlorobenzidine	2500.00	816.39	33*	12	35	40-130
Chrysene	2500.00	1686.33	67	4	28	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: 830290-069 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis(2-Ethylhexyl)phthal	2500.00	1654.37	66	11	32	64-135
di-n-Octylphthalate	2500.00	1846.13	74	8	37	63-148
Benzo(b)fluoranthene	2500.00	1853.88	74	7	30	46-135
Benzo(k)fluoranthene	2500.00	2048.03	82	6	27	60-126
Benzo(a)pyrene	2500.00	1833.24	73	0	31	48-122
Indeno(1,2,3-cd)pyrene	2500.00	1980.79	79	10	33	45-141
Dibenzo(a,h)anthracene	2500.00	1605.30	64	20	35	43-121
Benzo(g,h,i)perylene	2500.00	1846.50	74	8	33	40-132

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 8 out of 128 outside limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Phenol	2500.00	0.00	1972.95	79	64-119
bis(2-Chloroethyl) ether	2500.00	0.00	1907.85	76	59-116
2-Chlorophenol	2500.00	0.00	1954.98	78	63-115
1,3-Dichlorobenzene	2500.00	0.00	1721.50	69	60-110
1,4-Dichlorobenzene	2500.00	0.00	1785.00	71	60-111
1,2-Dichlorobenzene	2500.00	0.00	1824.16	73	62-113
2-Methylphenol	2500.00	0.00	2026.49	81	57-123
2,2-oxybis(1-Chloroprop	2500.00	0.00	1991.67	80	58-125
4-Methylphenol	2500.00	0.00	2124.30	85	62-122
Hexachloroethane	2500.00	0.00	1783.86	71	59-118
N-Nitroso-di-n-prop. (1)	2500.00	0.00	2099.97	84	64-120
Nitrobenzene	2500.00	0.00	2081.81	83	62-123
Isophorone	2500.00	0.00	574.92	23*	57-117
2-Nitrophenol	2500.00	0.00	2083.20	83	68-118
2,4-Dimethylphenol	2500.00	0.00	2487.55	100	49-119
bis(2-Chloroethoxy) meth	2500.00	0.00	2135.23	85	68-116
2,4-Dichlorophenol	2500.00	0.00	2236.58	89	72-120
1,2,4-Trichlorobenzene	2500.00	0.00	1948.21	78	67-115
Naphthalene	2500.00	0.00	2180.80	87	68-119
4-Chloroaniline	2500.00	0.00	604.58	24*	38-101
Hexachlorobutadiene	2500.00	0.00	1919.90	77	62-118
4-Chloro-3-methylphenol	2500.00	0.00	2446.46	98	72-128
2-Methylnaphthalene	2500.00	0.00	2252.08	90	67-116
Hexachlorocyclopentadie	2500.00	0.00	224.99	9*	44-114
2,4,6-Trichlorophenol	2500.00	0.00	1986.04	79	68-119
2,4,5-Trichlorophenol	2500.00	0.00	2331.46	93	64-134
2-Chloronaphthalene	2500.00	0.00	2100.24	84	76-119
2-Nitroaniline	2500.00	0.00	2278.00	91	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	2203.96	88	64-126
Acenaphthylene	2500.00	0.00	2075.45	83	71-116
2,6-Dinitrotoluene	2500.00	0.00	2220.96	89	70-128
3-Nitroaniline	2500.00	0.00	1536.96	61	55-107
Acenaphthene	2500.00	0.00	2183.20	87	66-121
2,4-Dinitrophenol	2500.00	0.00	2011.53	80	42-131
Dibenzofuran	2500.00	0.00	2259.15	90	71-119
4-Nitrophenol	2500.00	0.00	2446.91	98	53-121
2,4-Dinitrotoluene	2500.00	0.00	1297.12	52	44-156
Diethylphthalate	2500.00	0.00	2300.56	92	68-129
Fluorene	2500.00	0.00	2327.38	93	64-127
4-Chlorophenyl phenyl e	2500.00	0.00	2401.73	96	72-121
4-Nitroaniline	2500.00	0.00	2420.65	97	58-147
4,6-Dinitro-2-methylphe	2500.00	0.00	2189.19	88	56-133
N-Nitrosodiphenylamine	2500.00	0.00	2225.73	89	64-127
4-Bromophenyl phenyl et	2500.00	0.00	2094.68	84	67-122
Hexachlorobenzene	2500.00	0.00	2112.07	84	65-121
Pentachlorophenol	2500.00	0.00	2049.16	82	57-127
Phenanthrene	2500.00	0.00	2255.45	90	70-120
Anthracene	2500.00	0.00	2002.21	80	68-115
Carbazole	2500.00	0.00	2316.31	93	77-128
di-n-Butylphthalate	2500.00	0.00	2399.88	96	67-134
Fluoranthene	2500.00	0.00	2398.35	96	71-123
Pyrene	2500.00	0.00	1834.24	73	66-129
Butylbenzylphthalate	2500.00	0.00	1955.64	78	70-123
Benzo(a)anthracene	2500.00	0.00	2018.16	81	68-128
3,3'-Dichlorobenzidine	2500.00	0.00	988.58	40*	50-114
Chrysene	2500.00	0.00	1948.75	78	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	2500.00	0.00	2004.60	80	60-141
di-n-Octylphthalate	2500.00	0.00	2339.60	94	63-142
Benzo (b) fluoranthene	2500.00	0.00	2119.29	85	65-133
Benzo (k) fluoranthene	2500.00	0.00	2447.45	98	66-128
Benzo (a) pyrene	2500.00	0.00	2090.94	84	64-125
Indeno (1,2,3-cd) pyrene	2500.00	0.00	1971.89	79	66-136
Dibenzo (a,h) anthracene	2500.00	0.00	1430.13	57	54-117
Benzo (g,h,i) perylene	2500.00	0.00	2009.35	80	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	2054.44	82	4	21	64-119
bis(2-Chloroethyl) ether	2500.00	2022.24	81	6	20	59-116
2-Chlorophenol	2500.00	2084.45	83	6	15	63-115
1,3-Dichlorobenzene	2500.00	1940.88	78	12	16	60-110
1,4-Dichlorobenzene	2500.00	1965.10	79	10	16	60-111
1,2-Dichlorobenzene	2500.00	2030.73	81	11	16	62-113
2-Methylphenol	2500.00	2306.53	92	13	18	57-123
2,2-oxybis(1-Chloroprop	2500.00	2111.25	84	6	16	58-125
4-Methylphenol	2500.00	2019.46	81	5	36	62-122
Hexachloroethane	2500.00	2020.29	81	12	18	59-118
N-Nitroso-di-n-prop. (1)	2500.00	2120.64	85	1	25	64-120
Nitrobenzene	2500.00	2220.52	89	6	20	62-123
Isophorone	2500.00	595.53	24*	4	17	57-117
2-Nitrophenol	2500.00	2185.26	87	5	15	68-118
2,4-Dimethylphenol	2500.00	2448.31	98	2	14	49-119
bis(2-Chloroethoxy) meth	2500.00	2227.60	89	4	26	68-116
2,4-Dichlorophenol	2500.00	2267.20	91	1	14	72-120
1,2,4-Trichlorobenzene	2500.00	2098.89	84	7	15	67-115
Naphthalene	2500.00	2284.59	91	5	17	68-119
4-Chloroaniline	2500.00	505.31	20*	18	20	38-101
Hexachlorobutadiene	2500.00	2119.75	85	10	26	62-118
4-Chloro-3-methylphenol	2500.00	2449.49	98	0	17	72-128
2-Methylnaphthalene	2500.00	2319.10	93	3	15	67-116
Hexachlorocyclopentadie	2500.00	255.21	10*	12	18	44-114
2,4,6-Trichlorophenol	2500.00	1994.49	80	0	16	68-119
2,4,5-Trichlorophenol	2500.00	2362.34	94	1	18	64-134
2-Chloronaphthalene	2500.00	2156.30	86	3	16	76-119
2-Nitroaniline	2500.00	2262.30	90	1	18	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	2192.28	88	0	18	64-126
Acenaphthylene	2500.00	2112.32	84	2	23	71-116
2,6-Dinitrotoluene	2500.00	2227.87	89	0	18	70-128
3-Nitroaniline	2500.00	1471.39	59	4	19	55-107
Acenaphthene	2500.00	2200.97	88	1	24	66-121
2,4-Dinitrophenol	2500.00	2004.77	80	0	17	42-131
Dibenzofuran	2500.00	2245.83	90	0	26	71-119
4-Nitrophenol	2500.00	2479.22	99	1	26	53-121
2,4-Dinitrotoluene	2500.00	1324.75	53	2	17	44-156
Diethylphthalate	2500.00	2353.82	94	2	20	68-129
Fluorene	2500.00	2369.68	95	2	28	64-127
4-Chlorophenyl phenyl e	2500.00	2435.29	97	1	38	72-121
4-Nitroaniline	2500.00	2376.06	95	2	27	58-147
4,6-Dinitro-2-methylphe	2500.00	2224.47	89	2	17	56-133
N-Nitrosodiphenylamine	2500.00	2280.50	91	2	19	64-127
4-Bromophenyl phenyl et	2500.00	2106.46	84	0	17	67-122
Hexachlorobenzene	2500.00	2138.30	86	1	26	65-121
Pentachlorophenol	2500.00	2175.74	87	6	20	57-127
Phenanthrene	2500.00	2293.41	92	2	18	70-120
Anthracene	2500.00	2027.87	81	1	24	68-115
Carbazole	2500.00	2409.66	96	4	22	77-128
di-n-Butylphthalate	2500.00	2519.70	101	5	20	67-134
Fluoranthene	2500.00	2489.54	100	4	23	71-123
Pyrene	2500.00	1906.42	76	4	23	66-129
Butylbenzylphthalate	2500.00	1977.53	79	1	23	70-123
Benzo(a)anthracene	2500.00	2043.41	82	1	24	68-128
3,3'-Dichlorobenzidine	2500.00	905.39	36*	9	140	50-114
Chrysene	2500.00	1936.53	77	1	22	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011303.B

Matrix Spike - Sample No.: BLK1144-28 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis (2-Ethylhexyl) phthal	2500.00	2063.51	82	3	23	60-141
di-n-Octylphthalate	2500.00	2235.53	89	4	23	63-142
Benzo (b) fluoranthene	2500.00	2094.45	84	1	21	65-133
Benzo (k) fluoranthene	2500.00	2392.54	96	2	22	66-128
Benzo (a) pyrene	2500.00	2095.63	84	0	22	64-125
Indeno (1,2,3-cd) pyrene	2500.00	2298.43	92	15	24	66-136
Dibenzo (a,h) anthracene	2500.00	1579.61	63	10	25	54-117
Benzo (g,h,i) perylene	2500.00	2321.35	93	14	25	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 8 out of 128 outside limits

COMMENTS: _____

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BLK1144-26

Lab Name: EN CHEM, INC.-GREEN BAY Contract:
 Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 830290
 Matrix: (soil/water) SOIL Lab Sample ID: BLK1144-26
 Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01100305
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 01/08/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/10/03
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	112	U
111-44-4	bis(2-Chloroethyl) ether	96	U
95-57-8	2-Chlorophenol	109	U
541-73-1	1,3-Dichlorobenzene	110	U
106-46-7	1,4-Dichlorobenzene	111	U
95-50-1	1,2-Dichlorobenzene	104	U
95-48-7	2-Methylphenol	149	U
108-60-1	2,2-oxybis(1-Chloropropane)	96	U
106-44-5	4-Methylphenol	128	U
67-72-1	Hexachloroethane	111	U
621-64-7	N-Nitroso-di-n-propylamine	99	U
98-95-3	Nitrobenzene	101	U
78-59-1	Isophorone	93	U
88-75-5	2-Nitrophenol	121	U
105-67-9	2,4-Dimethylphenol	124	U
111-91-1	bis(2-Chloroethoxy)methane	112	U
120-83-2	2,4-Dichlorophenol	138	U
120-82-1	1,2,4-Trichlorobenzene	108	U
91-20-3	Naphthalene	132	U
106-47-8	4-Chloroaniline	141	U
87-68-3	Hexachlorobutadiene	130	U
59-50-7	4-Chloro-3-methylphenol	133	U
91-57-6	2-Methylnaphthalene	109	U
77-47-4	Hexachlorocyclopentadiene	142	U
88-06-2	2,4,6-Trichlorophenol	125	U
95-95-4	2,4,5-Trichlorophenol	130	U
91-58-7	2-Chloronaphthalene	132	U
88-74-4	2-Nitroaniline	122	U
131-11-3	Dimethylphthalate	130	U
208-96-8	Acenaphthylene	137	U
606-20-2	2,6-Dinitrotoluene	138	U
99-09-2	3-Nitroaniline	158	U
83-32-9	Acenaphthene	124	U

FORM I SV

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BLK1144-26

Lab Name: EN CHEM, INC.-GREEN BAY Contract: ,

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 830290
Matrix: (soil/water) SOIL Lab Sample ID: BLK1144-26

Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01100305

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 01/08/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 01/10/03

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	59	U
132-64-9	Dibenzofuran	143	U
100-02-7	4-Nitrophenol	107	U
121-14-2	2,4-Dinitrotoluene	138	U
84-66-2	Diethylphthalate	142	U
86-73-7	Fluorene	148	U
7005-72-3	4-Chlorophenyl phenyl ether	140	U
100-01-6	4-Nitroaniline	160	U
534-52-1	4,6-Dinitro-2-methylphenol	113	U
86-30-6	N-Nitrosodiphenylamine (1)	179	U
101-55-3	4-Bromophenyl phenyl ether	145	U
118-74-1	Hexachlorobenzene	156	U
87-86-5	Pentachlorophenol	125	U
85-01-8	Phenanthrene	153	U
120-12-7	Anthracene	165	U
86-74-8	Carbazole	135	U
84-74-2	di-n-Butylphthalate	139	U
206-44-0	Fluoranthene	130	U
129-00-0	Pyrene	137	U
85-68-7	Butylbenzylphthalate	121	U
56-55-3	Benzo(a)anthracene	110	U
91-94-1	3,3'-Dichlorobenzidine	211	U
218-01-9	Chrysene	110	U
117-81-7	bis(2-Ethylhexyl)phthalate	157	U
117-84-0	di-n-Octylphthalate	134	U
205-99-2	Benzo(b)fluoranthene	143	U
207-08-9	Benzo(k)fluoranthene	115	U
50-32-8	Benzo(a)pyrene	52	U
193-39-5	Indeno(1,2,3-cd)pyrene	203	U
53-70-3	Dibenzo(a,h)anthracene	58	U
191-24-2	Benzo(g,h,i)perylene	138	U

(1) - Cannot be separated from Diphenylamine

FORM I SV

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Phenol	2500.00	0.00	1804.42	72	64-119
bis(2-Chloroethyl) ether	2500.00	0.00	1868.45	75	59-116
2-Chlorophenol	2500.00	0.00	1813.21	72	63-115
1,3-Dichlorobenzene	2500.00	0.00	1824.53	73	60-110
1,4-Dichlorobenzene	2500.00	0.00	1843.52	74	60-111
1,2-Dichlorobenzene	2500.00	0.00	1839.21	74	62-113
2-Methylphenol	2500.00	0.00	1814.67	72	57-123
2,2-oxybis(1-Chloroprop	2500.00	0.00	1799.37	72	58-125
4-Methylphenol	2500.00	0.00	1853.44	74	62-122
Hexachloroethane	2500.00	0.00	1851.34	74	59-118
N-Nitroso-di-n-prop. (1)	2500.00	0.00	1857.45	74	64-120
Nitrobenzene	2500.00	0.00	1896.60	76	62-123
Isophorone	2500.00	0.00	532.02	21*	57-117
2-Nitrophenol	2500.00	0.00	1914.23	76	68-118
2,4-Dimethylphenol	2500.00	0.00	1756.01	70	49-119
bis(2-Chloroethoxy) meth	2500.00	0.00	1991.52	80	68-116
2,4-Dichlorophenol	2500.00	0.00	1982.30	79	72-120
1,2,4-Trichlorobenzene	2500.00	0.00	1904.44	76	67-115
Naphthalene	2500.00	0.00	1967.23	79	68-119
4-Chloroaniline	2500.00	0.00	243.22	10*	38-101
Hexachlorobutadiene	2500.00	0.00	1923.51	77	62-118
4-Chloro-3-methylphenol	2500.00	0.00	2037.89	82	72-128
2-Methylnaphthalene	2500.00	0.00	1988.30	80	67-116
Hexachlorocyclopentadie	2500.00	0.00	217.10	9*	44-114
2,4,6-Trichlorophenol	2500.00	0.00	1692.21	68	68-119
2,4,5-Trichlorophenol	2500.00	0.00	1975.42	79	64-134
2-Chloronaphthalene	2500.00	0.00	1917.28	77	76-119
2-Nitroaniline	2500.00	0.00	1877.44	75	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	1863.77	74	64-126
Acenaphthylene	2500.00	0.00	1810.05	72	71-116
2,6-Dinitrotoluene	2500.00	0.00	1914.45	76	70-128
3-Nitroaniline	2500.00	0.00	816.61	33*	55-107
Acenaphthene	2500.00	0.00	1833.94	73	66-121
2,4-Dinitrophenol	2500.00	0.00	1816.91	73	42-131
Dibenzofuran	2500.00	0.00	1853.73	74	71-119
4-Nitrophenol	2500.00	0.00	2161.83	86	53-121
2,4-Dinitrotoluene	2500.00	0.00	1193.12	48	44-156
Diethylphthalate	2500.00	0.00	2016.62	81	68-129
Fluorene	2500.00	0.00	1937.61	78	64-127
4-Chlorophenyl phenyl e	2500.00	0.00	2014.33	80	72-121
4-Nitroaniline	2500.00	0.00	1717.92	69	58-147
4,6-Dinitro-2-methylphe	2500.00	0.00	1967.03	79	56-133
N-Nitrosodiphenylamine	2500.00	0.00	2166.81	87	64-127
4-Bromophenyl phenyl et	2500.00	0.00	1858.11	74	67-122
Hexachlorobenzene	2500.00	0.00	1879.75	75	65-121
Pentachlorophenol	2500.00	0.00	1904.77	76	57-127
Phenanthrene	2500.00	0.00	1906.46	76	70-120
Anthracene	2500.00	0.00	1759.05	70	68-115
Carbazole	2500.00	0.00	2096.48	84	77-128
di-n-Butylphthalate	2500.00	0.00	2145.07	86	67-134
Fluoranthene	2500.00	0.00	2083.26	83	71-123
Pyrene	2500.00	0.00	1659.47	66	66-129
Butylbenzylphthalate	2500.00	0.00	1752.34	70	70-123
Benzo(a)anthracene	2500.00	0.00	1755.08	70	68-128
3,3'-Dichlorobenzidine	2500.00	0.00	383.27	15*	50-114
Chrysene	2500.00	0.00	1726.37	69	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	2500.00	0.00	1733.37	69	60-141
di-n-Octylphthalate	2500.00	0.00	2100.53	84	63-142
Benzo (b) fluoranthene .	2500.00	0.00	1977.16	79	65-133
Benzo (k) fluoranthene	2500.00	0.00	2091.38	84	66-128
Benzo (a) pyrene	2500.00	0.00	1895.07	76	64-125
Indeno (1, 2, 3-cd) pyrene	2500.00	0.00	2213.03	88	66-136
Dibenzo (a, h) anthracene	2500.00	0.00	1863.64	74	54-117
Benzo (g, h, i) perylene	2500.00	0.00	2170.01	87	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	1999.66	80	10	21	64-119
bis(2-Chloroethyl) ether	2500.00	1846.93	74	1	20	59-116
2-Chlorophenol	2500.00	1917.38	77	6	15	63-115
1,3-Dichlorobenzene	2500.00	1733.75	69	5	16	60-110
1,4-Dichlorobenzene	2500.00	1746.16	70	5	16	60-111
1,2-Dichlorobenzene	2500.00	1837.37	73	0	16	62-113
2-Methylphenol	2500.00	1953.63	78	7	18	57-123
2,2-oxybis(1-Chloroprop	2500.00	1878.49	75	4	16	58-125
4-Methylphenol	2500.00	1891.79	76	2	36	62-122
Hexachloroethane	2500.00	1808.26	72	2	18	59-118
N-Nitroso-di-n-prop. (1)	2500.00	1930.37	77	4	25	64-120
Nitrobenzene	2500.00	2025.70	81	6	20	62-123
Isophorone	2500.00	559.88	22*	5	17	57-117
2-Nitrophenol	2500.00	2019.86	81	5	15	68-118
2,4-Dimethylphenol	2500.00	1981.98	79	12	14	49-119
bis(2-Chloroethoxy) meth	2500.00	2057.36	82	3	26	68-116
2,4-Dichlorophenol	2500.00	2174.88	87	9	14	72-120
1,2,4-Trichlorobenzene	2500.00	1951.82	78	2	15	67-115
Naphthalene	2500.00	2067.03	83	5	17	68-119
4-Chloroaniline	2500.00	285.70	11*	16	20	38-101
Hexachlorobutadiene	2500.00	1941.50	78	1	26	62-118
4-Chloro-3-methylphenol	2500.00	2214.28	88	8	17	72-128
2-Methylnaphthalene	2500.00	2097.20	84	5	15	67-116
Hexachlorocyclopentadie	2500.00	224.60	9*	3	18	44-114
2,4,6-Trichlorophenol	2500.00	1836.10	73	8	16	68-119
2,4,5-Trichlorophenol	2500.00	2161.66	86	9	18	64-134
2-Chloronaphthalene	2500.00	1986.26	79	4	16	76-119
2-Nitroaniline	2500.00	1997.16	80	6	18	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	2092.24	84	12	18	64-126
Acenaphthylene	2500.00	1973.21	79	9	23	71-116
2,6-Dinitrotoluene	2500.00	2112.94	84	10	18	70-128
3-Nitroaniline	2500.00	974.70	39*	18	19	55-107
Acenaphthene	2500.00	2064.84	82	12	24	66-121
2,4-Dinitrophenol	2500.00	1817.43	73	0	17	42-131
Dibenzofuran	2500.00	2099.09	84	12	26	71-119
4-Nitrophenol	2500.00	2077.10	83	4	26	53-121
2,4-Dinitrotoluene	2500.00	1220.93	49	2	17	44-156
Diethylphthalate	2500.00	2215.92	89	9	20	68-129
Fluorene	2500.00	2168.54	87	11	28	64-127
4-Chlorophenyl phenyl e	2500.00	2205.77	88	9	38	72-121
4-Nitroaniline	2500.00	1863.99	74	8	27	58-147
4,6-Dinitro-2-methylphe	2500.00	2037.36	81	4	17	56-133
N-Nitrosodiphenylamine	2500.00	2213.19	88	2	19	64-127
4-Bromophenyl phenyl et	2500.00	2063.16	82	10	17	67-122
Hexachlorobenzene	2500.00	2123.61	85	12	26	65-121
Pentachlorophenol	2500.00	2000.47	80	5	20	57-127
Phenanthrene	2500.00	2140.17	86	12	18	70-120
Anthracene	2500.00	1892.96	76	7	24	68-115
Carbazole	2500.00	2185.40	87	4	22	77-128
di-n-Butylphthalate	2500.00	2330.14	93	8	20	67-134
Fluoranthene	2500.00	2194.83	88	5	23	71-123
Pyrene	2500.00	1781.34	71	7	23	66-129
Butylbenzylphthalate	2500.00	1788.90	72	2	23	70-123
Benzo(a)anthracene	2500.00	1870.42	75	6	24	68-128
3,3'-Dichlorobenzidine	2500.00	597.58	24*	44	140	50-114
Chrysene	2500.00	1766.36	71	2	22	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: BLK1144-26 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis(2-Ethylhexyl)phthal	2500.00	1839.61	74	6	23	60-141
di-n-Octylphthalate	2500.00	2203.04	88	5	23	63-142
Benzo(b)fluoranthene	2500.00	2189.40	88	10	21	65-133
Benzo(k)fluoranthene	2500.00	2012.22	80	4	22	66-128
Benzo(a)pyrene	2500.00	1981.38	79	4	22	64-125
Indeno(1,2,3-cd)pyrene	2500.00	2216.46	89	0	24	66-136
Dibenzo(a,h)anthracene	2500.00	1652.97	66	12	25	54-117
Benzo(g,h,i)perylene	2500.00	2190.64	88	1	25	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 10 out of 128 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
Phenol	2500.00	0.00	1759.85	70	43-117
bis(2-Chloroethyl) ether	2500.00	0.00	1779.58	71	53-112
2-Chlorophenol	2500.00	0.00	1785.31	71	46-109
1,3-Dichlorobenzene	2500.00	0.00	1717.24	69	44-103
1,4-Dichlorobenzene	2500.00	0.00	1715.93	69	45-103
1,2-Dichlorobenzene	2500.00	0.00	1735.61	69	49-104
2-Methylphenol	2500.00	0.00	1817.07	73	40-120
2,2-oxybis(1-Chloroprop	2500.00	0.00	1744.71	70	41-120
4-Methylphenol	2500.00	0.00	1891.29	76	44-117
Hexachloroethane	2500.00	0.00	1782.95	71	45-107
N-Nitroso-di-n-prop. (1)	2500.00	0.00	1846.74	74	69-137
Nitrobenzene	2500.00	0.00	1809.99	72	44-117
Isophorone	2500.00	0.00	505.32	20*	44-125
2-Nitrophenol	2500.00	0.00	1801.81	72	45-119
2,4-Dimethylphenol	2500.00	0.00	2407.33	96	45-126
bis(2-Chloroethoxy) meth	2500.00	0.00	1918.77	77	60-113
2,4-Dichlorophenol	2500.00	0.00	1905.39	76	48-116
1,2,4-Trichlorobenzene	2500.00	0.00	1830.71	73	49-109
Naphthalene	2500.00	0.00	1914.06	76	50-114
4-Chloroaniline	2500.00	0.00	217.01	9*	35-107
Hexachlorobutadiene	2500.00	0.00	1830.46	73	50-110
4-Chloro-3-methylphenol	2500.00	0.00	2054.98	82	43-127
2-Methylnaphthalene	2500.00	0.00	1945.42	78	53-110
Hexachlorocyclopentadie	2500.00	0.00	202.23	8*	39-136
2,4,6-Trichlorophenol	2500.00	0.00	1648.59	66	42-115
2,4,5-Trichlorophenol	2500.00	0.00	1931.93	77	45-123
2-Chloronaphthalene	2500.00	0.00	1775.89	71	57-113
2-Nitroaniline	2500.00	0.00	1790.99	72	49-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	1801.61	72	55-114
Acenaphthylene	2500.00	0.00	1738.55	70	54-110
2,6-Dinitrotoluene	2500.00	0.00	1803.46	72	54-121
3-Nitroaniline	2500.00	0.00	794.25	32*	41-107
Acenaphthene	2500.00	0.00	1777.68	71	56-110
2,4-Dinitrophenol	2500.00	0.00	1814.25	72	23-127
Dibenzofuran	2500.00	0.00	1811.82	72	54-114
4-Nitrophenol	2500.00	0.00	1864.50	74	36-132
2,4-Dinitrotoluene	2500.00	0.00	1100.76	44	24-145
Diethylphthalate	2500.00	0.00	1915.44	77	54-120
Fluorene	2500.00	0.00	1922.55	77	55-118
4-Chlorophenyl phenyl e	2500.00	0.00	1979.50	79	55-116
4-Nitroaniline	2500.00	0.00	1543.94	62	43-168
4,6-Dinitro-2-methylphe	2500.00	0.00	1892.30	76	45-130
N-Nitrosodiphenylamine	2500.00	0.00	2173.44	87	43-124
4-Bromophenyl phenyl et	2500.00	0.00	1778.79	71	54-113
Hexachlorobenzene	2500.00	0.00	1806.16	72	53-112
Pentachlorophenol	2500.00	0.00	1755.33	70	38-125
Phenanthrene	2500.00	0.00	1906.98	76	54-115
Anthracene	2500.00	0.00	1690.84	68	52-110
Carbazole	2500.00	0.00	2014.86	80	65-131
di-n-Butylphthalate	2500.00	0.00	2005.84	80	66-127
Fluoranthene	2500.00	0.00	2130.80	85	46-129
Pyrene	2500.00	0.00	1698.80	68	46-118
Butylbenzylphthalate	2500.00	0.00	1670.90	67	63-127
Benzo(a)anthracene	2500.00	0.00	1698.24	68	54-118
3,3'-Dichlorobenzidine	2500.00	0.00	187.16	7*	40-130
Chrysene	2500.00	0.00	1660.39	66	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	2500.00	0.00	1679.29	67	64-135
di-n-Octylphthalate	2500.00	0.00	2223.10	89	63-148
Benzo (b) fluoranthene	2500.00	0.00	1949.83	78	46-135
Benzo (k) fluoranthene	2500.00	0.00	2026.90	81	60-126
Benzo (a) pyrene	2500.00	0.00	1776.00	71	48-122
Indeno (1, 2, 3-cd) pyrene	2500.00	0.00	1556.01	62	45-141
Dibenzo (a, h) anthracene	2500.00	0.00	1231.46	49	43-121
Benzo (g, h, i) perylene	2500.00	0.00	1530.11	61	40-132

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	1850.56	74	5	24	43-117
bis(2-Chloroethyl) ether	2500.00	1745.33	70	2	36	53-112
2-Chlorophenol	2500.00	1836.68	73	3	27	46-109
1,3-Dichlorobenzene	2500.00	1680.56	67	2	35	44-103
1,4-Dichlorobenzene	2500.00	1683.16	67	2	35	45-103
1,2-Dichlorobenzene	2500.00	1750.72	70	1	33	49-104
2-Methylphenol	2500.00	1859.13	74	2	34	40-120
2,2-oxybis(1-Chloroprop	2500.00	1763.12	70	1	32	41-120
4-Methylphenol	2500.00	1984.43	79	5	31	44-117
Hexachloroethane	2500.00	1758.05	70	1	27	45-107
N-Nitroso-di-n-prop. (1)	2500.00	1834.05	73	1	32	69-137
Nitrobenzene	2500.00	1820.71	73	0	22	44-117
Isophorone	2500.00	499.02	20*	1	25	44-125
2-Nitrophenol	2500.00	1801.15	72	0	33	45-119
2,4-Dimethylphenol	2500.00	2330.34	93	3	38	45-126
bis(2-Chloroethoxy) meth	2500.00	1863.71	74	3	32	60-113
2,4-Dichlorophenol	2500.00	1940.74	78	2	29	48-116
1,2,4-Trichlorobenzene	2500.00	1776.69	71	3	35	49-109
Naphthalene	2500.00	1884.07	75	2	21	50-114
4-Chloroaniline	2500.00	205.30	8*	6	26	35-107
Hexachlorobutadiene	2500.00	1759.11	70	4	27	50-110
4-Chloro-3-methylphenol	2500.00	2092.11	84	2	31	43-127
2-Methylnaphthalene	2500.00	1925.46	77	1	25	53-110
Hexachlorocyclopentadie	2500.00	190.58	8*	6	28	39-136
2,4,6-Trichlorophenol	2500.00	1664.47	66	1	30	42-115
2,4,5-Trichlorophenol	2500.00	2026.37	81	5	32	45-123
2-Chloronaphthalene	2500.00	1769.06	71	0	24	57-113
2-Nitroaniline	2500.00	1859.38	74	4	30	49-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	1824.50	73	1	32	55-114
Acenaphthylene	2500.00	1771.35	71	2	28	54-110
2,6-Dinitrotoluene	2500.00	1865.70	75	3	29	54-121
3-Nitroaniline	2500.00	850.70	34*	7	31	41-107
Acenaphthene	2500.00	1837.81	74	3	31	56-110
2,4-Dinitrophenol	2500.00	1963.06	78	8	28	23-127
Dibenzofuran	2500.00	1878.71	75	4	32	54-114
4-Nitrophenol	2500.00	1690.06	68	10	29	36-132
2,4-Dinitrotoluene	2500.00	1147.20	46	4	28	24-145
Diethylphthalate	2500.00	2010.52	80	5	32	54-120
Fluorene	2500.00	1978.93	79	3	30	55-118
4-Chlorophenyl phenyl e	2500.00	2017.93	81	2	37	55-116
4-Nitroaniline	2500.00	1726.50	69	11	27	43-168
4,6-Dinitro-2-methylphe	2500.00	1945.20	78	3	32	45-130
N-Nitrosodiphenylamine	2500.00	2145.57	86	1	26	43-124
4-Bromophenyl phenyl et	2500.00	1780.04	71	0	35	54-113
Hexachlorobenzene	2500.00	1824.54	73	1	32	53-112
Pentachlorophenol	2500.00	1774.88	71	1	28	38-125
Phenanthrene	2500.00	1891.04	76	1	25	54-115
Anthracene	2500.00	1715.46	69	1	31	52-110
Carbazole	2500.00	2101.79	84	4	36	65-131
di-n-Butylphthalate	2500.00	2064.16	82	3	29	66-127
Fluoranthene	2500.00	2113.21	84	1	34	46-129
Pyrene	2500.00	1690.18	68	0	21	46-118
Butylbenzylphthalate	2500.00	1754.70	70	5	34	63-127
Benzo(a)anthracene	2500.00	1730.64	69	2	31	54-118
3,3'-Dichlorobenzidine	2500.00	160.86	6*	15	35	40-130
Chrysene	2500.00	1689.54	68	2	28	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 011003.B

Matrix Spike - Sample No.: 830290-002 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis(2-Ethylhexyl)phthal	2500.00	1723.86	69	3	32	64-135
di-n-Octylphthalate	2500.00	2574.93	103	15	37	63-148
Benzo(b) fluoranthene	2500.00	2128.55	85	9	30	46-135
Benzo(k) fluoranthene	2500.00	2226.95	89	9	27	60-126
Benzo(a) pyrene	2500.00	1842.77	74	4	31	48-122
Indeno(1,2,3-cd) pyrene	2500.00	1409.19	56	10	33	45-141
Dibenzo(a,h) anthracene	2500.00	1079.60	43	13	35	43-121
Benzo(g,h,i) perylene	2500.00	1293.38	52	17	33	40-132

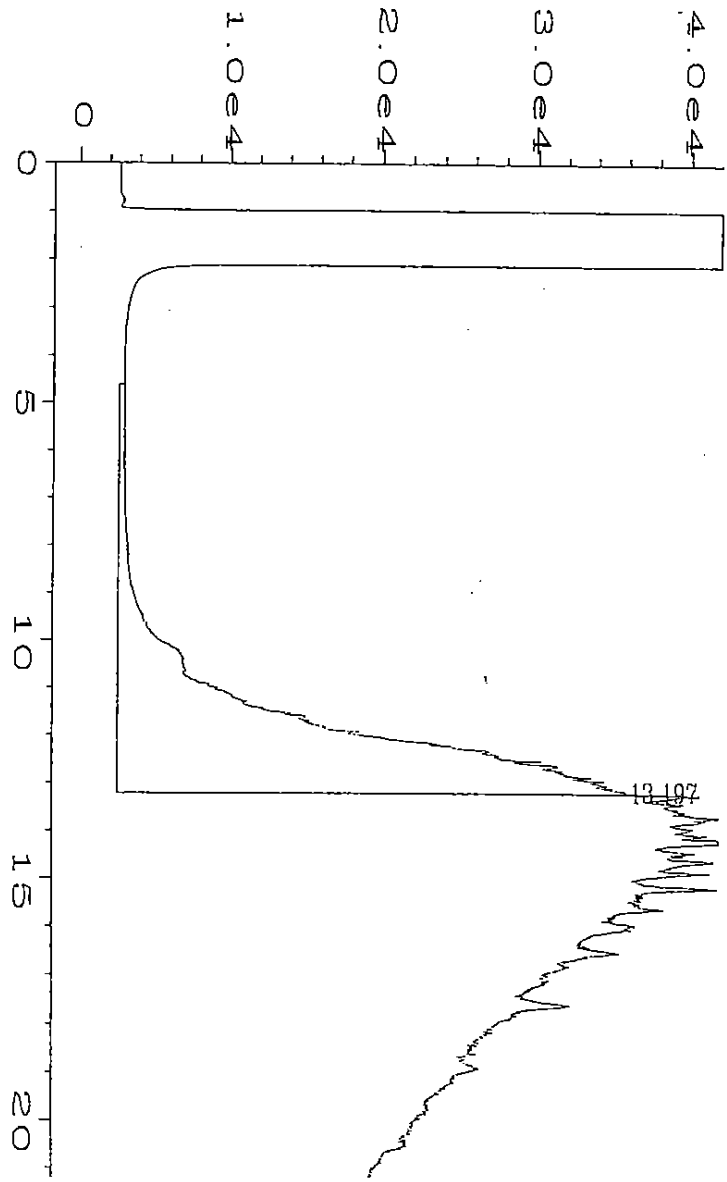
(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 10 out of 128 outside limits

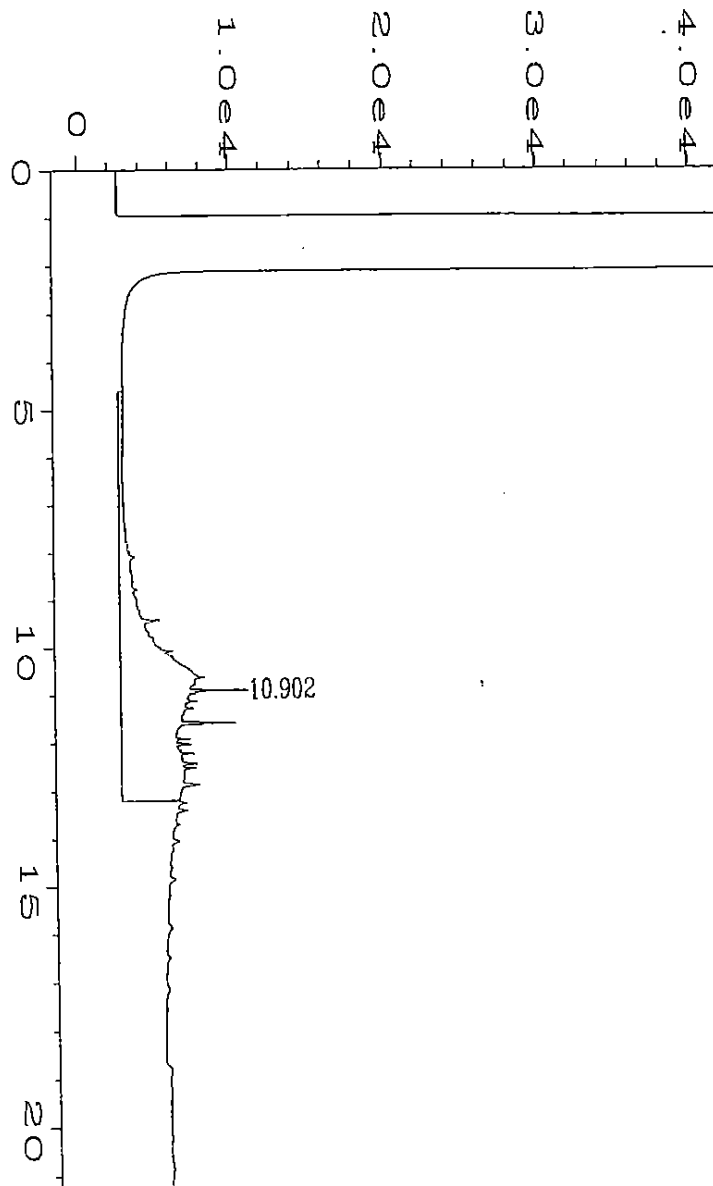
COMMENTS: _____

DRO response
 not present in upper
 1/2 of curve due to
 presence of tail
 eluting hydrocarbons
 1/9/03



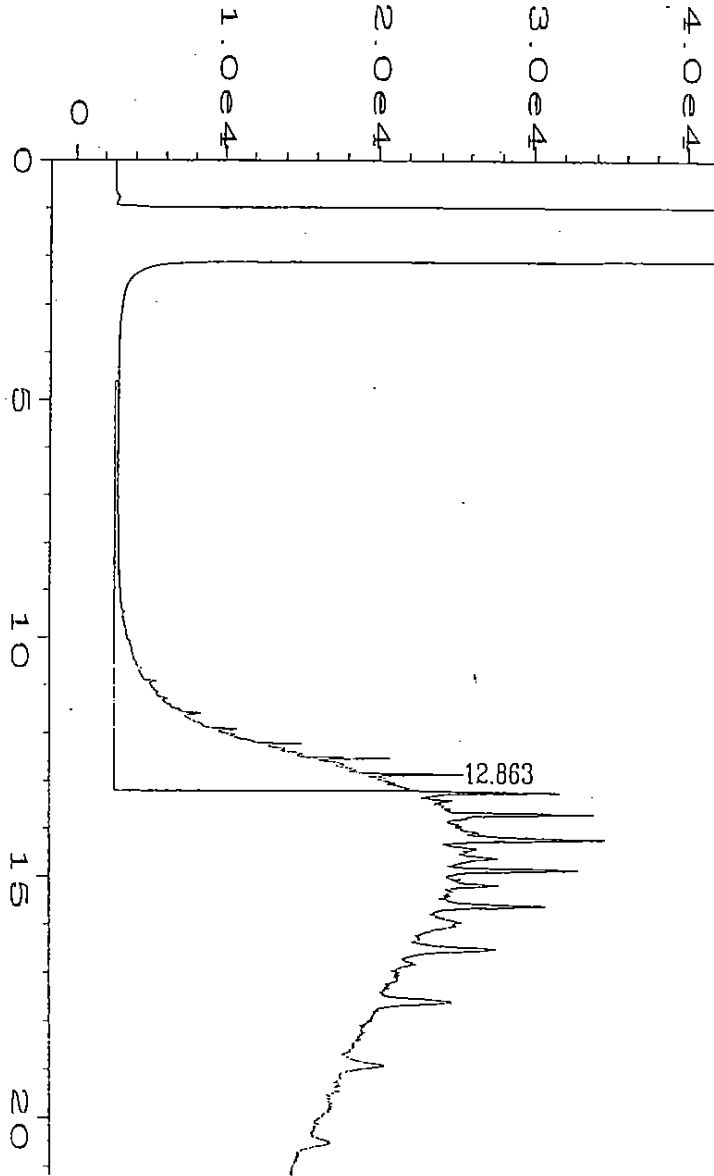
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Instrument	: DRO	Injection Number	: 1
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Run Time Bar Code:		Instrument Method	: 1QUICK.MTH
Acquired on	: 09 Jan 03 02:37 AM	Analysis Method	: 1QUICK.MTH
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Multiplier	: 1		



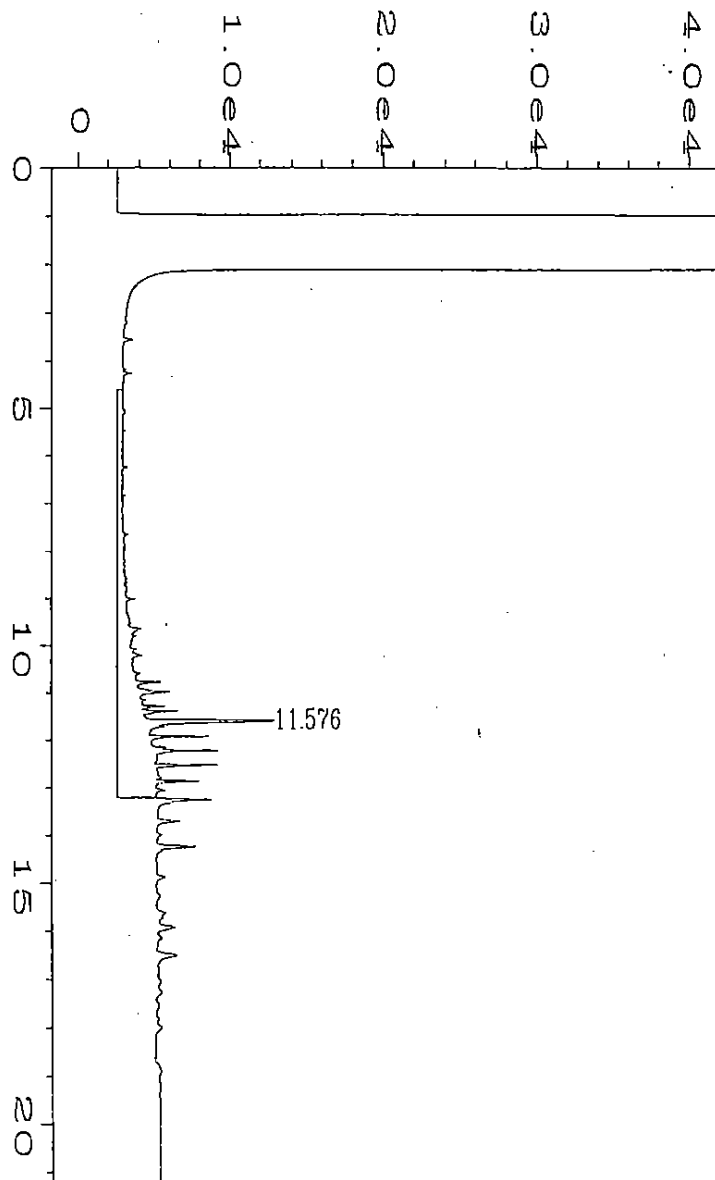
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Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 09 Jan 03 11:05 AM	Analysis Method	: 1QUICK.MTH
Report created on:	09 Jan 03 11:31 AM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		

DRO response
 not as upper
 curve due to presence
 of total eluting
 hydrocarbons
 KEG 1/9/03



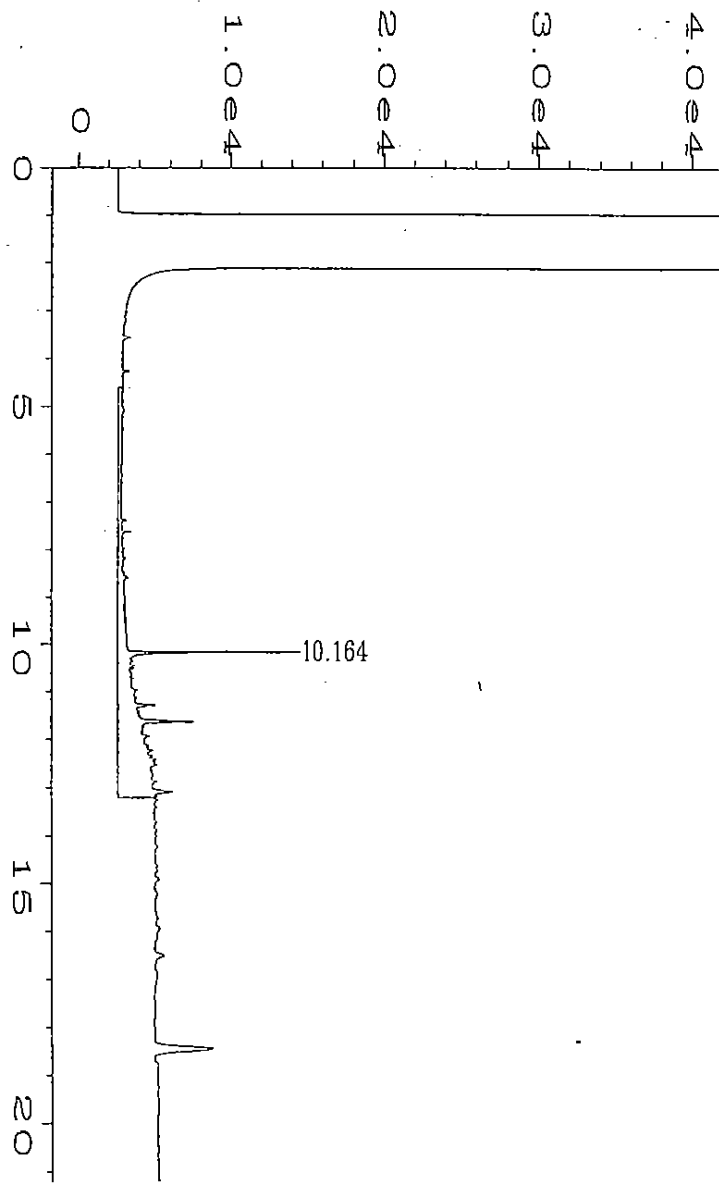
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Data File Name	: G:\HPCHEM\3\DATA\010803\029R0401.D	Page Number	: 1
Operator	: KEG	Vial Number	: 29
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D020SER20	Sequence Line	: 4
Run Time Bar Code:		Instrument Method	: 1QUICK.MTH
Acquired on	: 09 Jan 03 02:11 AM	Analysis Method	: 1QUICK.MTH
Report created on:	: 09 Jan 03 02:37 AM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



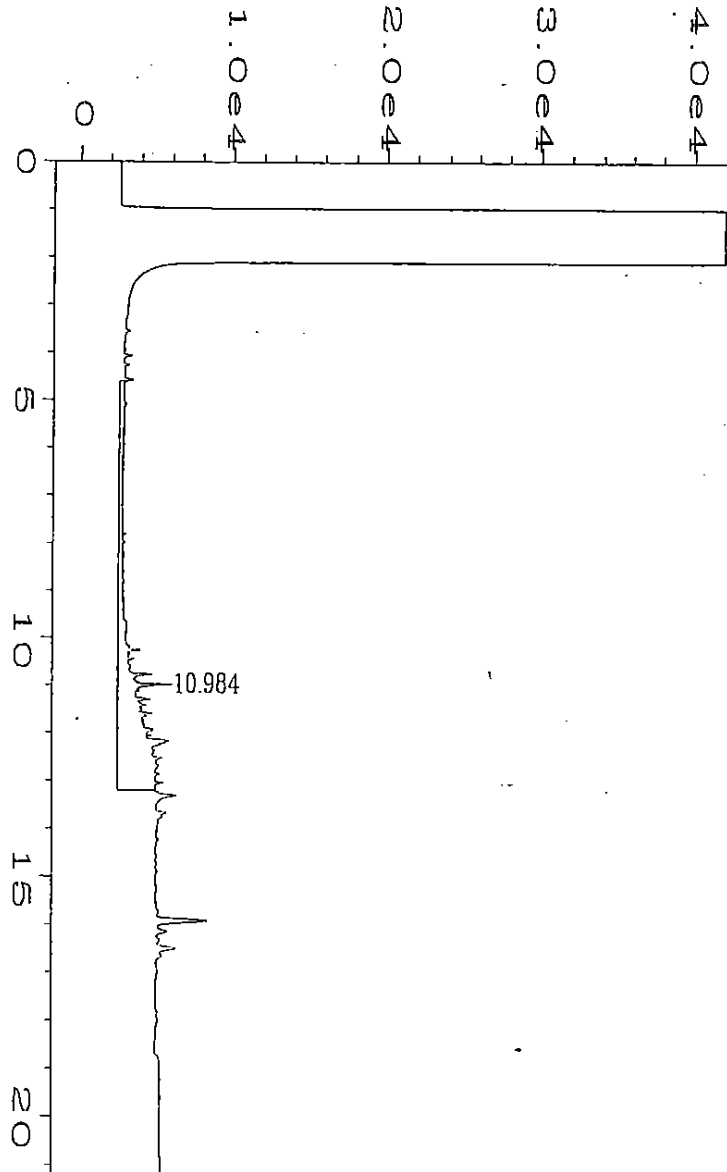
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Operator	: KEG	Vial Number	: 18
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D029SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 10:14 PM	Analysis Method	: 1QUICK.MTH
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Multiplier	: 1		



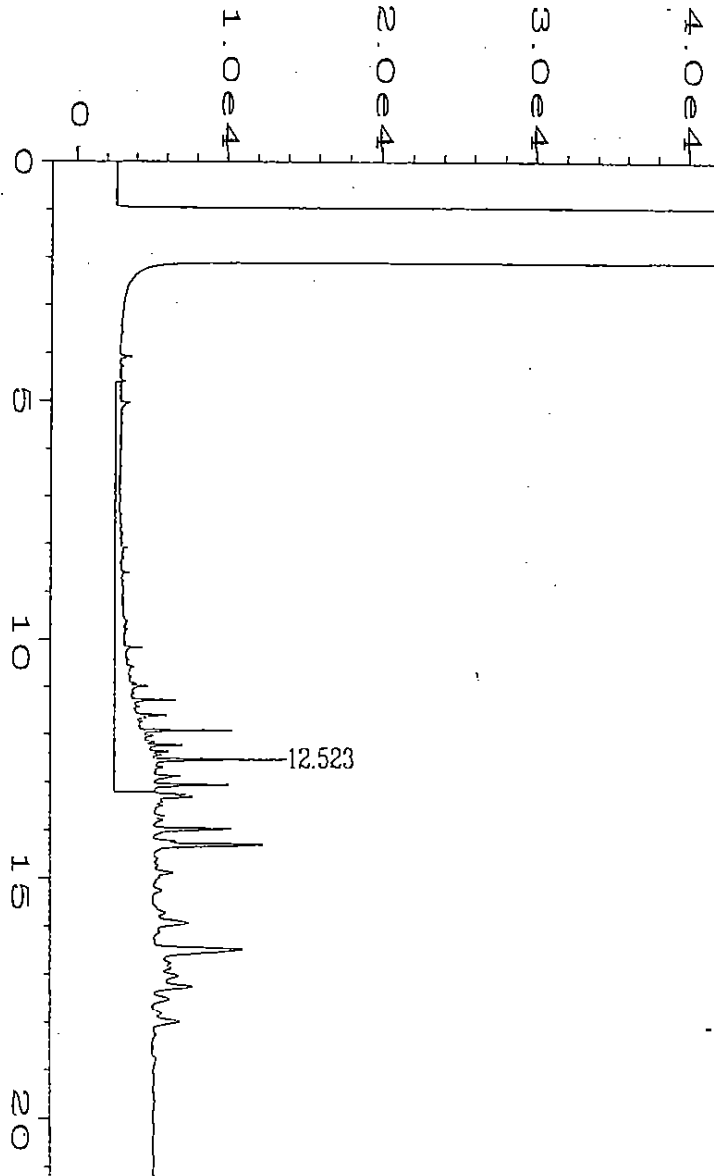
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Operator	: KEG	Vial Number	: 22
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D058SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 09 Jan 03 00:00 AM	Analysis Method	: 1QUICK.MTH
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Multiplier	: 1		

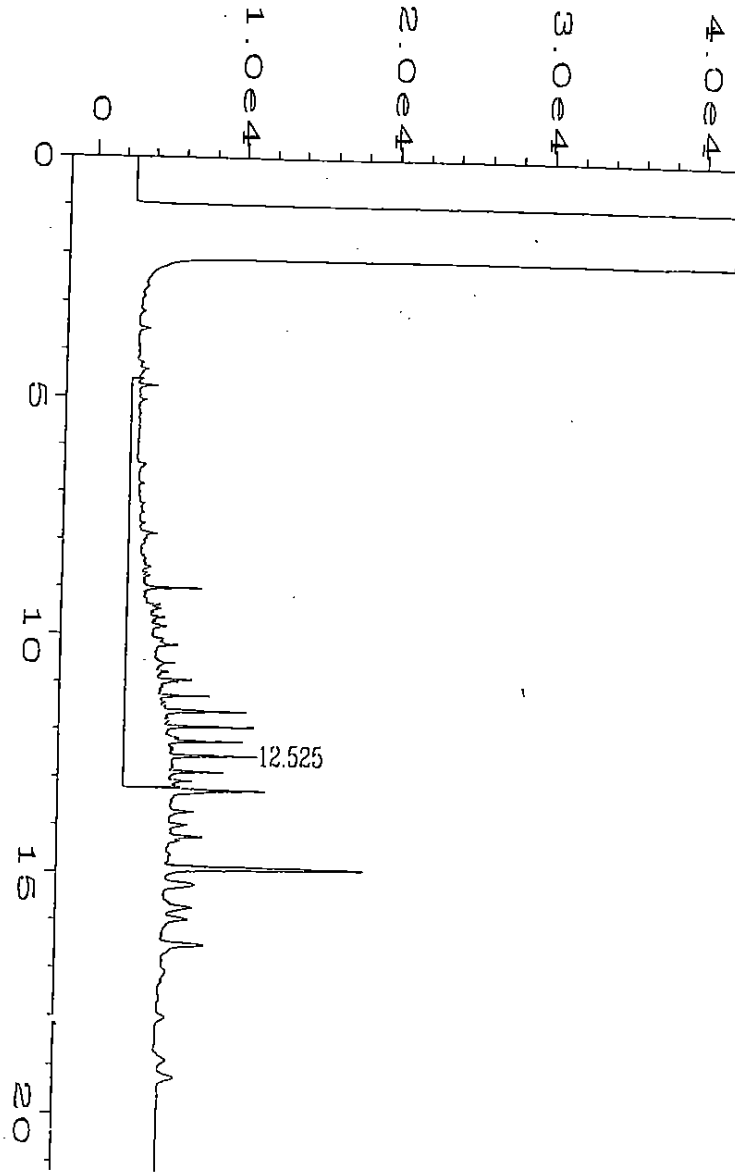


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Operator	: KEG	Vial Number	: 15
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D059SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 08:55 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	08 Jan 03 09:21 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		

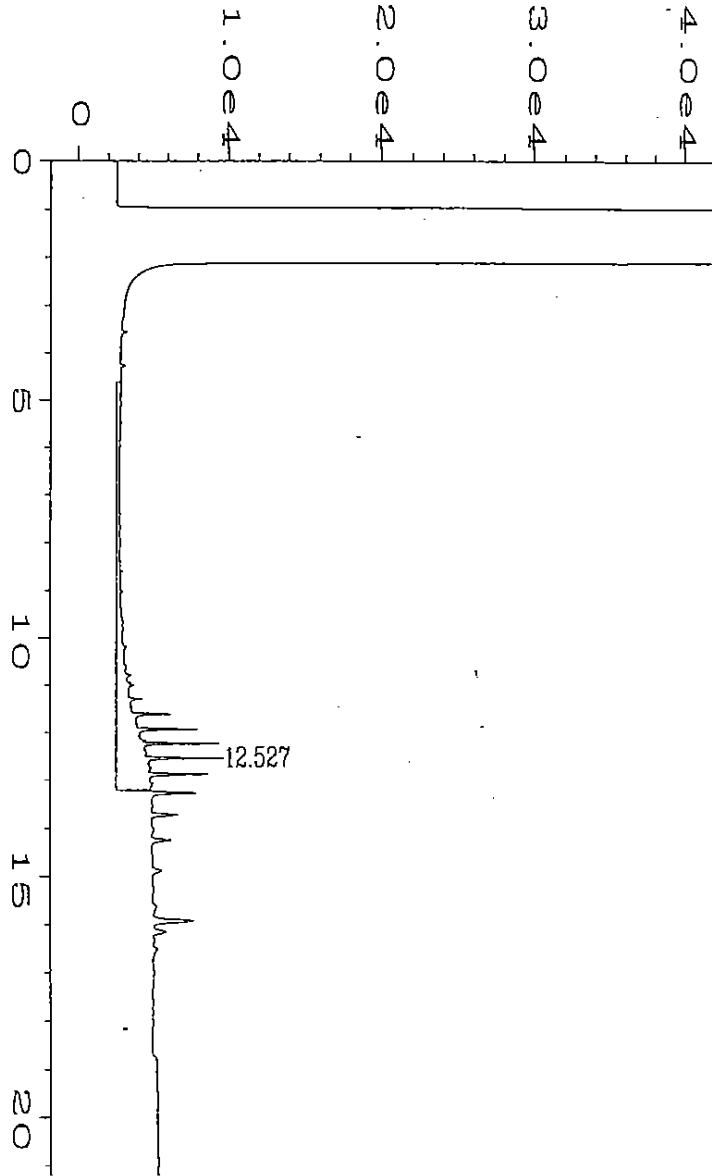


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Operator	: KEG	Vial Number	: 5
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D060SER1	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 09 Jan 03 11:31 AM	Analysis Method	: 1QUICK.MTH
Report Created on:	09 Jan 03 11:58 AM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



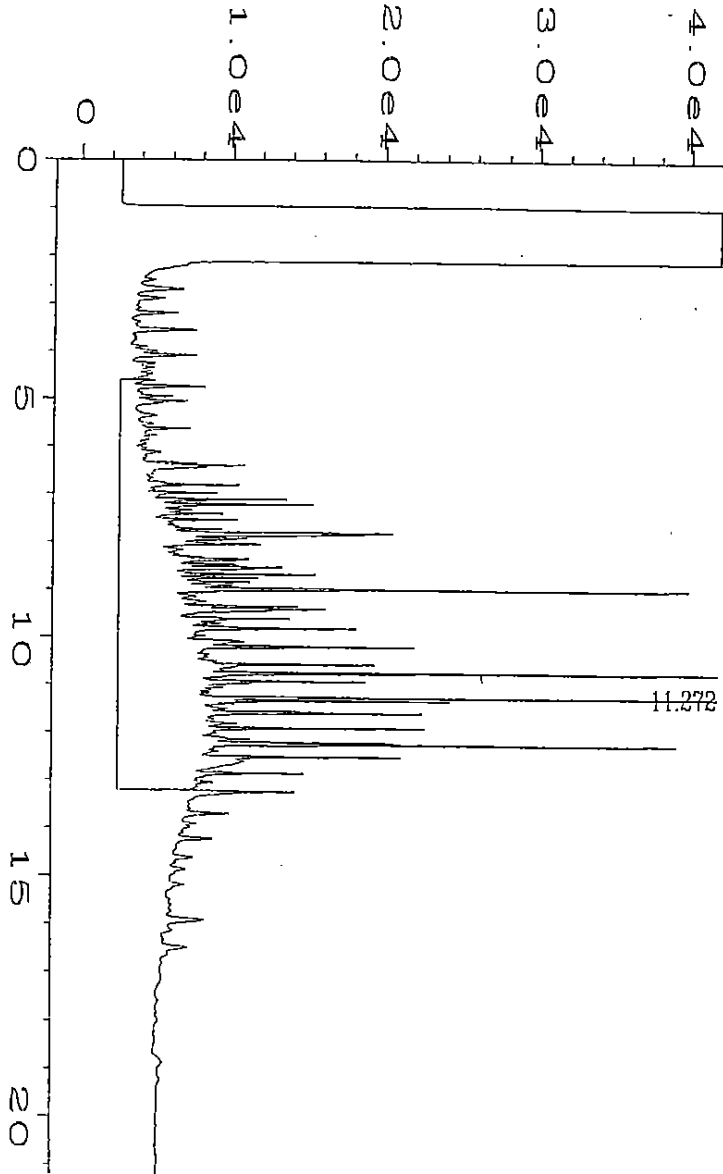
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Operator	: KEG	Vial Number	: 21
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D070SEX1	Sequence Line	: 3
Print Time Bar Code:		Instrument Method:	: 1QUICK.MTH
Acquired on	: 08 Jan 03 11:33 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	: 08 Jan 03 11:59 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



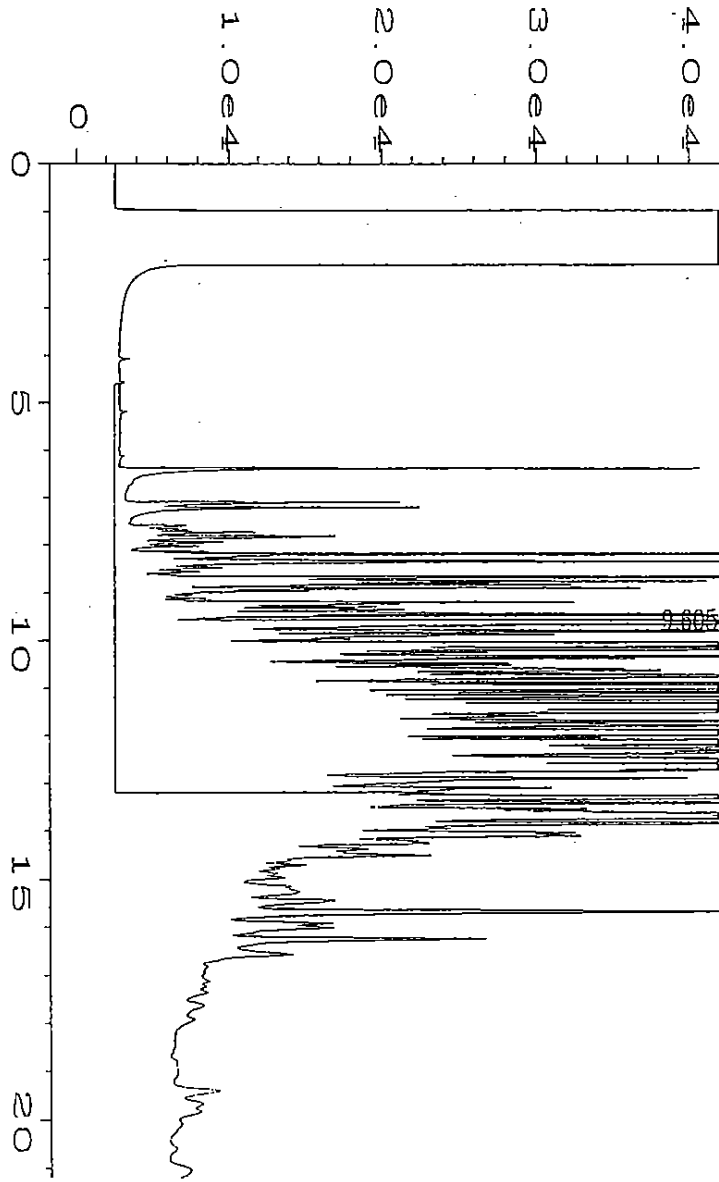
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Data File Name	: G:\HPCHEM\3\DATA\010803\016R0301.D	Page Number	: 1
Operator	: KEG	Vial Number	: 16
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D073SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 09:22 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	08 Jan 03 09:48 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



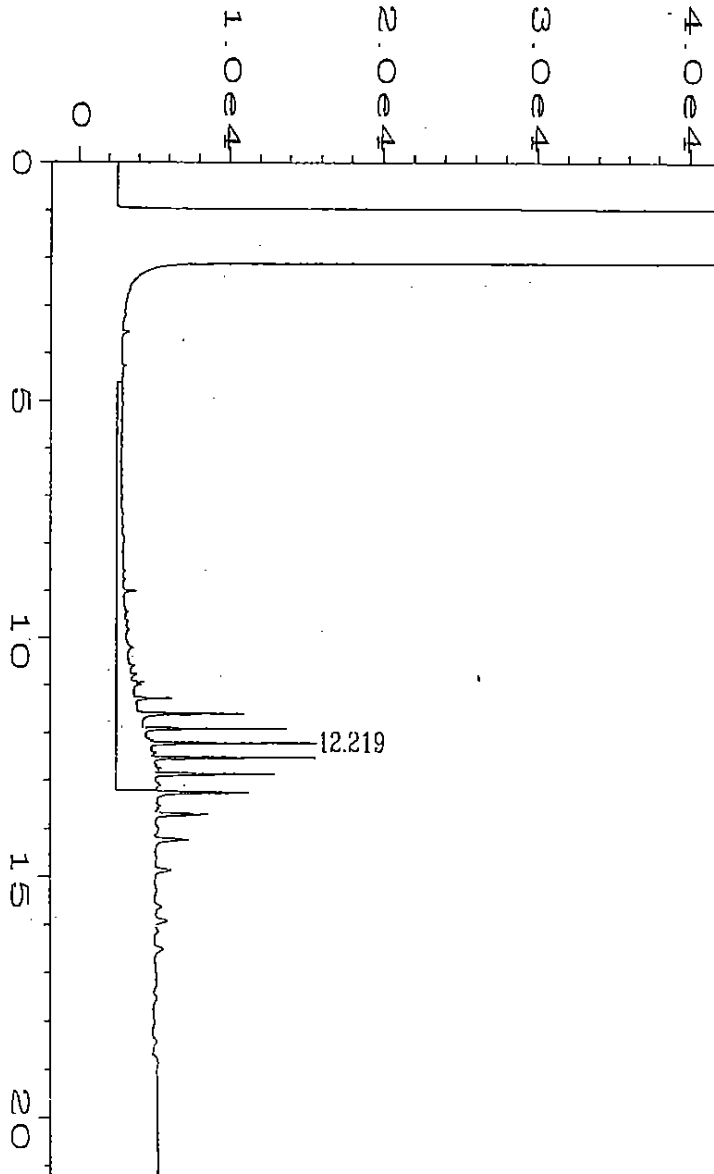
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Operator	: KEG	Vial Number	: 19
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D074SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 10:41 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	08 Jan 03 11:07 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



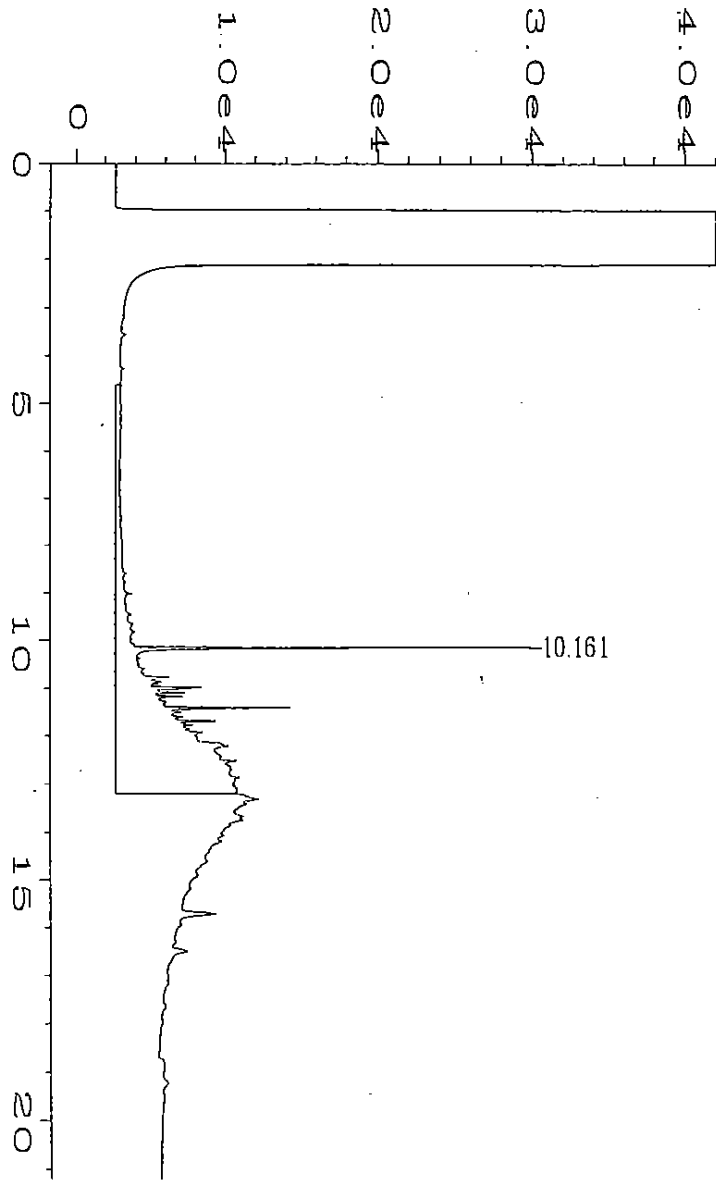
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Data File Name	: G:\HPCHEM\3\DATA\010803\007R0101.D	Page Number	: 1
Operator	: KEG	Vial Number	: 7
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D015SEX200	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 02:20 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	08 Jan 03 02:46 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



user modified

Data File Name	: G:\HPCHEM\3\DATA\010803\017R0301.D	Page Number	: 1
Operator	: KEG	Vial Number	: 17
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D077SEX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 08 Jan 03 09:48 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	08 Jan 03 10:14 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multipplier	: 1		



user modified

Data File Name	: G:\HPCHEM\3\DATA\010803\028R0401.D	Page Number	: 1
Operator	: KEG	Vial Number	: 28
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30290D079SER1	Sequence Line	: 4
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 09 Jan 03 01:45 AM	Analysis Method	: 1QUICK.MTH
Report Created on:	09 Jan 03 02:11 AM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		

FORM 1.
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TERRACON SAMPLE NO.

SBLK82

Lab Name: EN CHEM INC Contract: TERRACON

Lab Code: Case No.: SAS No.: SDG No.: 830290

Matrix: (soil/water) SOIL Lab Sample ID: SBLK82

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H2050

Level: (low/med) LOW Date Received: _____

% Moisture: 0.0 decanted: (Y/N) N Date Extracted: 02/04/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl) ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
67-72-1	Hexachloroethane	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy) methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TERRACON SAMPLE NO.

SBLK82

Lab Name: EN CHEM INC Contract: TERRACON

Lab Code: Case No.: SAS No.: SDG No.: 830290

Matrix: (soil/water) SOIL Lab Sample ID: SBLK82

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H2050

Level: (low/med) LOW Date Received: _____

% Moisture: 0.0 decanted: (Y/N) N Date Extracted: 02/03/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/07/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	830	U
132-64-9-----	Dibenzofuran	330	U
100-02-7-----	4-Nitrophenol	830	U
121-14-2-----	2,4-Dinitrotoluene	330	U
84-66-2-----	Diethylphthalate	330	U
86-73-7-----	Fluorene	330	U
7005-72-3-----	4-Chlorophenyl phenyl ether	330	U
100-01-6-----	4-Nitroaniline	830	U
534-52-1-----	4,6-Dinitro-2-methylphenol	830	U
86-30-6-----	N-Nitrosodiphenylamine (1)	330	U
101-55-3-----	4-Bromophenyl phenyl ether	330	U
118-74-1-----	Hexachlorobenzene	330	U
87-86-5-----	Pentachlorophenol	830	U
85-01-8-----	Phenanthrene	330	U
120-12-7-----	Anthracene	330	U
86-74-8-----	Carbazole	330	U
84-74-2-----	di-n-Butylphthalate	330	U
206-44-0-----	Fluoranthene	330	U
129-00-0-----	Pyrene	330	U
85-68-7-----	Butylbenzylphthalate	330	U
56-55-3-----	Benzo(a)anthracene	330	U
91-94-1-----	3,3'-Dichlorobenzidine	330	U
218-01-9-----	Chrysene	330	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	330	U
117-84-0-----	di-n-Octylphthalate	330	U
205-99-2-----	Benzo(b)fluoranthene	330	U
207-08-9-----	Benzo(k)fluoranthene	330	U
50-32-8-----	Benzo(a)pyrene	330	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	330	U
53-70-3-----	Dibenzo(a,h)anthracene	330	U
191-24-2-----	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 (PHL) #	S3 (2CP) #	S4 (DCB) #	S5 (NBZ) #	S6 (FBP) #	S7 (TBP) #	S8 (TPH) #	TO OUT
01	SBLK82	97	100	85	78	101	89	41	114	
02	SBLK82LCS	96	98	104	89	104	94	104	104	
03	OP-TP-2 4	92	97	87	62	94	82	89	113	
04	OP-TP-2 4MS	98	108*	93	73	102	88	98	115	
05	OP-TP-2 4MSD	100	110*	94	62	102	91	99	104	
06										
07										
08										
09										
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27										
28										
29										
30										

QC LIMITS

- S1 (2FP) = 2-Fluorophenol (47-100)
- S2 (PHL) = Phenol-d5 (47-104)
- S3 (2CP) = 2-Chlorophenol-d4 (6-116) (advisory)
- S4 (DCB) = 1,2-Dichlorobenzene-d4 (31-112) (advisory)
- S5 (NBZ) = Nitrobenzene-d5 (42-106)
- S6 (FBP) = 2-Fluorobiphenyl (49-108)
- S7 (TBP) = 2,4,6-Tribromophenol (35-117)
- S8 (TPH) = Terphenyl-d14 (48-122)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogate diluted out

3D
SOIL SEMIVOLATILE METHOD SPIKE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: SBLK82LCS

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	% REC #	QC. LIMITS REC.
Phenol	3300	3300	100	59-109
bis(2-Chloroethyl) ether	3300	3000	91	54-116
2-Chlorophenol	3300	3000	91	68-105
1,3-Dichlorobenzene	3300	2600	79	53-106
1,4-Dichlorobenzene	3300	2700	82	56-104
1,2-Dichlorobenzene	3300	2700	82	54-107
2-Methylphenol	3300	3200	97	55-122
2,2-oxybis(1-Chloroprop	3300	4600	139*	47-129
4-Methylphenol	3300	3100	94	56-122
Hexachloroethane	3300	2700	82	58-108
N-Nitroso-di-n-prop. (1)	3300	3500	106	56-117
Nitrobenzene	3300	3300	100	58-108
Isophorone	3300	3500	106*	71-101
2-Nitrophenol	3300	2600	79	60-109
2,4-Dimethylphenol	3300	2300	70	51-106
bis(2-Chloroethoxy) meth	3300	3100	94	59-111
2,4-Dichlorophenol	3300	2800	85	5-105
1,2,4-Trichlorobenzene	3300	2600	79	57-108
Naphthalene	3300	2800	85	60-107
4-Chloroaniline	3300	450	14	0- 84
Hexachlorobutadiene	3300	2400	73	56-113
4-Chloro-3-methylphenol	3300	3200	97	64-114
2-Methylnaphthalene	3300	2800	85	57-106
Hexachlorocyclopentadie	3300	1300	39	6-181
2,4,6-Trichlorophenol	3300	2800	85	67-107
2,4,5-Trichlorophenol	3300	2700	82	67-109
2-Chloronaphthalene	3300	2900	88	65-107
2-Nitroaniline	3300	3200	97	60-118

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE METHOD SPIKE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: SBLK82LCS

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	% REC #	QC. LIMITS REC.
Dimethylphthalate	3300	2800	85	67-114
Acenaphthylene	3300	2800	85	63-112
2,6-Dinitrotoluene	3300	2700	82	68-115
3-Nitroaniline	3300	1200	36	16- 91
Acenaphthene	3300	3000	91	53-126
2,4-Dinitrophenol	3300	2300	70	9-145
Dibenzofuran	3300	2800	85	60-116
4-Nitrophenol	3300	3300	100	34-146
2,4-Dinitrotoluene	3300	2700	82	70-112
Diethylphthalate	3300	2900	88	56-124
Fluorene	3300	2900	88	60-122
4-Chlorophenyl phenyl e	3300	2700	82	64-116
4-Nitroaniline	3300	2500	76	53-119
4,6-Dinitro-2-methylphe	3300	2700	82	32-134
N-Nitrosodiphenylamine	3300	3100	94	69-109
4-Bromophenyl phenyl et	3300	2800	85	68-108
Hexachlorobenzene	3300	2800	85	67-107
Pentachlorophenol	3300	2800	85	26-144
Phenanthrene	3300	3100	94	63-115
Anthracene	3300	2800	85	66-108
Carbazole	3300	3200	97	48-155
di-n-Butylphthalate	3300	3400	103	67-113
Fluoranthene	3300	2900	88	77-102
Pyrene	3300	3100	94	69-110
Butylbenzylphthalate	3300	3500	106	68-116
Benzo (a) anthracene	3300	2700	82	71-107
3,3'-Dichlorobenzidine	3300	1200	36	13- 90
Chrysene	3300	2700	82	64-116

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE METHOD SPIKE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: SBLK82LCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	% REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal di-n-Octylphthalate	3300	3500	106	69-115
Benzo (b) fluoranthene	3300	4600	139*	62-131
Benzo (k) fluoranthene	3300	3000	91	60-125
Benzo (a) pyrene	3300	3000	91	55-130
Indeno (1, 2, 3-cd) pyrene	3300	2800	85	60-125
Dibenzo (a, h) anthracene	3300	2800	85	64-130
Dibenzo (a, h) anthracene	3300	2700	82	66-131
Benzo (g, h, i) perylene	3300	2900	88	67-121

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: OP-TP-2 4

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	4100	73	4000	96	33-150
di-n-Octylphthalate	4100	0.00	3700	90	38-138
Benzo (b) fluoranthene	4100	140	3300	77	45-123
Benzo (k) fluoranthene	4100	180	2900	66	39-129
Benzo (a) pyrene	4100	190	3200	73	44-131
Indeno (1, 2, 3-cd) pyrene	4100	390	4200	93	42-147
Dibenzo (a, h) anthracene	4100	0.00	4100	100	39-147
Benzo (g, h, i) perylene	4100	370	4700	106	35-141

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: OP-TP-2 4

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	4100	3700	90	3	25	57-104
bis (2-Chloroethyl) ether	4100	3400	83	3	27	53-104
2-Chlorophenol	4100	3400	83	0	30	57-103
1,3-Dichlorobenzene	4100	2500	61	8	32	50-100
1,4-Dichlorobenzene	4100	2600	63	4	33	53- 98
1,2-Dichlorobenzene	4100	2700	66	4	32	53-101
2-Methylphenol	4100	3600	88	0	27	56-107
2,2-oxybis(1-Chloroprop	4100	4500	110	4	29	33-125
4-Methylphenol	4100	3700	90	0	30	41-120
Hexachloroethane	4100	2700	66	4	28	50-103
N-Nitroso-di-n-prop. (1)	4100	3700	90	0	19	56-106
Nitrobenzene	4100	3700	90	3	22	59-100
Isophorone	4100	4000	98	2	22	46-120
2-Nitrophenol	4100	3200	78	0	20	60- 99
2,4-Dimethylphenol	4100	2700	66	4	29	54- 94
bis (2-Chloroethoxy) meth	4100	3600	88	0	25	56-105
2,4-Dichlorophenol	4100	3300	80	0	24	63-103
1,2,4-Trichlorobenzene	4100	2900	71	4	25	59- 98
Naphthalene	4100	3200	78	3	25	61- 99
4-Chloroaniline	4100	280	7	53	63	1- 75
Hexachlorobutadiene	4100	2600	63	0	25	58-102
4-Chloro-3-methylphenol	4100	3700	90	3	25	61-110
2-Methylnaphthalene	4100	3300	80	3	22	56-102
Hexachlorocyclopentadie	4100	580	14	37	52	5-170
2,4,6-Trichlorophenol	4100	3400	83	0	20	61-108
2,4,5-Trichlorophenol	4100	3500	85	3	21	63-109
2-Chloronaphthalene	4100	3600	88	3	22	64-102
2-Nitroaniline	4100	4000	98	2	16	55-119

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: OP-TP-2 4

Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	4100	3400	83	0	17	63-111
Acenaphthylene	4100	3300	80	3	20	66-104
2,6-Dinitrotoluene	4100	3300	80	3	22	66-107
3-Nitroaniline	4100	1200	29	15	37	14- 99
Acenaphthene	4100	3600	85	3	20	62-106
2,4-Dinitrophenol	4100	2800	68	0	36	13-107
Dibenzofuran	4100	3500	85	3	21	58-110
4-Nitrophenol	4100	3700	90	3	23	28-152
2,4-Dinitrotoluene	4100	3200	78	0	17	63-108
Diethylphthalate	4100	3500	85	0	16	56-116
Fluorene	4100	3400	81	0	20	56-120
4-Chlorophenyl phenyl e	4100	3000	73	3	21	59-117
4-Nitroaniline	4100	2200	54	13	24	35-132
4,6-Dinitro-2-methylphe	4100	3300	80	3	30	34-117
N-Nitrosodiphenylamine	4100	3700	90	0	25	66-112
4-Bromophenyl phenyl et	4100	3400	83	6	22	66-105
Hexachlorobenzene	4100	3300	80	3	23	62-106
Pentachlorophenol	4100	3700	90	6	29	18-128
Phenanthrene	4100	3600	74	0	20	49-124
Anthracene	4100	2900	67	3	23	63-108
Carbazole	4100	3600	86	0	21	41-164
di-n-Butylphthalate	4100	3800	93	5	20	58-118
Fluoranthene	4100	3000	60	3	18	55-115
Pyrene	4100	3800	79	12	23	52-122
Butylbenzylphthalate	4100	4100	100	14	22	62-113
Benzo(a)anthracene	4100	2800	63*	10	19	64-111
3,3'-Dichlorobenzidine	4100	890	22	51*	33	5-105
Chrysene	4100	2700	60	14	23	40-138

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Matrix Spike - EPA Sample No.: OP-TP-2 4 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis (2-Ethylhexyl) phthal di-n-Octylphthalate	4100	3600	86	10	23	33-150
Benzo (b) fluoranthene	4100	3400	83	8	30	38-138
Benzo (k) fluoranthene	4100	3100	72	6	26	45-123
Benzo (a) pyrene	4100	2800	64	4	37	39-129
Indeno (1, 2, 3-cd) pyrene	4100	3100	71	3	26	44-131
Dibenzo (a, h) anthracene	4100	4400	98	5	27	42-147
Benzo (g, h, i) perylene	4100	4400	107	7	28	39-147
	4100	4800	108	2	35	35-141

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 64 outside limits

Spike Recovery: 2 out of 128 outside limits

COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK82

Lab Name: EN CHEM INC

Contract: TERRACON

Lab Code:

Case No.:

SAS No.:

SDG No.: 830290

Lab File ID: H2050

Lab Sample ID: SBLK82

Instrument ID: SVMS2

Date Extracted: 02/04/03

Matrix: (soil/water) SOIL

Date Analyzed: 02/07/03

Level: (low/med) LOW

Time Analyzed: 0916

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK82LCS	LCS82	H2051	02/07/03
02	OP-TP-2 4	830290-008	H2052	02/07/03
03	OP-TP-2 4MS	830290-008MS	H2053	02/07/03
04	OP-TP-2 4MSD	830290-008MSD	H2054	02/07/03
05				
06				
07				
08				
09				
10				
11				
12				
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29				
30				

COMMENTS:

Surrogate - GC VOA	Aqueous		Low Level Solids		Methanol Solids	
	LCL	UCL	LCL	UCL	LCL	UCL
α,α,α -Trifluorotoluene	61	149	54	144	62	154

Surrogate - GCMS VOA	Aqueous		Low Level Solids		Methanol Solids	
	LCL	UCL	LCL	UCL	LCL	UCL
Dibromofluoromethane	61	136	51	127	57	118
Toluene-d ₈	63	140	62	126	72	115
4-Bromofluorobenzene	55	136	60	109	67	112

Surrogate - GCMS PAH	Aqueous		Solids	
	LCL	UCL	LCL	UCL
Nitrobenzene-d ₅	30	170	35	126
2-Fluorobiphenyl	30	126	44	110
Terphenyl-d ₁₄	56	148	38	145

Surrogate - GCMS BNA	Aqueous		Solids	
	LCL	UCL	LCL	UCL
2-Fluorophenol	13	70	35	114
Phenol-d ₅	8	44	29	114
2-Chlorophenol-d ₄	29	104	34	107
1,2-Dichlorobenzene-d ₄	34	112	27	116
Nitrobenzene-d ₅	34	126	26	126
2-Fluorobiphenyl	36	126	26	126
2,4,6-Tribromophenol	39	133	17	129
Terphenyl-d ₁₄	56	139	23	141

Surrogate - GC PCB	Aqueous		Solids	
	LCL	UCL	LCL	UCL
Decachlorobiphenyl	22	133	11	142



1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2488
FAX 920-469-8927

CHAIN OF CUSTODY

95355

Analyses Requested:
 A=None Ba=CL
 H = Sodium Bisulfate Solution
 FILTERED? (YES/NO)
 PRESERVATION (CODE):

Preservation Codes:
 D=HNO3 C=H2SO4
 E=EnCore I= Sodium Thiosulfate
 F=Malhanol J=Other
 G=NaOH

PO # _____ of _____
 Quote # _____
 Mail Report To: Jake Schultz
 Company: TERACON
 Address: 3535 Highway A3E
White Bear Lake MN 55110

Company Name: Teracon
 Branch or Location: White Bear Lake
 Project Contact: Jake Schultz
 Telephone: 651 770 1500
 Project Number: 41027052
 Project Name: COM
 Project State: MN
 Sampled By (Print): Matt Bremerhorst

Data Package Options - (please circle if requested)

- Sample Results Only (no QC)
- EPA Level II (Subject to Surcharge)
- EPA Level III (Subject to Surcharge)
- EPA Level IV (Subject to Surcharge)

Regulatory Program:
 UST
 RCRA
 SDWA
 NPDES
 CERCLA
 C=Charcoal
 B=Biologics
 S=Sludge

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

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	TIME	MATRIX
001	PSB-TP-1 (3-4)	11/30/03	12:00	S
002	PSB-TP-2 (6')	11/30/03	12:30	S
003	MS-TP-2	11/30/03	9:30	S
004	MS-TP-1 (5')	11/30/03	9:30	S

ANALYSES REQUESTED:
 Seawater
 PCB's
 DRG
 VOC
 RCWA Metals
 Nitrate
 Seawater + PH
 TOTAL # OF BOTTLES SENT

CLIENT COMMENTS:
 Shipped on ice in sealed cooler.

Mail Invoice To: _____
 Address: _____
 Company: _____
 Invoice To: Stewart
 Address: _____
 Company: _____

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	TIME	MATRIX	RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	EN CHEM PROJECT NO
001	PSB-TP-1 (3-4)	11/30/03	12:00	S	<u>Matt Bremerhorst</u>	11/30/03 1330	<u>Alan</u>	11/15/03 12:15	830582
002	PSB-TP-2 (6')	11/30/03	12:30	S	<u>Matt Bremerhorst</u>	11/30/03 1330	<u>Alan</u>	11/15/03 12:15	830582
003	MS-TP-2	11/30/03	9:30	S	<u>Dan Hume</u>	11/16/03 0800	<u>Kay Pakowski</u>	11/16/03 0800	WA
004	MS-TP-1 (5')	11/30/03	9:30	S	<u>Dan Hume</u>	11/16/03 0800	<u>Kay Pakowski</u>	11/16/03 0800	WA

Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

En Chem Project No: _____
 Sample Receipt Temp: _____
 Sample Receipt pH: _____
 Cooler Custody Seal: _____
 Refract: _____
 Version 2.0 1/02



Corporate Office & Laboratory
 1241 Bellevue Street, Suite 9 • Green Bay, WI 54302
 920-469-2436 • FAX: 920-469-8827 • 800-7-ENCHEM
 www.enchem.com

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Client: TERRACON ENVIRONMENTAL

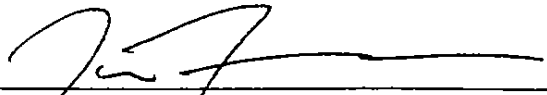
MDH LAB ID : 055-999-334

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
830582-001	PSB-TP-1 (3-4')	1/13/03			
830582-002	PSB-TP-2 (6')	1/13/03			
830582-003	MS-TP-2	1/13/03			
830582-004	MS-TP-1 (5')	1/13/03			

Please visit our Internet homepage at: www.enchem.com

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.


 Approval Signature

3/6/03
 Date

En Chem, Inc. Cooler Receipt Log

Batch No. 830582

Project Name or ID 41027052

No. of Coolers: 1 Temps: 2.0°C

A. Receipt Phase: Date cooler was opened: 1/16/03 By: KOP

- 1: Were samples received on ice? (Must be ≤ 6 C)..... YES NO²
- 2: Was there a Temperature Blank?..... YES NO
- 3: Were custody seals present and intact? (Record on COC)..... YES NO
- 4: Are COC documents present?..... YES NO²
- 5: Does this Project require quick turn around analysis?..... YES NO
- 6: Is there any sub-work?..... YES NO
- 7: Are there any short hold time tests?..... YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days)..... YES¹ NO Contacted by/Who _____
- 9: Do any samples need to be Filtered or Preserved in the lab?..... YES¹ NO Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-in: 1/16/03 By: KOP

- 1: Were all sample containers listed on the COC received and intact?..... YES NO² NA
- 2: Sign the COC as received by En Chem. Completed..... YES NO
- 3: Do sample labels match the COC? YES NO²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES NO NA
- 5: Do samples have correct chemical preservation?..... YES NO² NA
- 6: Are dissolved parameters field filtered?..... YES NO² NA
- 7: Are sample volumes adequate for tests requested? YES NO²
- 8: Are VOC samples free of bubbles >6mm YES NO² NA
- 9: Enter samples into logbook. Completed..... YES NO
- 10: Place laboratory sample number on all containers and COC. Completed..... YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed..... YES NO NA
- 14: Check laboratory sample number on all containers and COC. 1/16/03 YES NO NA

Short Hold-time tests:

48 Hours or less Coliform (6 hrs) Hexavalent Chromium (24 Hrs) BOD Nitrite or Nitrate Low Level Mercury Ortho Phosphorus Turbidity Surfactants Sulfite En Core Preservation Color	7 days Flashpoint TSS Total Solids TDS Sulfide Free Liquids Total Volatile Solids Aqueous Extractable Organics- ALL Unpreserved VOC's Ash	Footnotes 1 Notify proper lab group immediately. 2 Complete nonconformance memo.
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Rev. 9/5/2001, Attachment to 1-REC-5.
 Subject to QA Audit.

Reviewed by/date EB 1/20/03

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

Lab#:	TestGroupID:	Comment:
830582-003 MS-TP-2	DRO-S	A dry weight sample was not submitted therefore results are reported as wet weight.

En Chem Inc.

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Green Bay, WI 54302
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Fax: 920-469-8827

Lab Sample Number	Test Group Name	MDH LAB ID
830582-001	PCB LIST - SOIL	055-999-107
830582-001	PCB-BLANK	055-999-107
830582-001	NITROGEN, NITRATE, SOLUBLE	055-999-107
830582-001	SULFATE, SOLUBLE	055-999-107
830582-002	NITROGEN, NITRATE, SOLUBLE	055-999-107
830582-002	SULFATE, SOLUBLE	055-999-107

Organic Data Qualifiers

- B Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- C Elevated detection limit.
- D Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
- E Analyte concentration exceeds calibration range.
- F Surrogate results outside control criteria.
- H Extraction or analysis performed past holding time.
- J Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
- K Detection limit may be elevated due to the presence of an unrequested analyte.
- N Spiked sample recovery not within control limits.
- P The relative percent difference between the two columns for detected concentrations was greater than 40%.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- S The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
- U The analyte was not detected above the reporting limit.
- W Sample received with headspace.
- X See Sample Narrative.
- & Laboratory Control Spike recovery not within control limits.
- * Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.

Inorganic Data Qualifiers

- A Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
- B The analyte has been detected between the method detection limit and the reporting limit.
- C Elevated detection limit due to matrix effects.
- E Estimated concentration due to matrix interferences. During the metals analysis using the inductively coupled plasma (ICP), the serial dilution failed to meet the established control limits of 0-10% and the sample concentration is greater than 50 times the IDL (100 times the IDL for analysis done on the ICP-MS). The result was flagged with the E qualifier to indicate that a physical interference was observed.
- F Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
- H Preservation or analysis performed past holding time.
- K Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
- L Elevated detection limit due to low sample volume.
- N Spiked sample recovery not within control limits.
- Q The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
- U The analyte was not detected above the reporting limit.
- X See sample narrative.
- & Laboratory Control Spike recovery not within control limits.
- * Duplicate analyses not within control limits.
- SUB1 Assay was subcontracted to an approved lab.
- SUB2 Assay was subcontracted to En Chem Green Bay WI Cert. #405132750.
- 1 Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
- 2 Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
- 3 BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
- 4 BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 5 BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 6 BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
- 7 BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Field ID : PSB-TP-1 (3-4')

Lab Sample Number : 830582-001

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/13/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	5.6	1.5	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Barium	420	0.76	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Cadmium	0.73	0.15	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Chromium	23	0.46	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Lead	13	0.76	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Mercury	0.22	0.015	mg/Kg		1/22/03	SW846 7471A	SW846 7471A
Selenium	1.6	1.5	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Silver	< 0.76	0.76	mg/Kg		2/1/03	SW846 3050B	SW846 6020
pH, Laboratory	7.1		su	H	1/17/03	SW846 9045A	SW846 9045A
Solids, percent	66.1		%		1/16/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 3.8	3.8	mg/Kg		2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	70	61	mg/Kg		1/20/03	SM 2540G M	SM 2540G M

Organic Results

Preservation Date: 1/16/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/17/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 5.8	5.8	mg/kg		1/17/03	Wi MOD DRO
Blank spike	88	—	%Recov		1/17/03	Wi MOD DRO
Blank spike duplicate	89	—	%Recov		1/17/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/17/03	Wi MOD DRO

Organic Results

MDH 466 VOLATILES - SOIL/METHANOL

Prep Method: 5030B/5035

Prep Date: 1/17/03

Analyst: TLT

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
Acetone	< 380	380	ug/kg		1/17/03	SW846 8260B
Allyl Chloride	< 38	38	ug/kg		1/17/03	SW846 8260B
Benzene	< 38	38	ug/kg		1/17/03	SW846 8260B
Bromochloromethane	< 38	38	ug/kg		1/17/03	SW846 8260B
Bromodichloromethane	< 38	38	ug/kg		1/17/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Field ID : PSB-TP-1 (3-4')

Lab Sample Number : 830582-001

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/13/03

Matrix Type : SOIL

Bromoform	< 38	38	ug/kg	1/17/03	SW846 8260B
Bromobenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
Bromomethane	< 38	38	ug/kg	1/17/03	SW846 8260B
2-Butanone	< 380	380	ug/kg	1/17/03	SW846 8260B
s-Butylbenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
t-Butylbenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
n-Butylbenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
Carbon tetrachloride	< 38	38	ug/kg	1/17/03	SW846 8260B
Chloroform	< 38	38	ug/kg	1/17/03	SW846 8260B
Chlorobenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
Chlorodibromomethane	< 38	38	ug/kg	1/17/03	SW846 8260B
Chloroethane	< 38	38	ug/kg	1/17/03	SW846 8260B
Chloromethane	< 38	38	ug/kg	1/17/03	SW846 8260B
2-Chlorotoluene	< 38	38	ug/kg	1/17/03	SW846 8260B
4-Chlorotoluene	< 38	38	ug/kg	1/17/03	SW846 8260B
1,2-Dibromo-3-chloropropane	< 76	76	ug/kg	1/17/03	SW846 8260B
1,2-Dibromoethane	< 38	38	ug/kg	1/17/03	SW846 8260B
Dibromomethane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,3-Dichlorobenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
1,4-Dichlorobenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
1,2-Dichloroethane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,2-Dichlorobenzene	< 38	38	ug/kg	1/17/03	SW846 8260B
1,1-Dichloroethene	< 38	38	ug/kg	1/17/03	SW846 8260B
cis-1,2-Dichloroethene	< 38	38	ug/kg	1/17/03	SW846 8260B
Dichlorodifluoromethane	< 38	38	ug/kg	1/17/03	SW846 8260B
trans-1,2-Dichloroethene	< 38	38	ug/kg	1/17/03	SW846 8260B
Dichlorofluoromethane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,2-Dichloropropane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,1-Dichloroethane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,3-Dichloropropane	< 38	38	ug/kg	1/17/03	SW846 8260B
2,2-Dichloropropane	< 38	38	ug/kg	1/17/03	SW846 8260B
1,1-Dichloropropene	< 38	38	ug/kg	1/17/03	SW846 8260B
cis-1,3-Dichloropropene	< 38	38	ug/kg	1/17/03	SW846 8260B
trans-1,3-Dichloropropene	< 38	38	ug/kg	1/17/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Client : TERRACON ENVIRONMENTAL

Field ID : PSB-TP-1 (3-4')

Report Date : 2/13/03

Lab Sample Number : 830582-001

Collection Date : 1/13/03

MDH LAB ID : 055-999-334

Matrix Type : SOIL

Ethylbenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
Diethyl ether	< 38	38	ug/kg		1/17/03	SW846 8260B
Fluorotrichloromethane	< 38	38	ug/kg		1/17/03	SW846 8260B
Hexachlorobutadiene	< 38	38	ug/kg		1/17/03	SW846 8260B
Isopropylbenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
p-Isopropyltoluene	< 38	38	ug/kg		1/17/03	SW846 8260B
Methylene chloride	< 38	38	ug/kg		1/17/03	SW846 8260B
4-Methyl-2-pentanone	< 380	380	ug/kg		1/17/03	SW846 8260B
Methyl-tert-butyl-ether	< 38	38	ug/kg		1/17/03	SW846 8260B
Naphthalene	< 38	38	ug/kg		1/17/03	SW846 8260B
n-Propylbenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
Styrene	< 38	38	ug/kg	&	1/17/03	SW846 8260B
1,1,2,2-Tetrachloroethane	< 38	38	ug/kg		1/17/03	SW846 8260B
1,1,1,2-Tetrachloroethane	< 38	38	ug/kg		1/17/03	SW846 8260B
Tetrachloroethene	< 38	38	ug/kg		1/17/03	SW846 8260B
Toluene	< 38	38	ug/kg		1/17/03	SW846 8260B
1,2,3-Trichlorobenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
1,2,4-Trichlorobenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
1,1,1-Trichloroethane	< 38	38	ug/kg		1/17/03	SW846 8260B
1,1,2-Trichloroethane	< 38	38	ug/kg		1/17/03	SW846 8260B
1,1,2-Trichlorotrifluoroethane	< 38	38	ug/kg		1/17/03	SW846 8260B
1,2,4-Trimethylbenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
Trichloroethene	< 38	38	ug/kg		1/17/03	SW846 8260B
1,2,3-Trichloropropane	< 38	38	ug/kg		1/17/03	SW846 8260B
Tetrahydrofuran	< 380	380	ug/kg		1/17/03	SW846 8260B
1,3,5-Trimethylbenzene	< 38	38	ug/kg		1/17/03	SW846 8260B
Vinyl chloride	< 38	38	ug/kg		1/17/03	SW846 8260B
Xylenes, -m, -p	< 38	38	ug/kg		1/17/03	SW846 8260B
Xylene, -o	< 38	38	ug/kg		1/17/03	SW846 8260B
4-Bromofluorobenzene	104	—	%Recov		1/17/03	SW846 8260B
Dibromofluoromethane	89	—	%Recov		1/17/03	SW846 8260B
Toluene-d8	102	—	%Recov		1/17/03	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Field ID : PSB-TP-1 (3-4')

Lab Sample Number : 830582-001

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/13/03

Matrix Type : SOIL

Di-n-butylphthalate	< 500	500	ug/kg		1/23/03	SW846 8270C
Di-n-octylphthalate	< 500	500	ug/kg		1/23/03	SW846 8270C
bis(2-Ethylhexyl)phthalate	< 500	500	ug/kg		1/23/03	SW846 8270C
Fluoranthene	< 500	500	ug/kg		1/23/03	SW846 8270C
Fluorene	< 500	500	ug/kg		1/23/03	SW846 8270C
Hexachlorobenzene	< 1000	1000	ug/kg		1/23/03	SW846 8270C
Hexachlorobutadiene	< 500	500	ug/kg		1/23/03	SW846 8270C
Hexachlorocyclopentadiene	< 1000	1000	ug/kg	&	1/23/03	SW846 8270C
Hexachloroethane	< 500	500	ug/kg		1/23/03	SW846 8270C
Isophorone	< 500	500	ug/kg	&	1/23/03	SW846 8270C
2-Methylnaphthalene	< 500	500	ug/kg		1/23/03	SW846 8270C
2-Methylphenol	< 500	500	ug/kg		1/23/03	SW846 8270C
4-Methylphenol	< 500	500	ug/kg		1/23/03	SW846 8270C
Naphthalene	< 500	500	ug/kg		1/23/03	SW846 8270C
3-Nitroaniline	< 1300	1300	ug/kg		1/23/03	SW846 8270C
4-Nitroaniline	< 1300	1300	ug/kg		1/23/03	SW846 8270C
2-Nitroaniline	< 500	500	ug/kg		1/23/03	SW846 8270C
Nitrobenzene	< 500	500	ug/kg		1/23/03	SW846 8270C
4-Nitrophenol	< 1300	1300	ug/kg		1/23/03	SW846 8270C
2-Nitrophenol	< 500	500	ug/kg		1/23/03	SW846 8270C
N-Nitroso-di-n-propylamine	< 500	500	ug/kg		1/23/03	SW846 8270C
N-Nitrosodiphenylamine	< 500	500	ug/kg		1/23/03	SW846 8270C
2,2'-oxybis(1-Chloropropane)	< 500	500	ug/kg		1/23/03	SW846 8270C
Pentachlorophenol	< 1300	1300	ug/kg		1/23/03	SW846 8270C
Phenanthrene	< 500	500	ug/kg		1/23/03	SW846 8270C
Phenol	< 500	500	ug/kg		1/23/03	SW846 8270C
Pyrene	< 500	500	ug/kg		1/23/03	SW846 8270C
1,2,4-Trichlorobenzene	< 500	500	ug/kg		1/23/03	SW846 8270C
2,4,5-Trichlorophenol	< 1300	1300	ug/kg		1/23/03	SW846 8270C
2,4,6-Trichlorophenol	< 500	500	ug/kg		1/23/03	SW846 8270C

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Field ID : PSB-TP-1 (3-4')

Lab Sample Number : 830582-001

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/13/03

Matrix Type : SOIL

Organic Results

TCL SEMIVOLATILE-BLANK

Prep Method: SW846 3445

Prep Date: 1/23/03

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
BLANK	1144-31					SW846 8270C

Organic Results

VOC-BLK

Prep Method:

Prep Date:

Analyst:

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
VOC-BLK	1146-71					

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W

Project Number : 41027052

Field ID : PSB-TP-2 (6')

Lab Sample Number : 830582-002

MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL

Report Date : 2/13/03

Collection Date : 1/13/03

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	3.3	1.1	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Barium	99	0.57	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Cadmium	0.17	0.11	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Chromium	12	0.34	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Lead	6.2	0.57	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Mercury	0.11	0.012	mg/Kg		1/22/03	SW846 7471A	SW846 7471A
Selenium	< 1.1	1.1	mg/Kg		2/1/03	SW846 3050B	SW846 6020
Silver	< 0.57	0.57	mg/Kg		2/1/03	SW846 3050B	SW846 6020
pH, Laboratory	8.1		su	H	1/17/03	SW846 9045A	SW846 9045A
Solids, percent	86.7		%		1/16/03	SM 2540G M	SM 2540G M
Nitrogen, nitrate	< 2.9	2.9	mg/Kg		2/11/03	EPA 353.2	EPA 353.2
Sulfate, soluble	50	46	mg/Kg		1/20/03	SW846 9200	SW846 9200

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : 60W
 Project Number : 41027052
 Field ID : MS-TP-2
 Lab Sample Number : 830582-003
 MDH LAB ID : 055-999-334

Client : TERRACON ENVIRONMENTAL
 Report Date : 2/13/03
 Collection Date : 1/13/03
 Matrix Type : SOIL

Organic Results

Preservation Date: 1/16/03

DIESEL RANGE ORGANICS - SOIL

Prep Method: Wi MOD DRO

Prep Date: 1/17/03

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
DIESEL RANGE ORGANICS	< 3.7	3.7	mg/kg		1/17/03	Wi MOD DRO
Blank spike	88	--	%Recov		1/17/03	Wi MOD DRO
Blank spike duplicate	89	--	%Recov		1/17/03	Wi MOD DRO
Blank	< 5.0	5.0	mg/kg		1/17/03	Wi MOD DRO

All soil results are reported on a dry weight basis unless otherwise noted.

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BLK1144-31

Lab Name: EN CHEM, INC.-GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 830582
Matrix: (soil/water) SOIL Lab Sample ID: BLK1144-31

Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01230305

Level: (low/med) LOW Date Received: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 01/23/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/23/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	59	U
132-64-9	Dibenzofuran	143	U
100-02-7	4-Nitrophenol	107	U
121-14-2	2,4-Dinitrotoluene	138	U
84-66-2	Diethylphthalate	142	U
86-73-7	Fluorene	148	U
7005-72-3	4-Chlorophenyl phenyl ether	140	U
100-01-6	4-Nitroaniline	160	U
534-52-1	4,6-Dinitro-2-methylphenol	113	U
86-30-6	N-Nitrosodiphenylamine (1)	179	U
101-55-3	4-Bromophenyl phenyl ether	145	U
118-74-1	Hexachlorobenzene	156	U
87-86-5	Pentachlorophenol	125	U
85-01-8	Phenanthrene	153	U
120-12-7	Anthracene	165	U
86-74-8	Carbazole	135	U
84-74-2	di-n-Butylphthalate	139	U
206-44-0	Fluoranthene	130	U
129-00-0	Pyrene	137	U
85-68-7	Butylbenzylphthalate	121	U
56-55-3	Benzo(a)anthracene	110	U
91-94-1	3,3'-Dichlorobenzidine	211	U
218-01-9	Chrysene	110	U
117-81-7	bis(2-Ethylhexyl)phthalate	157	U
117-84-0	di-n-Octylphthalate	134	U
205-99-2	Benzo(b)fluoranthene	143	U
207-08-9	Benzo(k)fluoranthene	115	U
50-32-8	Benzo(a)pyrene	52	U
193-39-5	Indeno(1,2,3-cd)pyrene	203	U
53-70-3	Dibenzo(a,h)anthracene	58	U
191-24-2	Benzo(g,h,i)perylene	138	U

(1) - Cannot be separated from Diphenylamine

FORM I SV

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Phenol	2500.00	0.00	2212.52	88	64-119
bis(2-Chloroethyl) ether	2500.00	0.00	2000.37	80	59-116
2-Chlorophenol	2500.00	0.00	2087.81	84	63-115
1,3-Dichlorobenzene	2500.00	0.00	1918.82	77	60-110
1,4-Dichlorobenzene	2500.00	0.00	1959.18	78	60-111
1,2-Dichlorobenzene	2500.00	0.00	1999.41	80	62-113
2-Methylphenol	2500.00	0.00	2308.57	92	57-123
2,2-oxybis(1-Chloroprop	2500.00	0.00	2093.43	84	58-125
4-Methylphenol	2500.00	0.00	2324.00	93	62-122
Hexachloroethane	2500.00	0.00	1916.74	77	59-118
N-Nitroso-di-n-prop. (1)	2500.00	0.00	2191.60	88	64-120
Nitrobenzene	2500.00	0.00	2128.61	85	62-123
Isophorone	2500.00	0.00	606.47	24*	57-117
2-Nitrophenol	2500.00	0.00	2246.77	90	68-118
2,4-Dimethylphenol	2500.00	0.00	2346.03	94	49-119
bis(2-Chloroethoxy) meth	2500.00	0.00	2223.06	89	68-116
2,4-Dichlorophenol	2500.00	0.00	2308.03	92	72-120
1,2,4-Trichlorobenzene	2500.00	0.00	2100.20	84	67-115
Naphthalene	2500.00	0.00	2206.33	88	68-119
4-Chloroaniline	2500.00	0.00	773.08	31*	38-101
Hexachlorobutadiene	2500.00	0.00	2042.73	82	62-118
4-Chloro-3-methylphenol	2500.00	0.00	2373.46	95	72-128
2-Methylnaphthalene	2500.00	0.00	2228.74	89	67-116
Hexachlorocyclopentadie	2500.00	0.00	278.13	11*	44-114
2,4,6-Trichlorophenol	2500.00	0.00	2377.43	95	68-119
2,4,5-Trichlorophenol	2500.00	0.00	2368.84	95	64-134
2-Chloronaphthalene	2500.00	0.00	2292.14	92	76-119
2-Nitroaniline	2500.00	0.00	2503.99	100	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	2350.35	94	64-126
Acenaphthylene	2500.00	0.00	2201.88	88	71-116
2,6-Dinitrotoluene	2500.00	0.00	2403.69	96	70-128
3-Nitroaniline	2500.00	0.00	1586.33	63	55-107
Acenaphthene	2500.00	0.00	2222.95	89	66-121
2,4-Dinitrophenol	2500.00	0.00	2338.88	94	42-131
Dibenzofuran	2500.00	0.00	2243.32	90	71-119
4-Nitrophenol	2500.00	0.00	2471.16	99	53-121
2,4-Dinitrotoluene	2500.00	0.00	1251.72	50	44-156
Diethylphthalate	2500.00	0.00	2423.94	97	68-129
Fluorene	2500.00	0.00	2390.78	96	64-127
4-Chlorophenyl phenyl e	2500.00	0.00	2319.15	93	72-121
4-Nitroaniline	2500.00	0.00	2111.70	84	58-147
4,6-Dinitro-2-methylphe	2500.00	0.00	2558.39	102	56-133
N-Nitrosodiphenylamine	2500.00	0.00	2648.36	106	64-127
4-Bromophenyl phenyl et	2500.00	0.00	2505.17	100	67-122
Hexachlorobenzene	2500.00	0.00	2330.25	93	65-121
Pentachlorophenol	2500.00	0.00	2366.86	95	57-127
Phenanthrene	2500.00	0.00	2353.35	94	70-120
Anthracene	2500.00	0.00	2253.68	90	68-115
Carbazole	2500.00	0.00	2410.19	96	77-128
di-n-Butylphthalate	2500.00	0.00	2391.91	96	67-134
Fluoranthene	2500.00	0.00	2321.11	93	71-123
Pyrene	2500.00	0.00	2220.24	89	66-129
Butylbenzylphthalate	2500.00	0.00	2277.25	91	70-123
Benzo(a)anthracene	2500.00	0.00	2380.42	95	68-128
3,3'-Dichlorobenzidine	2500.00	0.00	1190.38	48*	50-114
Chrysene	2500.00	0.00	2393.19	96	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BLANK CONCENTRATION (ppb)	BS CONCENTRATION (ppb)	BS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal	2500.00	0.00	2395.46	96	60-141
di-n-Octylphthalate	2500.00	0.00	2391.53	96	63-142
Benzo (b) fluoranthene	2500.00	0.00	2543.29	102	65-133
Benzo (k) fluoranthene	2500.00	0.00	2206.60	88	66-128
Benzo (a) pyrene	2500.00	0.00	2071.02	83	64-125
Indeno (1,2,3-cd) pyrene	2500.00	0.00	2455.93	98	66-136
Dibenzo (a,h) anthracene	2500.00	0.00	1828.61	73	54-117
Benzo (g,h,i) perylene	2500.00	0.00	2494.06	100	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	2160.12	86	2	21	64-119
bis(2-Chloroethyl) ether	2500.00	2045.34	82	2	20	59-116
2-Chlorophenol	2500.00	2101.91	84	1	15	63-115
1,3-Dichlorobenzene	2500.00	1972.08	79	3	16	60-110
1,4-Dichlorobenzene	2500.00	1985.91	79	1	16	60-111
1,2-Dichlorobenzene	2500.00	2093.55	84	5	16	62-113
2-Methylphenol	2500.00	2298.01	92	0	18	57-123
2,2-oxybis(1-Chloroprop	2500.00	2097.69	84	0	16	58-125
4-Methylphenol	2500.00	2276.11	91	2	36	62-122
Hexachloroethane	2500.00	1965.55	79	2	18	59-118
N-Nitroso-di-n-prop. (1)	2500.00	2224.46	89	1	25	64-120
Nitrobenzene	2500.00	2234.32	89	5	20	62-123
Isophorone	2500.00	610.42	24*	1	17	57-117
2-Nitrophenol	2500.00	2307.76	92	3	15	68-118
2,4-Dimethylphenol	2500.00	2324.89	93	1	14	49-119
bis(2-Chloroethoxy) meth	2500.00	2224.25	89	0	26	68-116
2,4-Dichlorophenol	2500.00	2301.97	92	0	14	72-120
1,2,4-Trichlorobenzene	2500.00	2192.96	88	4	15	67-115
Naphthalene	2500.00	2252.10	90	2	17	68-119
4-Chloroaniline	2500.00	857.23	34*	10	20	38-101
Hexachlorobutadiene	2500.00	2135.88	85	4	26	62-118
4-Chloro-3-methylphenol	2500.00	2305.75	92	3	17	72-128
2-Methylnaphthalene	2500.00	2262.91	90	2	15	67-116
Hexachlorocyclopentadie	2500.00	289.32	12*	4	18	44-114
2,4,6-Trichlorophenol	2500.00	2379.73	95	0	16	68-119
2,4,5-Trichlorophenol	2500.00	2688.02	108	13	18	64-134
2-Chloronaphthalene	2500.00	2286.78	91	0	16	76-119
2-Nitroaniline	2500.00	2479.74	99	1	18	64-122

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	2445.59	98	4	18	64-126
Acenaphthylene	2500.00	2245.31	90	2	23	71-116
2,6-Dinitrotoluene	2500.00	2489.32	100	4	18	70-128
3-Nitroaniline	2500.00	1821.03	73	14	19	55-107
Acenaphthene	2500.00	2361.83	94	6	24	66-121
2,4-Dinitrophenol	2500.00	2411.37	96	3	17	42-131
Dibenzofuran	2500.00	2399.47	96	7	26	71-119
4-Nitrophenol	2500.00	2712.86	108	9	26	53-121
2,4-Dinitrotoluene	2500.00	1322.49	53	5	17	44-156
Diethylphthalate	2500.00	2492.44	100	3	20	68-129
Fluorene	2500.00	2443.72	98	2	28	64-127
4-Chlorophenyl phenyl e	2500.00	2472.71	99	6	38	72-121
4-Nitroaniline	2500.00	2412.03	96	13	27	58-147
4,6-Dinitro-2-methylphe	2500.00	2591.47	104	1	17	56-133
N-Nitrosodiphenylamine	2500.00	2564.25	102	3	19	64-127
4-Bromophenyl phenyl et	2500.00	2438.36	98	3	17	67-122
Hexachlorobenzene	2500.00	2446.17	98	5	26	65-121
Pentachlorophenol	2500.00	2589.89	104	9	20	57-127
Phenanthrene	2500.00	2480.26	99	5	18	70-120
Anthracene	2500.00	2271.87	91	1	24	68-115
Carbazole	2500.00	2519.37	101	4	22	77-128
di-n-Butylphthalate	2500.00	2517.29	101	5	20	67-134
Fluoranthene	2500.00	2492.63	100	7	23	71-123
Pyrene	2500.00	2275.77	91	2	23	66-129
Butylbenzylphthalate	2500.00	2246.23	90	1	23	70-123
Benzo(a)anthracene	2500.00	2367.23	95	0	24	68-128
3,3'-Dichlorobenzidine	2500.00	1255.10	50	5	140	50-114
Chrysene	2500.00	2306.14	92	4	22	68-117

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: BLK1144-31 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	BSD CONCENTRATION (ppb)	BSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis (2-Ethylhexyl) phthal di-n-Octylphthalate	2500.00	2318.26	93	3	23	60-141
Benzo (b) fluoranthene	2500.00	2487.93	100	4	23	63-142
Benzo (k) fluoranthene	2500.00	2455.63	98	4	21	65-133
Benzo (a) pyrene	2500.00	2333.02	93	6	22	66-128
Indeno (1,2,3-cd) pyrene	2500.00	2021.04	81	2	22	64-125
Dibenzo (a,h) anthracene	2500.00	2355.60	94	4	24	66-136
Benzo (g,h,i) perylene	2500.00	2180.28	87	18	25	54-117
		2281.34	91	9	25	59-130

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 7 out of 128 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level: (low/med) LOW

Bald QC

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
Phenol	2500.00	0.00	2242.58	90	43-117
bis (2-Chloroethyl) ether	2500.00	0.00	2007.97	80	53-112
2-Chlorophenol	2500.00	0.00	2120.14	85	46-109
1,3-Dichlorobenzene	2500.00	0.00	1933.89	77	44-103
1,4-Dichlorobenzene	2500.00	0.00	1969.14	79	45-103
1,2-Dichlorobenzene	2500.00	0.00	1995.18	80	49-104
2-Methylphenol	2500.00	0.00	2287.03	91	40-120
2,2-oxybis (1-Chloroprop	2500.00	0.00	2123.25	85	41-120
4-Methylphenol	2500.00	0.00	2277.96	91	44-117
Hexachloroethane	2500.00	0.00	1935.26	77	45-107
N-Nitroso-di-n-prop. (1)	2500.00	0.00	2137.08	85	69-137
Nitrobenzene	2500.00	0.00	2105.73	84	44-117
Isophorone	2500.00	0.00	595.24	24*	44-125
2-Nitrophenol	2500.00	0.00	2240.19	90	45-119
2,4-Dimethylphenol	2500.00	0.00	2446.30	98	45-126
bis (2-Chloroethoxy) meth	2500.00	0.00	2199.37	88	60-113
2,4-Dichlorophenol	2500.00	0.00	2355.11	94	48-116
1,2,4-Trichlorobenzene	2500.00	0.00	2150.05	86	49-109
Naphthalene	2500.00	0.00	2207.79	88	50-114
4-Chloroaniline	2500.00	0.00	610.65	24*	35-107
Hexachlorobutadiene	2500.00	0.00	2106.22	84	50-110
4-Chloro-3-methylphenol	2500.00	0.00	2360.52	94	43-127
2-Methylnaphthalene	2500.00	0.00	2212.56	88	53-110
Hexachlorocyclopentadie	2500.00	0.00	327.51	13*	39-136
2,4,6-Trichlorophenol	2500.00	0.00	2342.30	94	42-115
2,4,5-Trichlorophenol	2500.00	0.00	2606.20	104	45-123
2-Chloronaphthalene	2500.00	0.00	2293.79	92	57-113
2-Nitroaniline	2500.00	0.00	2423.01	97	49-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
Dimethylphthalate	2500.00	0.00	2314.63	92	55-114
Acenaphthylene	2500.00	0.00	2194.42	88	54-110
2,6-Dinitrotoluene	2500.00	0.00	2361.47	94	54-121
3-Nitroaniline	2500.00	0.00	1537.48	61	41-107
Acenaphthene	2500.00	0.00	2251.10	90	56-110
2,4-Dinitrophenol	2500.00	0.00	2379.83	95	23-127
Dibenzofuran	2500.00	0.00	2272.29	91	54-114
4-Nitrophenol	2500.00	0.00	2081.32	83	36-132
2,4-Dinitrotoluene	2500.00	0.00	1248.42	50	24-145
Diethylphthalate	2500.00	0.00	2441.60	98	54-120
Fluorene	2500.00	0.00	2367.68	95	55-118
4-Chlorophenyl phenyl e	2500.00	0.00	2353.08	94	55-116
4-Nitroaniline	2500.00	0.00	2109.30	84	43-168
4,6-Dinitro-2-methylphe	2500.00	0.00	2421.75	97	45-130
N-Nitrosodiphenylamine	2500.00	0.00	2453.02	98	43-124
4-Bromophenyl phenyl et	2500.00	0.00	2335.39	93	54-113
Hexachlorobenzene	2500.00	0.00	2280.90	91	53-112
Pentachlorophenol	2500.00	0.00	2253.20	90	38-125
Phenanthrene	2500.00	0.00	2286.41	91	54-115
Anthracene	2500.00	0.00	2141.25	86	52-110
Carbazole	2500.00	0.00	2290.38	92	65-131
di-n-Butylphthalate	2500.00	0.00	2288.83	92	66-127
Fluoranthene	2500.00	0.00	2233.07	89	46-129
Pyrene	2500.00	0.00	2202.78	88	46-118
Butylbenzylphthalate	2500.00	0.00	2200.49	88	63-127
Benzo(a)anthracene	2500.00	0.00	2263.09	90	54-118
3,3'-Dichlorobenzidine	2500.00	0.00	918.67	37*	40-130
Chrysene	2500.00	0.00	2300.34	92	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	SAMPLE CONCENTRATION (ppb)	MS CONCENTRATION (ppb)	MS % REC #	QC. LIMITS REC.
bis (2-Ethylhexyl) phthal di-n-Octylphthalate	2500.00	0.00	2251.20	90	64-135
Benzo (b) fluoranthene	2500.00	0.00	2378.63	95	63-148
Benzo (k) fluoranthene	2500.00	0.00	2450.93	98	46-135
Benzo (a) pyrene	2500.00	0.00	2179.29	87	60-126
Indeno (1, 2, 3-cd) pyrene	2500.00	0.00	2036.87	81	48-122
Dibenzo (a, h) anthracene	2500.00	0.00	2151.59	86	45-141
Benzo (g, h, i) perylene	2500.00	0.00	2950.24	118	43-121
			2194.11	88	40-132

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	2500.00	2068.32	83	8	24	43-117
bis(2-Chloroethyl) ether	2500.00	1808.03	72	10	36	53-112
2-Chlorophenol	2500.00	1969.44	79	7	27	46-109
1,3-Dichlorobenzene	2500.00	1658.13	66	15	35	44-103
1,4-Dichlorobenzene	2500.00	1742.22	70	12	35	45-103
1,2-Dichlorobenzene	2500.00	1787.55	72	11	33	49-104
2-Methylphenol	2500.00	2155.20	86	6	34	40-120
2,2-oxybis(1-Chloroprop	2500.00	1910.84	76	10	32	41-120
4-Methylphenol	2500.00	2181.43	87	4	31	44-117
Hexachloroethane	2500.00	1665.67	67	15	27	45-107
N-Nitroso-di-n-prop. (1)	2500.00	1985.87	79	7	32	69-137
Nitrobenzene	2500.00	1978.58	79	6	22	44-117
Isophorone	2500.00	573.04	23*	4	25	44-125
2-Nitrophenol	2500.00	2132.96	85	5	33	45-119
2,4-Dimethylphenol	2500.00	2302.31	92	6	38	45-126
bis(2-Chloroethoxy) meth	2500.00	2119.12	85	4	32	60-113
2,4-Dichlorophenol	2500.00	2276.67	91	3	29	48-116
1,2,4-Trichlorobenzene	2500.00	1985.06	79	8	35	49-109
Naphthalene	2500.00	2053.97	82	7	21	50-114
4-Chloroaniline	2500.00	600.63	24*	2	26	35-107
Hexachlorobutadiene	2500.00	1933.00	77	8	27	50-110
4-Chloro-3-methylphenol	2500.00	2288.23	92	3	31	43-127
2-Methylnaphthalene	2500.00	2107.54	84	5	25	53-110
Hexachlorocyclopentadie	2500.00	263.42	10*	22	28	39-136
2,4,6-Trichlorophenol	2500.00	2241.54	90	4	30	42-115
2,4,5-Trichlorophenol	2500.00	2548.31	102	2	32	45-123
2-Chloronaphthalene	2500.00	2174.01	87	5	24	57-113
2-Nitroaniline	2500.00	2328.41	93	4	30	49-120

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Dimethylphthalate	2500.00	2269.83	91	2	32	55-114
Acenaphthylene	2500.00	2068.48	83	6	28	54-110
2,6-Dinitrotoluene	2500.00	2293.06	92	3	29	54-121
3-Nitroaniline	2500.00	1451.98	58	6	31	41-107
Acenaphthene	2500.00	2219.44	89	1	31	56-110
2,4-Dinitrophenol	2500.00	2386.45	95	0	28	23-127
Dibenzofuran	2500.00	2193.07	88	4	32	54-114
4-Nitrophenol	2500.00	1686.63	67	21	29	36-132
2,4-Dinitrotoluene	2500.00	1226.50	49	2	28	24-145
Diethylphthalate	2500.00	2348.76	94	4	32	54-120
Fluorene	2500.00	2315.16	93	2	30	55-118
4-Chlorophenyl phenyl e	2500.00	2336.29	93	1	37	55-116
4-Nitroaniline	2500.00	2048.90	82	3	27	43-168
4,6-Dinitro-2-methylphe	2500.00	2425.54	97	0	32	45-130
N-Nitrosodiphenylamine	2500.00	2447.64	98	0	26	43-124
4-Bromophenyl phenyl et	2500.00	2336.95	93	0	35	54-113
Hexachlorobenzene	2500.00	2297.57	92	1	32	53-112
Pentachlorophenol	2500.00	2209.40	88	2	28	38-125
Phenanthrene	2500.00	2312.98	92	1	25	54-115
Anthracene	2500.00	2073.94	83	3	31	52-110
Carbazole	2500.00	2231.56	89	3	36	65-131
di-n-Butylphthalate	2500.00	2227.10	89	3	29	66-127
Fluoranthene	2500.00	2190.06	88	2	34	46-129
Pyrene	2500.00	2218.76	89	1	21	46-118
Butylbenzylphthalate	2500.00	2195.41	88	0	34	63-127
Benzo(a)anthracene	2500.00	2262.14	90	0	31	54-118
3,3'-Dichlorobenzidine	2500.00	970.65	39*	6	35	40-130
Chrysene	2500.00	2256.84	90	2	28	63-113

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EN CHEM, INC. -GREEN BAY Contract:

Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: 012303.B

Matrix Spike - Sample No.: 830710-001 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ppb)	MSD CONCENTRATION (ppb)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
bis(2-Ethylhexyl)phthal	2500.00	2246.42	90	0	32	64-135
di-n-Octylphthalate	2500.00	2299.00	92	3	37	63-148
Benzo(b)fluoranthene	2500.00	2295.58	92	6	30	46-135
Benzo(k)fluoranthene	2500.00	2140.78	86	2	27	60-126
Benzo(a)pyrene	2500.00	1963.69	78	4	31	48-122
Indeno(1,2,3-cd)pyrene	2500.00	2281.49	91	6	33	45-141
Dibenzo(a,h)anthracene	2500.00	2114.53	84	33	35	43-121
Benzo(g,h,i)perylene	2500.00	2311.63	92	5	33	40-132

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 64 outside limits
Spike Recovery: 8 out of 128 outside limits

COMMENTS: _____

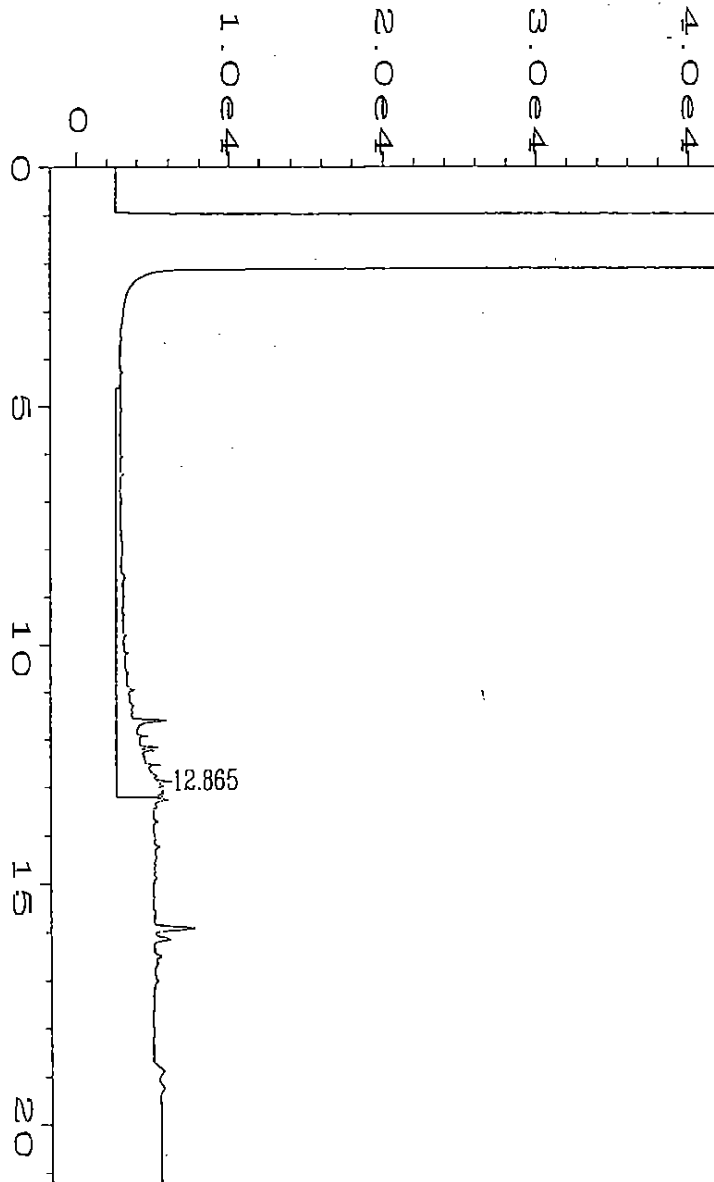
Surrogate - GC VOA	Aqueous		Low Level Solids		Methanol Solids	
	LCL	UCL	LCL	UCL	LCL	UCL
α,α,α -Trifluorotoluene	61	149	54	144	62	154

Surrogate - GCMS VOA	Aqueous		Low Level Solids		Methanol Solids	
	LCL	UCL	LCL	UCL	LCL	UCL
Dibromofluoromethane	61	136	51	127	57	118
Toluene-d ₈	63	140	62	126	72	115
4-Bromofluorobenzene	55	136	60	109	67	112

Surrogate - GCMS PAH	Aqueous		Solids	
	LCL	UCL	LCL	UCL
Nitrobenzene-d ₅	30	170	35	126
2-Fluorobiphenyl	30	126	44	110
Terphenyl-d ₁₄	56	148	38	145

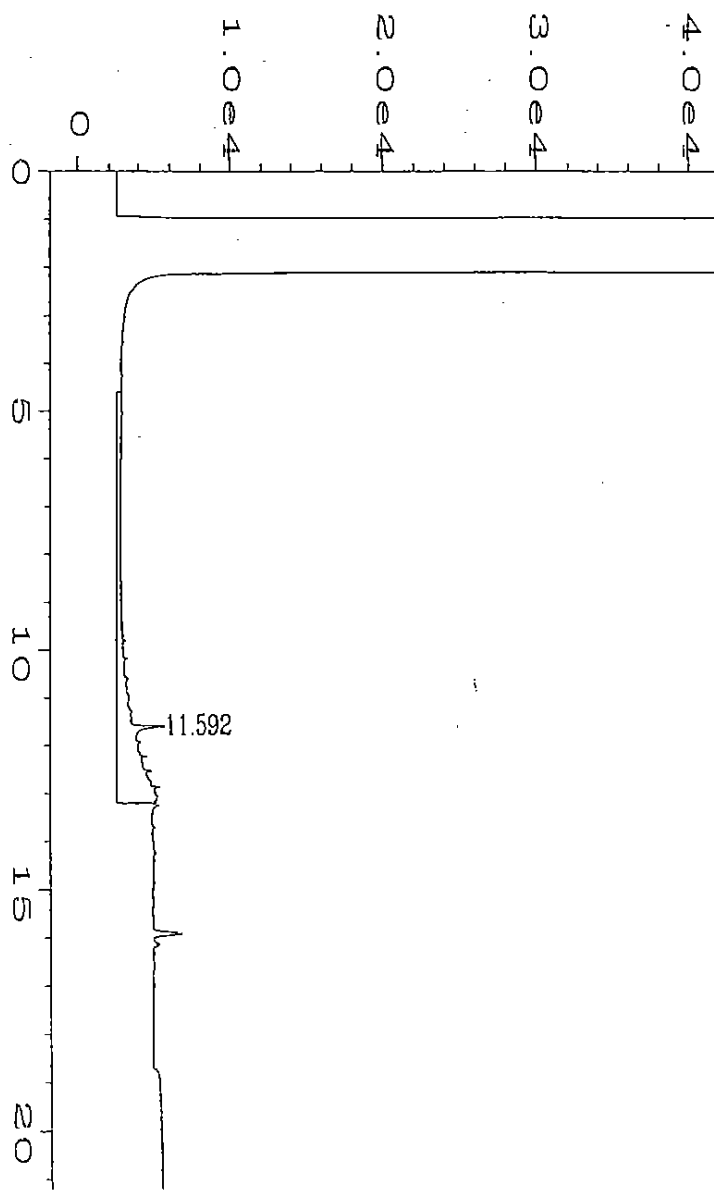
Surrogate - GCMS BNA	Aqueous		Solids	
	LCL	UCL	LCL	UCL
2-Fluorophenol	13	70	35	114
Phenol-d ₅	8	44	29	114
2-Chlorophenol-d ₄	29	104	34	107
1,2-Dichlorobenzene-d ₄	34	112	27	116
Nitrobenzene-d ₅	34	126	26	126
2-Fluorobiphenyl	36	126	26	126
2,4,6-Tribromophenol	39	133	17	129
Terphenyl-d ₁₄	56	139	23	141

Surrogate - GC PCB	Aqueous		Solids	
	LCL	UCL	LCL	UCL
Decachlorobiphenyl	22	133	11	142



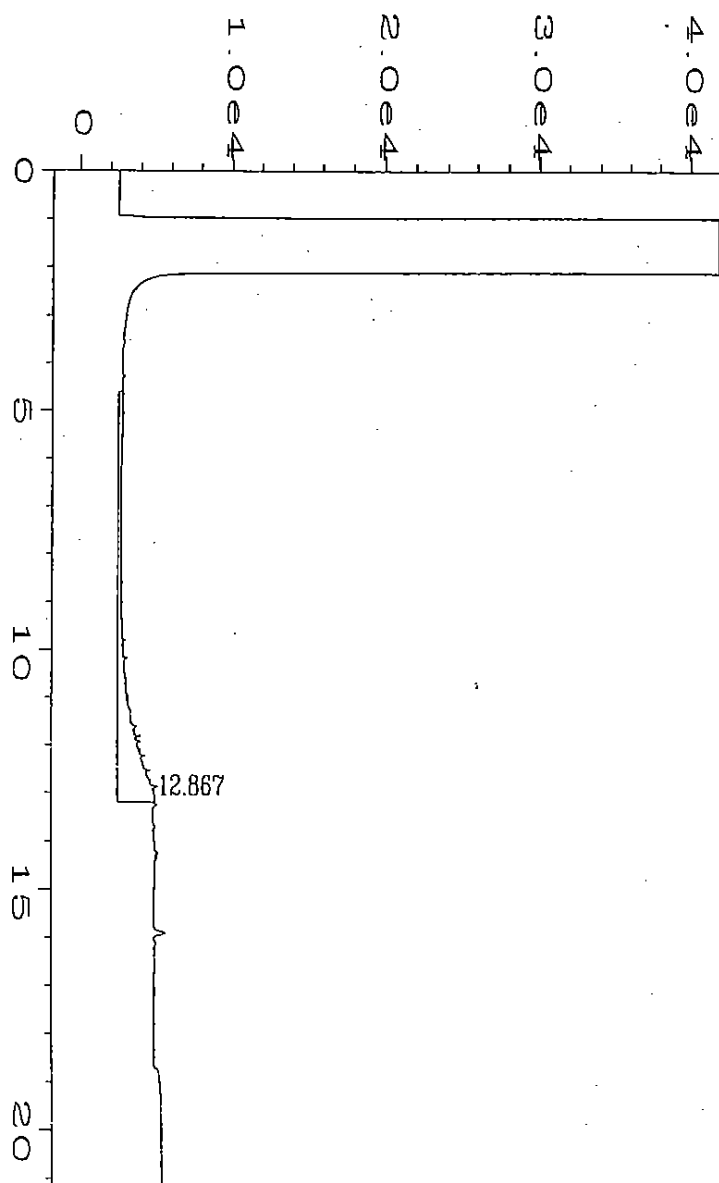
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Data File Name	: G:\HPCHEM\3\DATA\011603\021R0301.D	Page Number	: 1
Operator	: KEG	Vial Number	: 21
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30582D001SJX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 17 Jan 03 08:00 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	17 Jan 03 08:26 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



user modified

Data File Name	: G:\HPCHEM\3\DATA\011603\022R0301.D	Page Number	: 1
Operator	: KEG	Vial Number	: 22
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30582D003SJX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 17 Jan 03 08:26 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	17 Jan 03 08:52 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		



user modified

Data File Name	: G:\HPCHEM\3\DATA\011603\018R0301.D	Page Number	: 1
Operator	: KEG	Vial Number	: 18
Instrument	: DRO	Injection Number	: 1
Sample Name	: 30582D004SJX1	Sequence Line	: 3
Run Time Bar Code:		Instrument Method:	1QUICK.MTH
Acquired on	: 17 Jan 03 06:41 PM	Analysis Method	: 1QUICK.MTH
Report Created on:	17 Jan 03 07:07 PM	Sample Amount	: 0
Last Recalib on	: 20 JUN 93 01:52 PM	ISTD Amount	:
Multiplier	: 1		

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-71

Lab Name: EN CHEM - GREEN BAY Contract:
 Lab Code: ENCHEMGB Case No.: SAS No.: SDG No.: MS301172003
 Matrix: (soil/water) SOIL Lab Sample ID: EBLK1146-71
 Sample wt/vol: 20.0 (g/mL) G Lab File ID: 01170305
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 01/17/03
 GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 50.0
 Soil Extract Volume: 20 (mL) Soil Aliquot Volume: 1000 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-83-9	DICHLORODIFLUOROMETHANE	25.00	U
74-87-3	CHLOROMETHANE	25.00	U
75-01-4	VINYL CHLORIDE	25.00	U
74-83-9	BROMOMETHANE	25.00	U
75-00-3	CHLOROETHANE	25.00	U
75-43-4	DICHLOROFLUOROMETHANE	25.00	U
75-69-4	TRICHLOROFLUOROMETHANE	25.00	U
60-29-7	DIETHYL ETHER	25.00	U
75-35-4	1 1-DICHLOROETHENE	25.00	U
76-13-1	1 1 2-TRICHLOROTRIFLUOROETHA	25.00	U
67-64-1	ACETONE	250.00	U
107-05-1	ALLYL CHLORIDE	25.00	U
75-09-2	METHYLENE CHLORIDE	25.00	U
156-60-5	TRANS-1 2-DICHLOROETHENE	25.00	U
1634-04-4	METHYL T-BUTYL ETHER	25.00	U
75-34-3	1 1-DICHLOROETHANE	25.00	U
590-20-7	2 2-DICHLOROPROPANE	25.00	U
156-59-2	CIS-1 2-DICHLOROETHENE	25.00	U
78-93-3	2-BUTANONE	250.00	U
74-97-5	BROMOCHLOROMETHANE	25.00	U
109-99-9	TETRAHYDROFURAN	250.00	U
67-66-3	CHLOROFORM	25.00	U
71-55-6	1 1 1-TRICHLOROETHANE	25.00	U
56-23-5	CARBON TETRACHLORIDE	25.00	U
563-58-6	1 1-DICHLOROPROPENE	25.00	U
71-43-2	BENZENE	25.00	U
107-06-2	1 2-DICHLOROETHANE	25.00	U
79-01-6	TRICHLOROETHENE	25.00	U
78-87-5	1 2-DICHLOROPROPANE	25.00	U
74-95-3	DIBROMOMETHANE	25.00	U
75-27-4	BROMODICHLOROMETHANE	25.00	U
10061-01-5	CIS-1 3-DICHLOROPROPENE	25.00	U
108-10-1	4-METHYL-2-PENTANONE	250.00	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-71

Lab Name: EN CHEM - GREEN BAY

Contract:

Lab Code: ENCHEMGB

Case No.:

SAS No.:

SDG No.: MS301172003

Matrix: (soil/water) SOIL

Lab Sample ID: EBLK1146-71

Sample wt/vol: 20.0 (g/mL) G

Lab File ID: 01170305

Level: (low/med) MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 01/17/03

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 50.0

Soil Extract Volume: 20 (mL)

Soil Aliquot Volume: 1000 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-88-3-----	TOLUENE	25.00	U
10061-02-6-----	TRANS-1 3-DICHLOROPROPENE	25.00	U
79-00-5-----	1 1 2-TRICHLOROETHANE	25.00	U
127-18-4-----	TETRACHLOROETHENE	25.00	U
142-28-9-----	1 3-DICHLOROPROPANE	25.00	U
124-48-1-----	DIBROMOCHLOROMETHANE	25.00	U
106-93-4-----	1 2-DIBROMOETHANE	25.00	U
108-90-7-----	CHLOROBENZENE	25.00	U
630-26-6-----	1 1 1 2-TETRACHLOROETHANE	25.00	U
100-41-4-----	ETHYL BENZENE	25.00	U
108-38-3-----	M- P-XYLENE	50.00	U
95-47-6-----	O-XYLENE	25.00	U
100-42-5-----	STYRENE	25.00	U
75-25-2-----	BROMOFORM	25.00	U
98-82-8-----	ISOPROPYLBENZENE	25.00	U
108-86-1-----	BROMOBENZENE	25.00	U
79-34-5-----	1 1 2 2-TETRACHLOROETHANE	25.00	U
96-18-4-----	1 2 3-TRICHLOROPROPANE	25.00	U
103-65-1-----	N-PROPYLBENZENE	25.00	U
95-49-8-----	2-CHLOROTOLUENE	25.00	U
106-43-4-----	4-CHLOROTOLUENE	25.00	U
108-67-8-----	1 3 5-TRIMETHYLBENZENE	25.00	U
98-06-6-----	TERT-BUTYLBENZENE	25.00	U
95-63-6-----	1 2 4-TRIMETHYLBENZENE	25.00	U
135-98-8-----	SEC-BUTYLBENZENE	25.00	U
541-73-1-----	1 3-DICHLOROBENZENE	25.00	U
99-878-6-----	P-ISOPROPYLTOLUENE (CYMENE)	25.00	U
106-46-7-----	1 4-DICHLOROBENZENE	25.00	U
95-50-1-----	1 2-DICHLOROBENZENE	25.00	U
104-51-8-----	N-BUTYLBENZENE	25.00	U
96-12-8-----	1 2-DIBROMO-3-CHLOROPROPANE	100.00	U
95-63-6-----	1 2 4-TRICHLOROBENZENE	25.00	U
87-68-3-----	HEXACHLOROBUTADIENE	25.00	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EBLK1146-71

Lab Name: EN CHEM - GREEN BAY

Contract:

Lab Code: ENCHEMGB

Case No.:

SAS No.:

SDG No.: MS301172003

Matrix: (soil/water) SOIL

Lab Sample ID: EBLK1146-71

Sample wt/vol: 20.0 (g/mL) G

Lab File ID: 01170305

Level: (low/med) MED

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 01/17/03

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 50.0

Soil Extract Volume: 20 (mL)

Soil Aliquot Volume: 1000 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

91-20-3-----	NAPHTHALENE	25.00	U
96-18-4-----	1 2 3-TRICHLOROBENZENE	25.00	U

FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PBLK22

Lab Name: EN CHEM INC Contract: 60W

Lab Code: Case No.: SAS No.: SDG No.: 830582

Matrix: (soil/water) SOIL Lab Sample ID: PBLK22

Sample wt/vol: 20.0 (g/mL) G Lab File ID: 0127058

Level: (low/med) LOW Date Received: _____

% Moisture: 0.0 decanted: (Y/N) N Date Extracted: 01/20/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/28/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor 1016	50	U	
11104-28-2-----	Aroclor 1221	50	U	
1114-16-5-----	Aroclor 1232	50	U	
53469-21-9-----	Aroclor 1242	50	U	
12672-29-6-----	Aroclor 1248	50	U	
11097-69-1-----	Aroclor 1254	50	U	
11096-82-5-----	Aroclor 1260	50	U	

