KMK/MQ

ENVIRONMENTAL
MAINTENANCE
COMPANY, INC.

September 15, 2003

Mr. Kevin Katrina, Bureau Chief
New Jersey Department of Environmental Protection
Bureau of Underground Storage Tanks
401 East State Street
Trenton, New Jersey 08625

RE: Piping Closure / Addendum to UST Closure Report
North Brunswick Gulf
1696 Georges Road
North Brunswick, New Jersey 08902
NJDEP Case #: 01-08-30-1546-07
Closure Activity #: UCL 010001

Dear NJDEP:

This letter report serves as an addendum to the UST Closure Report dated 2/14/02 for the above referenced facility located at 1696 Georges Road, North Brunswick, New Jersey. Environmental Maintenance Company, Inc. (Environmental Maintenance) has prepared this Piping Closure Report / Site Investigation Report to document the closure of piping associated with the USTs formerly removed from the property.

Enclosed with this letter report are the completed Report Certification Form, the reduced deliverable analytical data report (1 volume), and electronic deliverable disk (1 disk).

Background

In response to a release of gasoline from a storage tank system at the site, four (4) 6,000-gallon fiberglass underground storage tanks (USTs) were removed from the site under UST Closure Activity # UCL 010001. At the time of the UST removals the piping system that ran from the USTs to the dispensers, was left in place to possibly later be reconnected to new UST systems installed at the site.

Following removal of the USTs and submittal of the UST Closure Report, during routine testing of the piping lines a compromise was discovered in the secondary containment piping of the product lines. Because of the compromise it was determined that the lines could not be later used as part of the new UST systems.

On 4/15/03 Mr. Mohammad Qureshi (case manager for the site) of the NJDEP was contacted to determine if the fiberglass piping run could still be removed as part of the original UST Closure

1420 E. Mermaid Lane • Glenside, PA 19038 • Phone (215) 233-5141 • Fax (215) 233-8998

K 10-20-03

Activity #: UCL010001. Mr. Qureshi reportedly consulted with the NJDEP Bureau of Underground Storage Tanks then gave Environmental Maintenance verbal approval to properly close the piping without additional written approval.

Piping Closure Activity

All UST Piping Closure activities were performed by Environmental Maintenance (NJDEP Closure and Subsurface Evaluator Certification # US01154). All subsurface assessment and sampling was performed by Mr. Charlie McGuth, PG (NJDEP Closure and Subsurface Evaluator Certification # 0020973).

Piping closure activities included removal of fiberglass piping formerly connected to four (4) 6,000-gallon fiberglass USTs formerly at the site. Utilizing hand shovels, the piping was exposed and inspected. Upon inspection the secondary containment piping and product piping were noted to contain no visible cracks or open holes. The piping had previously been drained during removal of the USTs, and upon inspection the piping was found to be free of all product.

The piping material (fiberglass) was taken off-site placed in a dumpster and later disposed of by John Miller, Inc. of Glenside, Pennsylvania on 5/2/03. A copy of the piping disposal receipt is included in **Attachment 3**.

Color copies of the piping system prior to, during and following removal are included **Attachment 5**.

Soil Sample Sampling and Results

Although the piping system always had secondary containment with no discharge history, because a compromise the secondary containment piping was discovered during a pressure test performed earlier, sampling beneath the piping was conducted according to N.J.A.C. 7:26E-3.9(a)5i. Piping runs shared a common trench and were within 2 feet of each other therefore according to N.J.A.C. 7:26E-3.9(a)5iii, sampling was conducted as if the piping consisted of a single piping run.

Bedding material below the piping consisted of 1/4–inch "pea" gravel. This pea gravel was field screened with a photo-ionization detector (PID) and displayed no elevated readings. Because this bedding material was less than 15% silt and/or clay according to N.J.A.C. 7:26E-3.9(a)5i, samples for volatile organic compounds were collected at the first less permeable soil horizon encountered below the pipe. A shovel was used to excavate pea gravel to approximately 2 feet below grade where silty sands were encountered and sampled. Soil sample locations were biased towards joints in the piping run. Figure 1 in **Attachment 1** depicts the soil sample locations.

On 4/25/03 four (4) soil samples, designated "Piping-1" through "Piping-4", and one (1) duplicate sample (duplicate of Piping-4) were collected and analyzed for volatile organic compounds with a forward library search of the next 10 tentatively identified compounds (TICs) to elute (VO+10).

Soil sampling analytical results reported all compounds as below NJDEP non-residential and residential Soil Cleanup Criteria. The soil sample analytical results are summarized in Table 1 in

Attachment 2. Copies of the soil analytical results summary pages are included in **Attachment 4.**

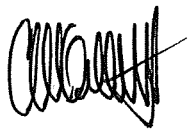
Conclusions

Fiberglass product piping associated with four 6,000-gallon USTs (previously removed) was permanently removed from the subsurface. Piping closure sampling results report all compounds as below NJDEP Soil Cleanup Criteria.

If you have any questions or need any additional information, please feel free to contact me at (215) 233-5141.

Sincerely,

ENVIRONMENTAL MAINTENANCE COMPANY, INC.



Charlie McGuth, P.G.
Project Manager

Attachments: Attachment 1 - Figure 1
Attachment 2 - Table 1
Attachment 3 - Piping Disposal Manifest
Attachment 4 - Soil Analytical Results Summary Pages
Attachment 5 - Photographs

Enclosures: Report Certification Form
Reduced Deliverable Analytical Data with Electronic Deliverable Disk

cc: Mr. Walter Lapp. Jr. - President, North Brunswick Gulf (w/o Analytical Deliverable Report)
Ms. Jill Crosbie - RedHawk Environmental Consulting, Ltd. (w/o Analytical Deliverable Report)
Mr. George J. Grochala, Esq. (w/o Analytical Deliverable Report)

New Jersey Department of Environmental Protection

Site Remediation Program

UST Site/Remedial Investigation Report Certification Form

A. Facility Name: North Brunswick Gulf Block: _____ Lot(s): _____

Facility Street Address: 1696 Georges Road

Municipality: North Brunswick County: Middlesex Telephone #: 732-297-1000

B. Owner (RP)'s Name/ Organization: Walter Lapp, Jr. / North Brunswick Gulf

Street Address: 1696 Georges Road City: North Brunswick

State: NJ Zip: 08902 Telephone #: 732-297-1000

C. (Check as appropriate)

- [X] Site Investigation Report (SIR) $500 Fee
- [ ] Remedial Investigation Report (RIR) $1000 Fee

D. (Complete all that apply)

- Assigned Case Manager: _____
- UST Facility ID Number: 010180
- Closure Activity Number: UCL 010001 (i.e. UCL010001)
- Tank Closure Number: _____ ; _____ (i.e. N01-0000)
- Comm. Center Number(s): _____ (i.e. 00-00-00-0000-00)
- Case #: 01-08-30-1546-07 (i.e. 000001USRC10001)

E. Certification by the Subsurface Evaluator:

Name: Charles McGuth Signature: _____ UST Cert. No.: 0020973

Firm: Environmental Maintenance Co., Inc. Firm's UST Cert. Number: US01154

Firm Address: 1420 E. Mermiad Lane

City: Glenside State: PA Zip: 19038

Telephone Number: 215-233-5141 E-mail Address: emc@op.net

(Yes) No .....The attached report conforms to the specific reporting requirements of N.J.A.C. 7:26E
(NOTE: Certification numbers required only if work was conducted on USTs regulated per N.J.S.A. 58:10A-21 et seq.)

F. Certification by the Responsible Party(ies) of the Facility:

The following certification shall be signed [according to the requirements of N.J.A.C. 7:14B-1.7(b)] as follows:

1. For a Corporation by a person authorized by a resolution of the board of directors to sign the document. A copy of the resolution, certified as a true copy by the secretary of the corporation, shall be submitted along with the certification; or
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, State, federal or other public agency by either a principal executive officer or ranking elected Official

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate, or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

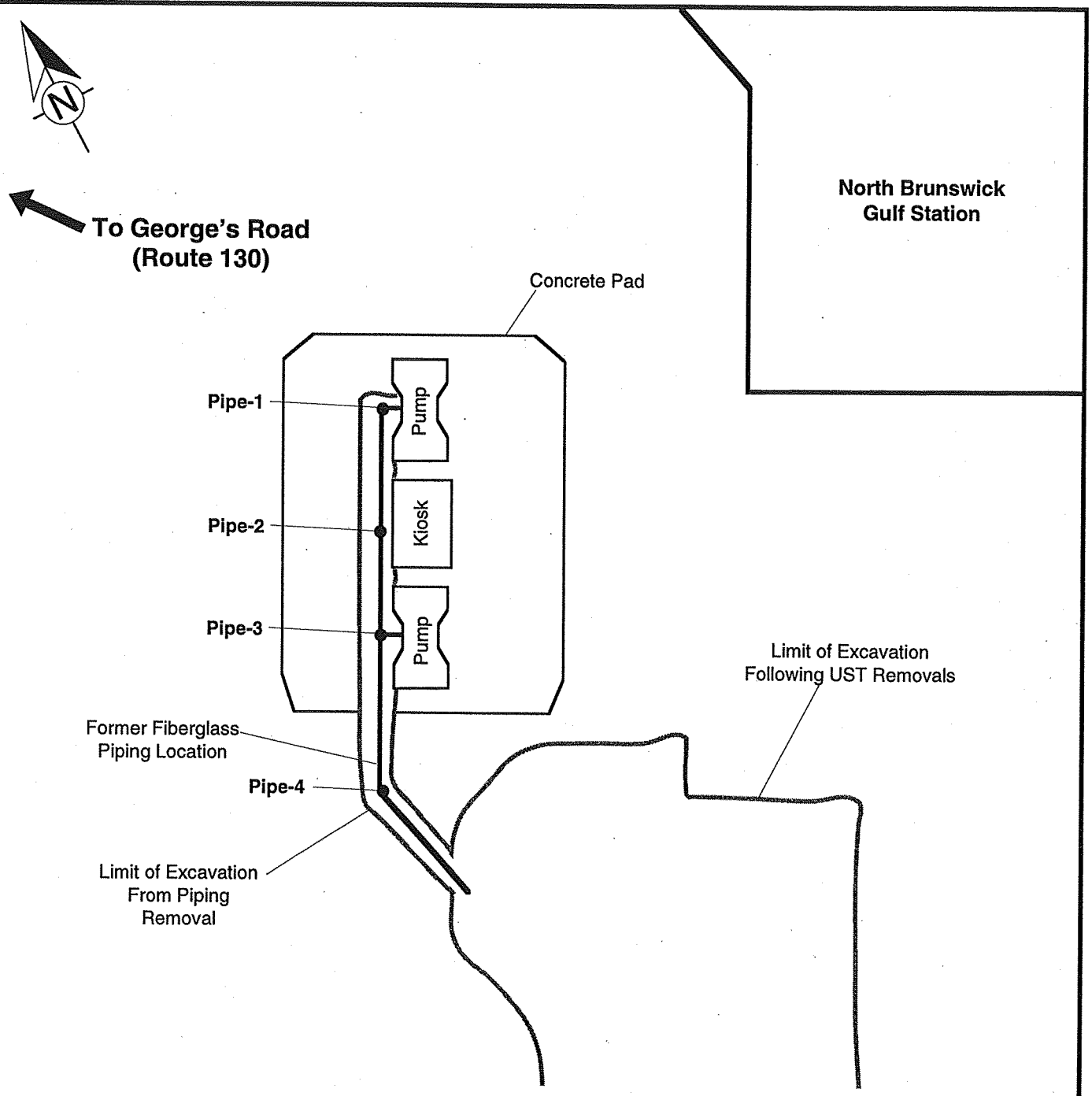
Name (Print or Type): WALTER LAPP JR Title: PRES.

Signature: _____ Telephone #: 732-297-1000

Company Name: North Brunswick Gulf INC Date: 9/15/03

ATTACHMENT 1
Figure 1

FIGURE 1



Legend

Pipe-1

● - Soil Sample Location

FIGURE 1 **Piping Closure and Soil Sample Locations**
North Brunswick Gulf **1696 George's Road (Route 130)** **North Brunswick , New Jersey 08902**
SCALE: Approx. 1"=10' | **DATE:** April 2003
ENVIRONMENTAL MAINTENANCE COMPANY, INC. 1420 E. Mermaid Lane Glenside, PA 19038

ATTACHMENT 2
Table 1 – Soil Sampling Analytical Results

TABLE 1
Soil Sampling Analytical Results - Detected Compounds
North Brunswick Gulf
1696 George's Road
North Brunswick, NJ 08902
NJDEP Case #: 01-08-30-1546-07

			Soil Sample Field ID, Depth Interval (ft.), Lab ID#, Sample Date			
	NJDEP Soil Cleanup Criteria [1] (SCC)		Pipe-1	Pipe-2	Pipe-3	Pipe-4
			2.2 - 2.5 ft.	2.1 - 2.3 ft.	2.2 - 2.4 ft.	2.1 - 2.3 ft.
			L1022556-1	L1022556-2	L1022556-3	L1022556-4
			4/25/03	4/25/03	4/25/03	4/25/03
Parameter	Residential Direct Contact (RDCSCC) (mg/kg)	Non-Residential Direct Contact (NRDCSCC) (mg/kg)	Analytical Result (mg/kg)	Analytical Result (mg/kg)	Analytical Result (mg/kg)	Analytical Result (mg/kg)
Benzene	3	13	ND	ND	0.758	2.2
Toluene	1000	1000	ND	ND	4.7	ND
Ethylbenzene	1000	1000	17.7	0.135 J	3.01	13.3
Xylenes (Total)	410	1000	156.3	0.177 J	22.42	73.1
MTBE	NS	NS	ND	ND	ND	0.417 J
Total VOC TICs	NS	NS	647.5 J	8.89 J	30.56 J	132.19 J

Notes:

1 = per New Jersey 1992 Soil Cleanup Criteria and as Revised 5/12/1999

VOCs = Volatile Organic Compounds

TICs = Tentatively Identified Compounds

ND = Not Detected, indicated the compound was analyzed for but not detected up to the Method Detection Limit (MDL)

NS = Not Specified

ATTACHMENT 3
Piping Disposal Manifest

JOHN MILLER INC.
WASTE DISPOSAL & RECYCLING
147 ORELAND MILL ROAD, ORELAND, PA 19075

TELEPHONE
(215) 885-8199

FAX
(215) 885-1904

INVOICE NUMBER: 47583

INVOICE DATE: May 2, 2003

SOLD TO: ENVM-01

Environmental Maintenance
1420 E. Mermaid Lane
Glenside, PA 19038

CUSTOMER ID	PURCHASE ORDER	PAYMENT TERMS	PAGE
ENVM-01		Net 20 Days	1

DESCRIPTION	EXTENSION
Service: 5/02/03	48.00
Remove one (1) dumpster containing fiberglass piping. Material from North Brunswick Gulf.	
TOTAL DUE	**48.00**

ATTACHMENT 4
Soil Analytical Results Summary Pages

QC Laboratories
1205 Industrial Blvd.
Southampton, PA 18966-0514
Phone: 215-355-3900
Fax: 215-355-7231

CHAIN OF CUSTODY

Page 1 of 1

Lab LIMS No:

Client/Acct. No. Environmental Monitoring
Address 1420 E. Mermaid Ln.
City/State/Zip Glenside PA 19038
Phone/Fax (215) 233-5141/6993
Client Contact C. McGrath

Bill to/Report to: (if different) Same

Sampling Site Address: (if different) N. Brunswick Golf - Piping

P.O. No.

QC Contact

LAB USE ONLY:

- # ___ Ascorbic/HCl Vials # ___ HCl Vials
- # ___ $Na_2S_2O_3$ ___
- # ___ Na OH/Zn acetate pH ___
- # ___ HNO_3 pH ___
- # ___ H_2SO_4 pH ___
- # ___ NaOH pH ___
- # ___ Unpreserved
- # ___ Hcl pH
- # ___ Temp control 5°/ BBT ID# 1001-40C

MATRIX CODES

- DW: DRINKING WATER
- GW: GROUND WATER
- WW: WASTEWATER
- SO: SOIL
- SL: SLUDGE
- OIL: OIL
- SOL: NON SOIL SOLID
- MI: MISCELLANEOUS
- X: OTHER

Field pH, Temp (C or F), DO, Cl_2, S. Cond. etc.

PROJECT

FIELD ID	Collection Date	Military Time	GRAB	COMP	Matrix Code	Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	Unpre	BacT	ANALYSIS REQUESTED
NBG Pipe-1 (.5)	4/25/03	0933	X		SO	2									VO + 10
NBG Pipe-2 (14)	4/25/03	1000	X		SO	2									↓
NBG Pipe-3 (21)	4/25/03	1015	X		SO	2									↓
NBG Pipe-4 (33)	4/25/03	1030	X		SO	2									↓
NBG Pipe-Dup	4/25/03	—	X		SO	2									↓
Trip Blank	4/25/03	—													↓

SAMPLED BY: (Name/Company) Charlie McGrath, Env. Monitoring

Verbal/fax data due: ___/___/___
Hardcopy due: ___/___/___

Report Format: ☐ Standard ☐ Forms ☐ Standard + QC ☒ NJ Reduced ☒ Disk

Please call for pricing and availability on rush (<14-21 day) turnaround and on all but standard format.

Field Parameters Analyzed By:
Sig: Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
1 (SAMPLER) [signature]	4/25/03	13:00	1 B. [signature]	4/25/03	13:00
2 B. [signature]			2		
3			3		
4			4		
5			5		

DELIVERY METHOD: ☐ QC COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___

Custody Seal Number

COMMENTS:

Hazardous: yes / no

CLIENT/FIELD REPRESENTATIVE

QC Laboratories

Analytical Results

ACCREDITED IN ACCORDANCE WITH nelac

05/14/03 10:16am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
P.O. No:
PWSID No:
Inv. No: 504181

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-1	N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5) Received Temp: 51°F Iced (Y/N): Y	04/25/03 09:33am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	4650 ug/kg	04/28/03 10:15PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	2250 ug/kg	04/28/03 10:15PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	2250 ug/kg	04/28/03 10:15PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	2110 ug/kg	04/28/03 10:15PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1550 ug/kg	04/28/03 10:15PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	10700 ug/kg	04/28/03 10:15PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	2110 ug/kg	04/28/03 10:15PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	1410 ug/kg	04/28/03 10:15PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1130 ug/kg	04/28/03 10:15PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	4080 ug/kg	04/28/03 10:15PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	2390 ug/kg	04/28/03 10:15PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	21300 ug/kg	04/28/03 10:15PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	8030 ug/kg	04/28/03 10:15PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	5210 ug/kg	04/28/03 10:15PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	986. ug/kg	04/28/03 10:15PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	986. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

Analytical Results

ACCREDITED IN ACCORDANCE WITH nelac

05/14/03 10:16am

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-1	N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5)	04/25/03 09:33am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	4230 ug/kg	04/28/03 10:15PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	1410 ug/kg	04/28/03 10:15PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	1130 ug/kg	04/28/03 10:15PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	282. ug/kg	04/28/03 10:15PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
ETHYL BENZENE	EPA Method 8260	17700 ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
M&P-XYLENES	EPA Method 8260	139000 ug/kg DRY	1550 ug/kg	04/28/03 10:15PM JFM
O-XYLENE	EPA Method 8260	17300 ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	76800 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	38800 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	52000 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	36300 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	107000 J ug/kg DRY		04/28/03 10:15PM JFM
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	64200 NJ ug/kg DRY		04/28/03 10:15PM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	149000 NJ ug/kg DRY		04/28/03 10:15PM JFM
METHYLPROPYLBENZENE ISOMER	EPA 8260 Library Search	39500 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLDIMETHYLBENZENE ISOMER-1	EPA 8260 Library Search	46800 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLDIMETHYLBENZENE ISOMER-2	EPA 8260 Library Search	37100 J ug/kg DRY		04/28/03 10:15PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	90.67 %	0.01000 %	04/25/03 03:45PM JS

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-2	130272 NBG PIPE - 2 (14) Received Temp: 51°F Iced (Y/N): Y	04/25/03 10:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	500. ug/kg	04/29/03 01:05PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-2	130272 NBG PIPE - 2 (14)	04/25/03 10:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	242. ug/kg	04/29/03 01:05PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	242. ug/kg	04/29/03 01:05PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	227. ug/kg	04/29/03 01:05PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	167. ug/kg	04/29/03 01:05PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1150 ug/kg	04/29/03 01:05PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	227. ug/kg	04/29/03 01:05PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	151. ug/kg	04/29/03 01:05PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 01:05PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	439. ug/kg	04/29/03 01:05PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	257. ug/kg	04/29/03 01:05PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2290 ug/kg	04/29/03 01:05PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	863. ug/kg	04/29/03 01:05PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	560. ug/kg	04/29/03 01:05PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	106. ug/kg	04/29/03 01:05PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	106. ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	454. ug/kg	04/29/03 01:05PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	151. ug/kg	04/29/03 01:05PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 01:05PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	30.3 ug/kg	04/29/03 01:05PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
ETHYL BENZENE	EPA Method 8260	135. J ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
M&P-XYLENES	EPA Method 8260	177. J ug/kg DRY	167. ug/kg	04/29/03 01:05PM JFM
O-XYLENE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
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All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-2	130272 NBG PIPE - 2 (14)	04/25/03 10:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
STYRENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	2300 J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-1	EPA 8260 Library Search	793. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-2	EPA 8260 Library Search	767. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-3	EPA 8260 Library Search	861. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	768. J ug/kg DRY		04/29/03 01:05PM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	1790 NJ ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN AROMATIC-1	EPA 8260 Library Search	778. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN AROMATIC-2	EPA 8260 Library Search	837. J ug/kg DRY		04/29/03 01:05PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	89.18 %	0.01000 %	04/25/03 03:45PM JS

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-3	130269 NBG PIPE - 3 (21) Received Temp: 51°F Iced (Y/N): Y	04/25/03 10:15am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	495. ug/kg	04/28/03 11:28PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	240. ug/kg	04/28/03 11:28PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	240. ug/kg	04/28/03 11:28PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	225. ug/kg	04/28/03 11:28PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	165. ug/kg	04/28/03 11:28PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1140 ug/kg	04/28/03 11:28PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	225. ug/kg	04/28/03 11:28PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	150. ug/kg	04/28/03 11:28PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	120. ug/kg	04/28/03 11:28PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	435. ug/kg	04/28/03 11:28PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	255. ug/kg	04/28/03 11:28PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2270 ug/kg	04/28/03 11:28PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	855. ug/kg	04/28/03 11:28PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM

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All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

Analytical Results

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 10:16am

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT — P.O. No: — Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT — PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-3	130269 NBG PIPE - 3 (21)	04/25/03 10:15am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	555. ug/kg	04/28/03 11:28PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	105. ug/kg	04/28/03 11:28PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
BENZENE	EPA Method 8260	758 ug/kg DRY	105. ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	450. ug/kg	04/28/03 11:28PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	150. ug/kg	04/28/03 11:28PM JFM
TOLUENE	EPA Method 8260	4700 ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	120. ug/kg	04/28/03 11:28PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	30.0 ug/kg	04/28/03 11:28PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
ETHYL BENZENE	EPA Method 8260	3010 ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
M&P-XYLENES	EPA Method 8260	17000 ug/kg DRY	165. ug/kg	04/28/03 11:28PM JFM
O-XYLENE	EPA Method 8260	5420 ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	1080 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	3400 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN	EPA 8260 Library Search	1140 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	3560 J ug/kg DRY		04/28/03 11:28PM JFM
BENZENE, PROPYL-	EPA 8260 Library Search	1070 NJ ug/kg DRY		04/28/03 11:28PM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	6250 J ug/kg DRY		04/28/03 11:28PM JFM
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	2650 NJ ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN AROMATIC-1	EPA 8260 Library Search	1710 J ug/kg DRY		04/28/03 11:28PM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	8410 NJ ug/kg DRY		04/28/03 11:28PM JFM

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All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-3	130269 NBG PIPE - 3 (21)	04/25/03 10:15am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN AROMATIC-2	EPA 8260 Library Search	1290 J ug/kg DRY		04/28/03 11:28PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	84.63 %	0.01000 %	04/29/03 10:00AM PP

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-4	130271 NBG PIPE - 4 (33) Received Temp: 51°F Iced (Y/N): Y	04/25/03 10:30am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	483. ug/kg	04/29/03 12:05AM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	234. ug/kg	04/29/03 12:05AM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	234. ug/kg	04/29/03 12:05AM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	220. ug/kg	04/29/03 12:05AM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	161. ug/kg	04/29/03 12:05AM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1110 ug/kg	04/29/03 12:05AM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	220. ug/kg	04/29/03 12:05AM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	146. ug/kg	04/29/03 12:05AM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	117. ug/kg	04/29/03 12:05AM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	424. ug/kg	04/29/03 12:05AM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	249. ug/kg	04/29/03 12:05AM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	417. J ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2210 ug/kg	04/29/03 12:05AM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	834. ug/kg	04/29/03 12:05AM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	542. ug/kg	04/29/03 12:05AM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	102. ug/kg	04/29/03 12:05AM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
BENZENE	EPA Method 8260	2200 ug/kg DRY	102. ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	439. ug/kg	04/29/03 12:05AM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	146. ug/kg	04/29/03 12:05AM JFM
TOLUENE	EPA Method 8260	18600 ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM

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All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

Analytical Results

ACCREDITED IN ACCORDANCE WITH nelac

05/14/03 10:16am

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT — P.O. No: — Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT — PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-4	130271 NBG PIPE - 4 (33)	04/25/03 10:30am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	117. ug/kg	04/29/03 12:05AM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	29.3 ug/kg	04/29/03 12:05AM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
ETHYL BENZENE	EPA Method 8260	13300 ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
M&P-XYLENES	EPA Method 8260	45000 ug/kg DRY	161. ug/kg	04/29/03 12:05AM JFM
O-XYLENE	EPA Method 8260	21800 ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	11600 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	11400 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	12300 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	11600 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN	EPA 8260 Library Search	16900 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-5	EPA 8260 Library Search	11200 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-6	EPA 8260 Library Search	8750 J ug/kg DRY		04/29/03 12:05AM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	18800 J ug/kg DRY		04/29/03 12:05AM JFM
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	8740 NJ ug/kg DRY		04/29/03 12:05AM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	20900 NJ ug/kg DRY		04/29/03 12:05AM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	86.08 %	0.01000 %	04/29/03 10:00AM PP

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-5	130270 NBG PIPE - DUP Received Temp: 51°F Iced (Y/N): Y	04/25/03 00:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	444. ug/kg	04/29/03 12:41AM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	215. ug/kg	04/29/03 12:41AM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	215. ug/kg	04/29/03 12:41AM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	202. ug/kg	04/29/03 12:41AM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	148. ug/kg	04/29/03 12:41AM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

Analytical Results

ACCREDITED IN ACCORDANCE WITH nelac

05/14/03 10:16am

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-5	130270 NBG PIPE - DUP	04/25/03 00:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
ACETONE	EPA Method 8260	ND ug/kg DRY	1020 ug/kg	04/29/03 12:41AM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	202. ug/kg	04/29/03 12:41AM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/29/03 12:41AM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	108. ug/kg	04/29/03 12:41AM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	390. ug/kg	04/29/03 12:41AM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	229. ug/kg	04/29/03 12:41AM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2030 ug/kg	04/29/03 12:41AM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	767. ug/kg	04/29/03 12:41AM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	498. ug/kg	04/29/03 12:41AM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	94.2 ug/kg	04/29/03 12:41AM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
BENZENE	EPA Method 8260	626. J ug/kg DRY	94.2 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	404. ug/kg	04/29/03 12:41AM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/29/03 12:41AM JFM
TOLUENE	EPA Method 8260	320. J ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	108. ug/kg	04/29/03 12:41AM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	26.9 ug/kg	04/29/03 12:41AM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
ETHYL BENZENE	EPA Method 8260	11800 ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
M&P-XYLENES	EPA Method 8260	46300 ug/kg DRY	148. ug/kg	04/29/03 12:41AM JFM
O-XYLENE	EPA Method 8260	11200 ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-5	130270 NBG PIPE - DUP	04/25/03 00:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	31500 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	30300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	15300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN	EPA 8260 Library Search	15100 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	12800 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-5	EPA 8260 Library Search	16200 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-6	EPA 8260 Library Search	41100 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-7	EPA 8260 Library Search	28300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-8	EPA 8260 Library Search	13600 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-9	EPA 8260 Library Search	18200 J ug/kg DRY		04/29/03 12:41AM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	92.12 %	0.01000 %	04/29/03 10:00AM PP

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-6	30402 TRIP BLANK Received Temp: 51°F Iced (Y/N): Y	04/25/03 00:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	413. ug/kg	04/29/03 12:29PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	200. ug/kg	04/29/03 12:29PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	200. ug/kg	04/29/03 12:29PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	188. ug/kg	04/29/03 12:29PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	138. ug/kg	04/29/03 12:29PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	950. ug/kg	04/29/03 12:29PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	188. ug/kg	04/29/03 12:29PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	125. ug/kg	04/29/03 12:29PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	100. ug/kg	04/29/03 12:29PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	363. ug/kg	04/29/03 12:29PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	213. ug/kg	04/29/03 12:29PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	1890 ug/kg	04/29/03 12:29PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	713. ug/kg	04/29/03 12:29PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	463. ug/kg	04/29/03 12:29PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L1022556-6	30402 TRIP BLANK	04/25/03 00:00am NA°F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	87.5 ug/kg	04/29/03 12:29PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	87.5 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	375. ug/kg	04/29/03 12:29PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	125. ug/kg	04/29/03 12:29PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	100. ug/kg	04/29/03 12:29PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	25.0 ug/kg	04/29/03 12:29PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
ETHYL BENZENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
M&P-XYLENES	EPA Method 8260	ND ug/kg DRY	138. ug/kg	04/29/03 12:29PM JFM
O-XYLENE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
NONE FOUND	EPA 8260 Library Search	ND ug/kg		04/29/03 12:29PM JFM

L1022556-1:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

L1022556-1:

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

Allen D. Schopbach, President

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

1. A dilution was required to be performed on this sample because of the sample matrix and/or interferences by non-target compounds. The RL's have been adjusted to reflect the dilution.

L1022556-2:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

L1022556-3:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

L1022556-4:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

L1022556-5:
1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Serial Number: 305421

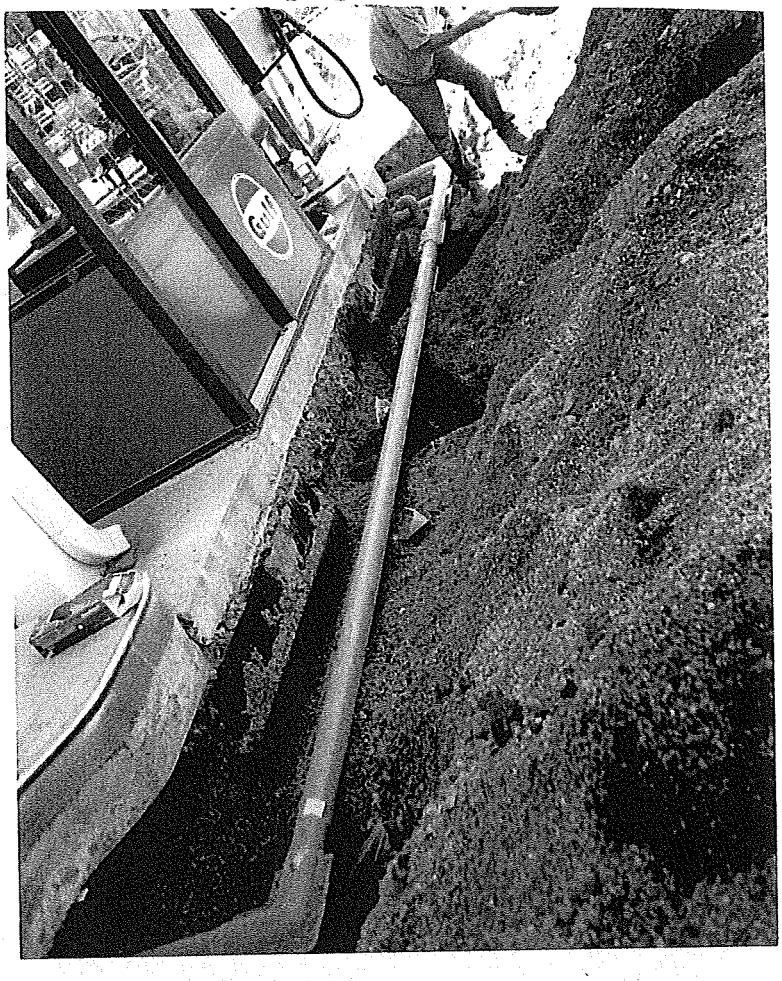
Allen D. Schopbach, President

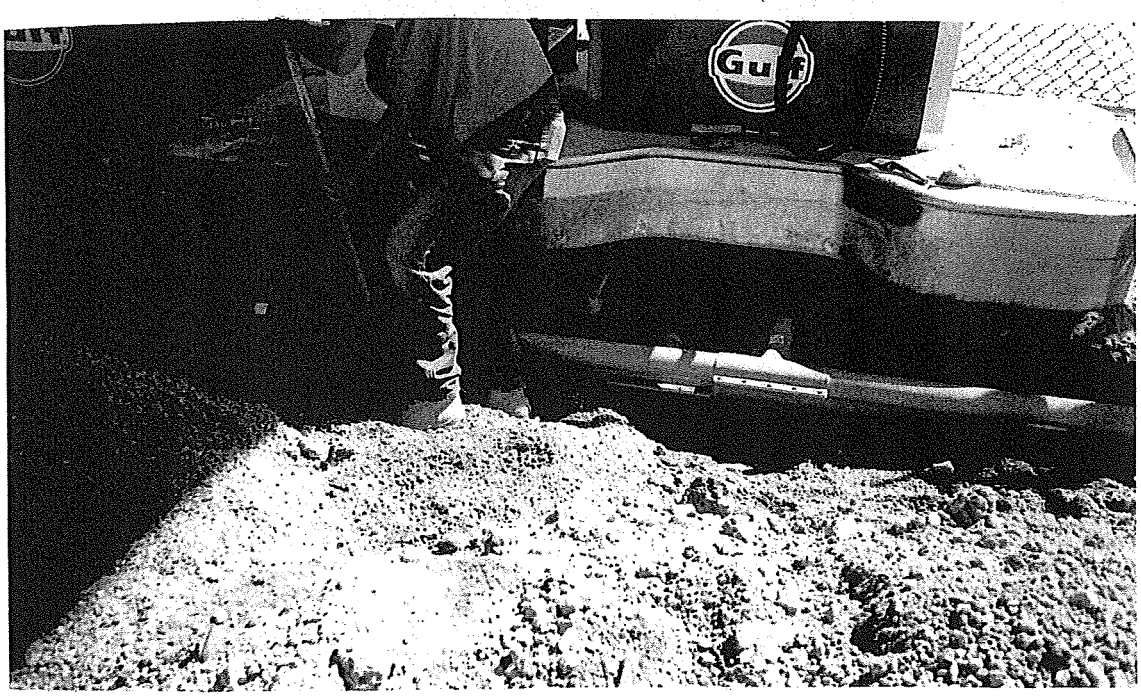
1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

ATTACHMENT 5
Photographs

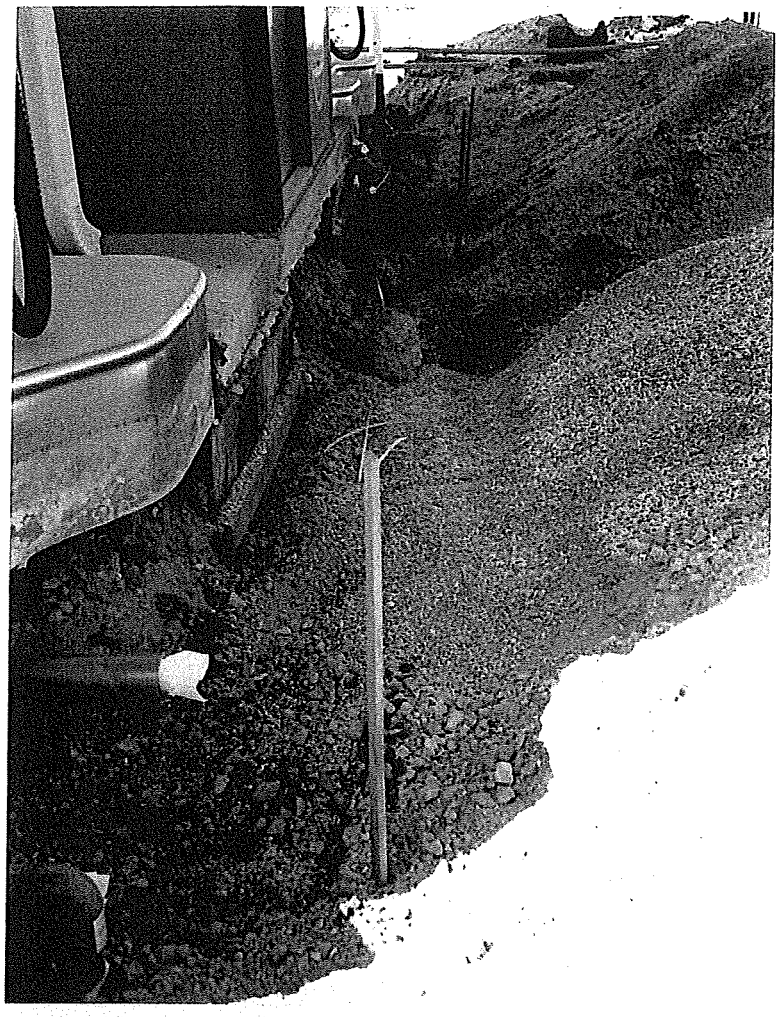
ENVIRONMENTAL MAINTENANCE COMPANY, INC.
1420 E. Mermaid Lane • Glenside, PA 19038 • Phone (215) 233-5141 • Fax (215) 233-8998

Views of Piping Prior to Removal





Views of Former Piping Locations Following Removal



QC Laboratories

ANALYTICAL DATA REPORT PACKAGE

FOR

ENVIRONMENTAL MAINTENANCE - 1 WK TAT

Field Sample ID	Laboratory Sample ID	Date of Collection
N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5)	L1022556-1	04/25/03
130272 NBG PIPE - 2 (14)	L1022556-2	04/25/03
130269 NBG PIPE - 3 (21)	L1022556-3	04/25/03
130271 NBG PIPE - 4 (33)	L1022556-4	04/25/03
130270 NBG PIPE - DUP	L1022556-5	04/25/03
30402 TRIP BLANK	L1022556-6	04/25/03

Certification No.

PADEP No. 09-131
NJDEP No. PA166

Laboratory Director Signature

Thomas J. Hines

Printed Name

Thomas J. Hines

Date

05/14/03

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

TABLE OF CONTENTS

L1022556

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

QC Laboratories

Laboratory Deliverables Check List

	Check if Complete
1. Cover Page, Title Page listing Lab Certification #, facility name and address and date of report	X
2. Table of Contents	X
3. Summary Sheets listing analytical results for all targeted and non-targeted compounds	X
4. Summary Table cross-referencing field ID #'s vs Lab ID #'s	X
5. Document bound, paginated and legible	X
6. Chain of Custody Present	X
7. Methodology Summary	X
8. Laboratory Chronicle and Holding Time Check	X
9. Results submitted on a dry weight basis (if applicable)	X
10. Method Detection Limits	X
11. Lab certified by NJDEP for parameters or appropriate category of parameters or a member of the USEPA CLP	X
12. Non-Conformance Summary	X

QA Review: Michelle Molsky Date: 05/14/03
Printed Name: Michelle M. Molsky

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-1
Sample Description N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5)
Samp. Date/Time/Temp 04/25/03 09:33am NA°F
Sampled by Customer Sampled
Received Temp 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	4650 ug/kg	04/28/03 10:15PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	2250 ug/kg	04/28/03 10:15PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	2250 ug/kg	04/28/03 10:15PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	2110 ug/kg	04/28/03 10:15PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1550 ug/kg	04/28/03 10:15PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	10700 ug/kg	04/28/03 10:15PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	2110 ug/kg	04/28/03 10:15PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	1410 ug/kg	04/28/03 10:15PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1130 ug/kg	04/28/03 10:15PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	4080 ug/kg	04/28/03 10:15PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	2390 ug/kg	04/28/03 10:15PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	21300 ug/kg	04/28/03 10:15PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	8030 ug/kg	04/28/03 10:15PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	5210 ug/kg	04/28/03 10:15PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	986. ug/kg	04/28/03 10:15PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	986. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
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Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=Laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count.
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QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number: L1022556-1
Sample Description: N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5)
Samp. Date/Time/Temp: 04/25/03 09:33am NA°F
Sampled by: Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	4230 ug/kg	04/28/03 10:15PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	1410 ug/kg	04/28/03 10:15PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	1130 ug/kg	04/28/03 10:15PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	282. ug/kg	04/28/03 10:15PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
ETHYL BENZENE	EPA Method 8260	17700 ug/kg DRY	845. ug/kg	04/28/03 10:15PM JFM
M&P-XYLENES	EPA Method 8260	139000 ug/kg DRY	1550 ug/kg	04/28/03 10:15PM JFM
O-XYLENE	EPA Method 8260	17300 ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	1270 ug/kg	04/28/03 10:15PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	423. ug/kg	04/28/03 10:15PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	563. ug/kg	04/28/03 10:15PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	704. ug/kg	04/28/03 10:15PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	76800 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	38800 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	52000 J ug/kg DRY		04/28/03 10:15PM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	36300 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	107000 J ug/kg DRY		04/28/03 10:15PM JFM
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	64200 NJ ug/kg DRY		04/28/03 10:15PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-1
Sample Description N. BRUNSWICK GULF - PIPING, 130268 NBG PIPE - 1 (.5)
Samp. Date/Time/Temp 04/25/03 09:33am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	149000 NJ ug/kg DRY		04/28/03 10:15PM JFM
METHYLPROPYLBENZENE ISOMER	EPA 8260 Library Search	39500 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLDIMETHYLBENZENE ISOMER-1	EPA 8260 Library Search	46800 J ug/kg DRY		04/28/03 10:15PM JFM
ETHYLDIMETHYLBENZENE ISOMER-2	EPA 8260 Library Search	37100 J ug/kg DRY		04/28/03 10:15PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	90.67 %	0.01000 %	04/25/03 03:45PM JS

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. A dilution was required to be performed on this sample because of the sample matrix and/or interferences by non-target compounds. The RL's have been adjusted to reflect the dilution.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

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Allen D. Schopbach, President

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05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number: L1022556-2
Sample Description: 130272 NBG PIPE - 2 (14)
Samp. Date/Time/Temp: 04/25/03 10:00am NA°F
Sampled by: Customer Sampled
Received Temp: 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	500. ug/kg	04/29/03 01:05PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	242. ug/kg	04/29/03 01:05PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	242. ug/kg	04/29/03 01:05PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	227. ug/kg	04/29/03 01:05PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	167. ug/kg	04/29/03 01:05PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1150 ug/kg	04/29/03 01:05PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	227. ug/kg	04/29/03 01:05PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	151. ug/kg	04/29/03 01:05PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 01:05PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	439. ug/kg	04/29/03 01:05PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	257. ug/kg	04/29/03 01:05PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2290 ug/kg	04/29/03 01:05PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	863. ug/kg	04/29/03 01:05PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	560. ug/kg	04/29/03 01:05PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	106. ug/kg	04/29/03 01:05PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	106. ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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Allen D. Schopbach, President

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05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number: L1022556-2
Sample Description: 130272 NBG PIPE - 2 (14)
Samp. Date/Time/Temp: 04/25/03 10:00am NA°F
Sampled by: Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	454. ug/kg	04/29/03 01:05PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	151. ug/kg	04/29/03 01:05PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 01:05PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	30.3 ug/kg	04/29/03 01:05PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
ETHYL BENZENE	EPA Method 8260	135. J ug/kg DRY	90.8 ug/kg	04/29/03 01:05PM JFM
M&P-XYLENES	EPA Method 8260	177. J ug/kg DRY	167. ug/kg	04/29/03 01:05PM JFM
O-XYLENE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	136. ug/kg	04/29/03 01:05PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.4 ug/kg	04/29/03 01:05PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.6 ug/kg	04/29/03 01:05PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	75.7 ug/kg	04/29/03 01:05PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	2300 J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-1	EPA 8260 Library Search	793. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-2	EPA 8260 Library Search	767. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN-3	EPA 8260 Library Search	861. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	768. J ug/kg DRY		04/29/03 01:05PM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	1790 NJ ug/kg DRY		04/29/03 01:05PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=Laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count.
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-2
Sample Description 130272 NBG PIPE - 2 (14)
Samp. Date/Time/Temp 04/25/03 10:00am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN AROMATIC-1	EPA 8260 Library Search	778. J ug/kg DRY		04/29/03 01:05PM JFM
UNKNOWN AROMATIC-2	EPA 8260 Library Search	837. J ug/kg DRY		04/29/03 01:05PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	89.18 %	0.01000 %	04/25/03 03:45PM JS

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=Laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count.
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number: L1022556-3
Sample Description: 130269 NBG PIPE - 3 (21)
Samp. Date/Time/Temp: 04/25/03 10:15am NA°F
Sampled by: Customer Sampled
Received Temp: 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	495. ug/kg	04/28/03 11:28PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	240. ug/kg	04/28/03 11:28PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	240. ug/kg	04/28/03 11:28PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	225. ug/kg	04/28/03 11:28PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	165. ug/kg	04/28/03 11:28PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1140 ug/kg	04/28/03 11:28PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	225. ug/kg	04/28/03 11:28PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	150. ug/kg	04/28/03 11:28PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	120. ug/kg	04/28/03 11:28PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	435. ug/kg	04/28/03 11:28PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	255. ug/kg	04/28/03 11:28PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2270 ug/kg	04/28/03 11:28PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	855. ug/kg	04/28/03 11:28PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	555. ug/kg	04/28/03 11:28PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	105. ug/kg	04/28/03 11:28PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
BENZENE	EPA Method 8260	758 ug/kg DRY	105. ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
P.O. No:
PWSID No:
Inv. No: 504181

Sample Number: L1022556-3
Sample Description: 130269 NBG PIPE - 3 (21)
Samp. Date/Time/Temp: 04/25/03 10:15am NA°F
Sampled by: Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	450. ug/kg	04/28/03 11:28PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	150. ug/kg	04/28/03 11:28PM JFM
TOLUENE	EPA Method 8260	4700 ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	120. ug/kg	04/28/03 11:28PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	30.0 ug/kg	04/28/03 11:28PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
ETHYL BENZENE	EPA Method 8260	3010 ug/kg DRY	90.0 ug/kg	04/28/03 11:28PM JFM
M&P-XYLENES	EPA Method 8260	17000 ug/kg DRY	165. ug/kg	04/28/03 11:28PM JFM
O-XYLENE	EPA Method 8260	5420 ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/28/03 11:28PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	45.0 ug/kg	04/28/03 11:28PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	60.0 ug/kg	04/28/03 11:28PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/28/03 11:28PM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	1080 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	3400 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN	EPA 8260 Library Search	1140 J ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	3560 J ug/kg DRY		04/28/03 11:28PM JFM
BENZENE, PROPYL-	EPA 8260 Library Search	1070 NJ ug/kg DRY		04/28/03 11:28PM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	6250 J ug/kg DRY		04/28/03 11:28PM JFM

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Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-3
Sample Description 130269 NBG PIPE - 3 (21)
Samp. Date/Time/Temp 04/25/03 10:15am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	2650 NJ ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN AROMATIC-1	EPA 8260 Library Search	1710 J ug/kg DRY		04/28/03 11:28PM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	8410 NJ ug/kg DRY		04/28/03 11:28PM JFM
UNKNOWN AROMATIC-2	EPA 8260 Library Search	1290 J ug/kg DRY		04/28/03 11:28PM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	84.63 %	0.01000 %	04/29/03 10:00AM PP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

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Allen D. Schopbach, President

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05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-4
Sample Description 130271 NBG PIPE - 4 (33)
Samp. Date/Time/Temp 04/25/03 10:30am NA°F
Sampled by Customer Sampled
Received Temp 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	483. ug/kg	04/29/03 12:05AM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	234. ug/kg	04/29/03 12:05AM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	234. ug/kg	04/29/03 12:05AM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	220. ug/kg	04/29/03 12:05AM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	161. ug/kg	04/29/03 12:05AM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1110 ug/kg	04/29/03 12:05AM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	220. ug/kg	04/29/03 12:05AM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	146. ug/kg	04/29/03 12:05AM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	117. ug/kg	04/29/03 12:05AM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	424. ug/kg	04/29/03 12:05AM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	249. ug/kg	04/29/03 12:05AM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	417. J ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2210 ug/kg	04/29/03 12:05AM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	834. ug/kg	04/29/03 12:05AM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	542. ug/kg	04/29/03 12:05AM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	102. ug/kg	04/29/03 12:05AM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
BENZENE	EPA Method 8260	2200 ug/kg DRY	102. ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM

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Allen D. Schopbach, President

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05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number L1022556-4
Sample Description 130271 NBG PIPE - 4 (33)
Samp. Date/Time/Temp 04/25/03 10:30am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	439. ug/kg	04/29/03 12:05AM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	146. ug/kg	04/29/03 12:05AM JFM
TOLUENE	EPA Method 8260	18600 ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	117. ug/kg	04/29/03 12:05AM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	29.3 ug/kg	04/29/03 12:05AM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
ETHYL BENZENE	EPA Method 8260	13300 ug/kg DRY	87.8 ug/kg	04/29/03 12:05AM JFM
M&P-XYLENES	EPA Method 8260	45000 ug/kg DRY	161. ug/kg	04/29/03 12:05AM JFM
O-XYLENE	EPA Method 8260	21800 ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	132. ug/kg	04/29/03 12:05AM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	43.9 ug/kg	04/29/03 12:05AM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	58.6 ug/kg	04/29/03 12:05AM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	73.2 ug/kg	04/29/03 12:05AM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	11600 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	11400 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	12300 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	11600 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN	EPA 8260 Library Search	16900 J ug/kg DRY		04/29/03 12:05AM JFM
UNKNOWN ALKANE-5	EPA 8260 Library Search	11200 J ug/kg DRY		04/29/03 12:05AM JFM

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The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=Laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count.
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-4
Sample Description 130271 NBG PIPE - 4 (33)
Samp. Date/Time/Temp 04/25/03 10:30am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN ALKANE-6	EPA 8260 Library Search	8750 J ug/kg DRY		04/29/03 12:05AM JFM
ETHYLMETHYLBENZENE ISOMER	EPA 8260 Library Search	18800 J ug/kg DRY		04/29/03 12:05AM JFM
BENZENE, 1,3,5-TRIMETHYL-	EPA 8260 Library Search	8740 NJ ug/kg DRY		04/29/03 12:05AM JFM
BENZENE, 1,2,4-TRIMETHYL-	EPA 8260 Library Search	20900 NJ ug/kg DRY		04/29/03 12:05AM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	86.08 %	0.01000 %	04/29/03 10:00AM PP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
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Unserialized Copy

Allen D. Schopbach, President

05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number L1022556-5
Sample Description 130270 NBG PIPE - DUP
Samp. Date/Time/Temp 04/25/03 00:00am NA°F
Sampled by Customer Sampled
Received Temp 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	444. ug/kg	04/29/03 12:41AM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	215. ug/kg	04/29/03 12:41AM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	215. ug/kg	04/29/03 12:41AM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	202. ug/kg	04/29/03 12:41AM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	148. ug/kg	04/29/03 12:41AM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	1020 ug/kg	04/29/03 12:41AM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	202. ug/kg	04/29/03 12:41AM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/29/03 12:41AM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	108. ug/kg	04/29/03 12:41AM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	390. ug/kg	04/29/03 12:41AM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	229. ug/kg	04/29/03 12:41AM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	2030 ug/kg	04/29/03 12:41AM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	767. ug/kg	04/29/03 12:41AM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	498. ug/kg	04/29/03 12:41AM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	94.2 ug/kg	04/29/03 12:41AM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
BENZENE	EPA Method 8260	626. J ug/kg DRY	94.2 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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Unserialized Copy

Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number L1022556-5
Sample Description 130270 NBG PIPE - DUP
Samp. Date/Time/Temp 04/25/03 00:00am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	404. ug/kg	04/29/03 12:41AM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	135. ug/kg	04/29/03 12:41AM JFM
TOLUENE	EPA Method 8260	320. J ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	108. ug/kg	04/29/03 12:41AM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	26.9 ug/kg	04/29/03 12:41AM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
ETHYL BENZENE	EPA Method 8260	11800 ug/kg DRY	80.8 ug/kg	04/29/03 12:41AM JFM
M&P-XYLENES	EPA Method 8260	46300 ug/kg DRY	148. ug/kg	04/29/03 12:41AM JFM
O-XYLENE	EPA Method 8260	11200 ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	121. ug/kg	04/29/03 12:41AM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	40.4 ug/kg	04/29/03 12:41AM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	53.8 ug/kg	04/29/03 12:41AM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	67.3 ug/kg	04/29/03 12:41AM JFM
UNKNOWN ALKANE-1	EPA 8260 Library Search	31500 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-2	EPA 8260 Library Search	30300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-3	EPA 8260 Library Search	15300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN	EPA 8260 Library Search	15100 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-4	EPA 8260 Library Search	12800 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-5	EPA 8260 Library Search	16200 J ug/kg DRY		04/29/03 12:41AM JFM

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Unserialized Copy

Allen D. Schopbach, President

05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-5
Sample Description 130270 NBG PIPE - DUP
Samp. Date/Time/Temp 04/25/03 00:00am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
UNKNOWN ALKANE-6	EPA 8260 Library Search	41100 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-7	EPA 8260 Library Search	28300 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-8	EPA 8260 Library Search	13600 J ug/kg DRY		04/29/03 12:41AM JFM
UNKNOWN ALKANE-9	EPA 8260 Library Search	18200 J ug/kg DRY		04/29/03 12:41AM JFM
TOTAL SOLIDS PERCENT	STD Methods 18th Ed. 2540G	92.12 %	0.01000 %	04/29/03 10:00AM PP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

1. QUALIFIERS:"B"is when the compound is found in the blank as well as in the sample;"J"indicates a value that is > than the MDL but < than the lowest standard,it is also used to indicate that a compound is tentatively identified in a library search; "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound.

2. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
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Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT
Project No: AWO225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT

P.O. No:
PWSID No:

Inv. No: 504181

Sample Number L1022556-6
Sample Description 30402 TRIP BLANK
Samp. Date/Time/Temp 04/25/03 00:00am NA°F
Sampled by Customer Sampled
Received Temp 51°F Iced (Y/N): Y

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	413. ug/kg	04/29/03 12:29PM JFM
VINYL CHLORIDE	EPA Method 8260	ND ug/kg DRY	200. ug/kg	04/29/03 12:29PM JFM
BROMOMETHANE	EPA Method 8260	ND ug/kg DRY	200. ug/kg	04/29/03 12:29PM JFM
CHLOROETHANE	EPA Method 8260	ND ug/kg DRY	188. ug/kg	04/29/03 12:29PM JFM
1,1-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	138. ug/kg	04/29/03 12:29PM JFM
ACETONE	EPA Method 8260	ND ug/kg DRY	950. ug/kg	04/29/03 12:29PM JFM
CARBON DISULFIDE	EPA Method 8260	ND ug/kg DRY	188. ug/kg	04/29/03 12:29PM JFM
METHYLENE CHLORIDE	EPA Method 8260	ND ug/kg DRY	125. ug/kg	04/29/03 12:29PM JFM
TRANS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	100. ug/kg	04/29/03 12:29PM JFM
ACROLEIN	EPA Method 8260	ND ug/kg DRY	363. ug/kg	04/29/03 12:29PM JFM
ACRYLONITRILE	EPA Method 8260	ND ug/kg DRY	213. ug/kg	04/29/03 12:29PM JFM
1,1-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
METHYL TERTIARY BUTYL ETHER	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
TERTIARY BUTYL ALCOHOL	EPA Method 8260	ND ug/kg DRY	1890 ug/kg	04/29/03 12:29PM JFM
VINYL ACETATE	EPA Method 8260	ND ug/kg DRY	713. ug/kg	04/29/03 12:29PM JFM
CIS-1,2-DICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
2-BUTANONE	EPA Method 8260	ND ug/kg DRY	463. ug/kg	04/29/03 12:29PM JFM
CHLOROFORM	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
1,1,1-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	87.5 ug/kg	04/29/03 12:29PM JFM
CARBON TETRACHLORIDE	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
BENZENE	EPA Method 8260	ND ug/kg DRY	87.5 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
TRICHLOROETHENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROPROPANE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
BROMODICHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
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Allen D. Schopbach, President

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05/14/03 09:34am

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

Sample Number L1022556-6
Sample Description 30402 TRIP BLANK
Samp. Date/Time/Temp 04/25/03 00:00am NA°F
Sampled by Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
2-CHLOROETHYL VINYL ETHER	EPA Method 8260	ND ug/kg DRY	375. ug/kg	04/29/03 12:29PM JFM
CIS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
4-METHYL-2-PENTANONE	EPA Method 8260	ND ug/kg DRY	125. ug/kg	04/29/03 12:29PM JFM
TOLUENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
TRANS-1,3-DICHLOROPROPENE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
1,1,2-TRICHLOROETHANE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
TETRACHLOROETHENE	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
2-HEXANONE	EPA Method 8260	ND ug/kg DRY	100. ug/kg	04/29/03 12:29PM JFM
DIBROMOCHLOROMETHANE	EPA Method 8260	ND ug/kg DRY	25.0 ug/kg	04/29/03 12:29PM JFM
CHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
ETHYL BENZENE	EPA Method 8260	ND ug/kg DRY	75.0 ug/kg	04/29/03 12:29PM JFM
M&P-XYLENES	EPA Method 8260	ND ug/kg DRY	138. ug/kg	04/29/03 12:29PM JFM
O-XYLENE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
STYRENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
BROMOFORM	EPA Method 8260	ND ug/kg DRY	113. ug/kg	04/29/03 12:29PM JFM
1,1,2,2-TETRACHLOROETHANE	EPA Method 8260	ND ug/kg DRY	37.5 ug/kg	04/29/03 12:29PM JFM
1,3-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
1,4-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	50.0 ug/kg	04/29/03 12:29PM JFM
1,2-DICHLOROBENZENE	EPA Method 8260	ND ug/kg DRY	62.5 ug/kg	04/29/03 12:29PM JFM
NONE FOUND	EPA 8260 Library Search	ND ug/kg		04/29/03 12:29PM JFM

3. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

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Allen D. Schopbach, President

ACCREDITED IN ACCORDANCE WITH nelac
05/14/03 09:34am

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Regarding:

CHARLES MCGUTH
ENVIRONMENTAL MAINTENANCE CO., INC.
1420 EAST MERMAID LANE
GLENSIDE, PA 19038

Account No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT P.O. No: Inv. No: 504181
Project No: AW0225, ENVIRONMENTAL MAINTENANCE - 1 WK TAT PWSID No:

4. Pursuant to NJAC 7:26, Appendix A, 1(E), unless otherwise noted, all sample holding times and preservation requirements were met.

A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
All analysis, except field tests are conducted in Southampton,PA unless otherwise identified.
The test"pH lab"is analyzed upon receipt in the laboratory, the result will not be suitable for regulatory purposes.
Actual times of analysis for parameters reported <30 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted.
Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLs=Laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count.
A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
QC Inc's laboratory certification ID's are: Southampton (NELAP) PADER 09-131,NJDEP PA166. NON-NELAP labs: Wind Gap-NJ PA001, Alltest-NJ 02015, Vineland-NJ 06005;PA 68-580.
All samples are collected as "grab" samples unless otherwise identified.

Unserialized Copy

Allen D. Schopbach, President

VOLATILE GC/MS CONFORMANCE/NON-CONFORMANCE SUMMARY

Project Login Number: L1022556-1-6

	N	Y
1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks)		X
2. BFB Tune Specifications Met		X
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 500 and 8000 series.		X
4. GC/MS Initial Calibration Requirements		X
5. GC/MS Continuing Calibration Requirements		X
6. Blank Contamination - If yes, list blank identification number(s) where contamination appears.	X	
7 Surrogate Recoveries Meet Criteria	X	

Surrogate dibromofluoromethane does not meet recovery criteria due to dilution.

8. Matrix Spike /Matrix Spike Duplicate Recoveries Meet Criteria (If appliciable)		X
9. Internal Standards/Retention Time Shift Areas Meet Criteria		X
10. Analysis Holding Times Met		X

If not met, list each sample and the number of days exceeded.

11. Additional Comments Including Method Modifications:

Package Prepared By: _____ Date 5/1/03

Printed Name: James Monaghan

GENERAL CHEMISTRY AND PHC ANALYSIS CONFORMANCE / NON-CONFORMANCE SUMMARY

Project Login Number: L1022556

	N	Y
1. Blank Contamination	☒	☐

If Yes, list analyte where contamination appears.

2. Matrix Spike / Matrix Spike Duplicate Recoveries meet criteria	☐	☒

If Not, list MS / MSD Recovery Summary page reference.

3. IR Spectra submitted for all standards , blanks and samples	___	___

4. Analysis Holding Time Met	☐	☒

If Not, list each sample and the number of days exceeded.

Additional Comments Including Method Modifications.

Prepared By : Dan Flannery DF Date: 5-7-03

Reviewed By: MLA Date: 5/8/03

AW0225

QC Laboratories
1205 Industrial Blvd.
Southampton, PA 18966-0514
Phone: 215-355-3900
Fax: 215-355-7231

CHAIN OF CUSTODY

Page 1 of 1

Lab LIMS No: L1022556

Client/Acct. No. Environmental Maintenance
Address 1420 E. Mermaid Ln.
City/State/Zip Glenside PA 19038
Phone/Fax (215) 233-5141/8998
Client Contact C. McGrath

Bill to/Report to: (if different) Same
Sampling Site Address: (if different) N. Brunswick Gulf - Piping
P.O. No.
QC Contact

LAB USE ONLY:
___ Ascorbic/HCl Vials # ___ HCl Vials
___ $Na_2S_2O_3$
___ Na OH/Zn acetate pH
___ HNO_3 pH
___ H_2SO_4 pH
___ NaOH pH
___ Unpreserved 4-vojars 5 glvials 5 meek jars
___ Hcl pH
___ Temp control 5 / BAT ID# 1001-405

MATRIX CODES
DW: DRINKING WATER
GW: GROUND WATER
WW: WASTEWATER
SO: SOIL
SL: SLUDGE
OIL: OIL
SOL: NON SOIL SOLID
MISCELLANEOUS
X: OTHER

Field pH, Temp (C or F), DO, Cl_2, S. Cond. etc.

PROJECT

FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	Unpre	Bact	ANALYSIS REQUESTED
NBG Pipe-1 (5)	4/25/03	0933	X		SO	2									VO + 10
NBG Pipe-2 (14)	4/25/03	1000	X		SO	2									↓
NBG Pipe-3 (21)	4/25/03	1015	X		SO	2									↓
NBG Pipe-4 (33)	4/25/03	1030	X		SO	2									↓
NBG Pipe-Dup	4/25/03	—	X		SO	2									↓
Trip Blank	4/25/03	—													↓

DELIVERED TO OFFICE BY CUSTOMER

SAMPLED BY: (Name/Company) Charlie McGrath, Env. Maintenance

Verbal/fax data due: ___/___/___
Hardcopy due: ___/___/___

Report Format: ☐ Standard ☐ Forms ☐ Standard + QC ☒ NJ Reduced ☒ Disk

Please call for pricing and availability on rush (<14-21 day) turnaround and on all but standard format.

Field Parameters Analyzed By:
Sig: Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600)

	DATE	TIME		DATE	TIME
RELINQUISHED BY SAMPLER 1 [signature]	4/25/03	13:00	RECEIVED BY B. Assenza	4/25/03	13:00
RELINQUISHED BY 2 B. Assenza	4/25/03	1300	RECEIVED BY 2 K. Daugherty	4/25/03	1300
RELINQUISHED BY 3			RECEIVED BY 3		
RELINQUISHED BY 4			RECEIVED BY 4		
RELINQUISHED BY 5			RECEIVED BY 5		

DELIVERY METHOD: ☐ QC COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER

Custody Seal Number

COMMENTS:

Hazardous: yes / no

For example to aid completion, see reverse side.

FINAL REPORT

Bottle Chain of Custody
Login Number L1022556

Bottle ID	Client	ProjNum	ActionDate	Relinquished By Dept- Name	Received By Dept- Name	SampleDate	New Sample Loc.	Bottle Type
L1022556-1-B	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:33:45	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-1-C	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:44	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-1-D	ENVIRONMENTAL MAINTENANCE	AWO225	04/28/03 06:50:32	LI - Secure refrig,login	VM - Vita Banko	04/25/03	GC/GCMS Volatil	METHANOL
L1022556-2-B	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:33:48	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-2-C	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:55	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-2-D	ENVIRONMENTAL MAINTENANCE	AWO225	04/28/03 06:50:38	LI - Secure refrig,login	VM - Vita Banko	04/25/03	GC/GCMS Volatil	METHANOL
L1022556-3-B	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:41	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-3-C	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:58	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-3-D	ENVIRONMENTAL MAINTENANCE	AWO225	04/28/03 06:50:43	LI - Secure refrig,login	VM - Vita Banko	04/25/03	GC/GCMS Volatil	METHANOL
L1022556-4-B	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:39	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-4-C	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:42:02	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-4-D	ENVIRONMENTAL MAINTENANCE	AWO225	04/28/03 06:50:46	LI - Secure refrig,login	VM - Vita Banko	04/25/03	GC/GCMS Volatil	METHANOL
L1022556-5-B	ENVIRONMENTAL MAINTENANCE	AWO225	04/25/03 15:41:50	LI - Erin M. Dougherty	WC - Steve D. Beccari	04/25/03	Wet Chemistry L	UNPRESERVED
L1022556-5-C	ENVIRONMENTAL MAINTENANCE	AWO225	04/28/03 06:50:50	LI - Secure refrig,login	VM - Vita Banko	04/25/03	GC/GCMS Volatil	METHANOL
L1022556-6 E			04/28/03 06:51:15	LI - Secure refrig,login	VM - Vita Banko		GC/GCMS Volatil	METHANOL

Legend for Department Codes:
AG-Ag Chemistry BIO-Bioassay DC-Dairy Chemistry DM-Dairy Micro FC-Food Chemistry FLD-Environmental Field Services FM-Food Micro LC-Liquid chemistry LI-Login MA-Metal Analysis MP-Metal Preparation MS-GC/MS OC-Pesticide Chemistry OP-Org. Preparation PHAR-Pharmaceutical Dept SC-Subcontract VM-VOC-GCMS VMV-GCMS-VOC'S VINELAND VO-VOC Chromatography WC-Wet Chemistry WM-Water micro

Page 1 of 1 L1022556

QC Inc.

Field Extraction / Preservation of Soil Samples with Methanol

Chain of Custody

Customer Env. Maintenance

Site N. Brunswick Golf

BottleNum	Initial Weight	Prep Date	Method	# of Bottles	Client Sample ID	Sample Wt(g)	Initials	Date/Time
130268	113.08	4/21/03	8260	2	NBG Pipe-1			
130269	112.44	4/21/03	8260	2	NBG Pipe-3			
130270	112.61	4/21/03	8260	2	NBG Pipe-Dup			
130271	112.77	4/21/03	8260	2	NBG Pipe-4	~~0.3~~		
130272	112.57	4/21/03	8260	2	~~NBG Pipe-2~~ Trip Blank			4-21-03 1330

Note: Sample added must weigh between 8.0 & 12.0 grams. Samples that weigh < or > this range may be rejected

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

Relinquished by: _____ Received by: K Langlois Date/Time 4 25 03 : 1300

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

000024

Page 1 of 1 L1022559

QC Inc.

Field Extraction / Preservation of Soil Samples with Methanol

Chain of Custody

Customer Env Maintenance

Site N. Brunswick GWF

BottleNum	Initial Weight	Prep Date	Method	# of Bottles	Client Sample ID	Sample Wt(g)	Initials	Date/Time
30402	113.87	4/24/03	~~8010~~ 8260	2	Trip Blank			

Note: Sample added must weigh between 8.0 & 12.0 grams. Samples that weigh < or > this range may be rejected

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

Relinquished by: _____ Received by: _____ Date/Time 4/25/03 1300

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

Relinquished by: _____ Received by: _____ Date/Time ____/____/____:____

000025

Qc Inc

Field Extraction / Preservation of Soil Samples with Methanol
Final Weights

Customer Environmental Maintenance

Site N. Brunswick L 1022556

BottleNum	Initial Weight	inal Weight	Difference	Method	Prep Date	Field Date	FinalDate
130268 -1	113.0806	122.8730	9.79	8260	4/21/03	4/21/03	4/25/03
130269 -3	112.4402	122.3150	9.87	8260	4/21/03	4/21/03	4/25/03
130270 -5	112.6081	122.7300	10.12	8260	4/21/03	4/21/03	4/25/03
130271 -4	112.7669	122.7150	9.95	8260	4/21/03	4/21/03	4/25/03
130272 -2	112.5682	121.8600	9.29	8260	4/21/03	4/21/03	4/25/03

QC Laboratories

Terminology Summary For Organic Analysis

Qualifiers (Q) - Present on Sample Analysis Data Sheet

B - This flag is used when the compound is found in the associated blank as well as in the sample. It indicates possible laboratory contamination.

E - This flag identifies compounds whose concentrations exceed the range of calibration of the instrument.

J - Indicates a value that is greater than the MDL but lower than the lowest standard, it is also used to indicate that a compound is tentatively identified in a library search.

U - Indicates that compound was analyzed for but not detected; i.e. undetected.

N - Indicates presumptive evidence of a tentatively identified compound.

Definitions

Internal Standards - Pure analyses added to every sample (sample extract for semivolatile analysis), blank, and standard at known concentrations prior to analysis for the purpose of measuring relative responses of the method target compounds.

Method Detection Limit (MDL) - The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

Method Blank - An analytical control containing all the reagents in the same amounts as used in processing samples. The method blank is carried through the complete sample preparation and analytical process. The method blank is used to define the level of laboratory background.

Surrogate Standards - A pure analyte that is added to a sample, blank, and standard in known amounts before sample preparation / analysis and is measured with the same procedure used to measure other sample components. The purpose of a surrogate analyte is to monitor method performance with each sample.

1205 Industrial Blvd., P.O. Box 514, Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231

GC/MS VOLATILE ORGANICS RESULTS AND DATA PACKAGE

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-1

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL
Lab Sample ID: L1022556-1

Sample wt/vol: 9.790 (g/mL) G
Lab File ID: L17894.D

Level: (low/med) MED
Date Received: 4/25/03

% Moisture: not dec. 9
Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm)
Dilution Factor: 1277.0

Soil Extract Volume: 25000 (uL)
Soil Aliquot Volume: 10 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	4650		UD
75-01-4	Vinyl Chloride	2250		UD
74-83-9	Bromomethane	2250		UD
75-00-3	Chloroethane	2110		UD
107-13-1	Acrylonitrile	2390		UD
107-02-8	Acrolein	4080		UD
75-15-0	Carbon Disulfide	2110		UD
75-35-4	1,1-Dichloroethene	1550		UD
67-64-1	Acetone	10700		UD
75-09-2	Methylene Chloride	1410		UD
156-60-5	trans-1,2-Dichloroethene	1130		UD
540-59-0	cis-1,2-Dichloroethene	563		UD
1634-04-4	Methyl Tertiary Butyl Ether	845		UD
75-65-0	Tertiary Butyl Alcohol	21300		UD
75-34-4	1,1-Dichloroethane	704		UD
108-05-4	Vinyl Acetate	8030		UD
78-93-3	2-Butanone	5210		UD
67-66-3	Chloroform	704		UD
75-55-6	1,1,1-Trichloroethane	986		UD
56-23-5	Carbon Tetrachloride	1270		UD
71-43-2	Benzene	986		UD
107-06-2	1,2-Dichloroethane	423		UD
79-01-6	Trichloroethene	845		UD
78-87-5	1,2-Dichloropropane	845		UD
75-27-4	Bromodichloromethane	704		UD
110-75-8	2-Chloroethyl Vinyl Ether	4230		UD
10061-01-5	cis-1,3-Dichloropropene	563		UD
108-88-3	Toluene	845		UD
108-10-1	4-Methyl-2-Pentanone	1410		UD
10061-02-6	trans-1,3-Dichloropropene	423		UD
79-00-5	1,1,2-Trichloroethane	563		UD
127-18-4	Tetrachloroethene	1270		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-1

Lab Name: QC INC. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-1

Sample wt/vol: 9.790 (g/mL) G Lab File ID: L17894.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 9 Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1277.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 10 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
591-78-6	2-Hexanone	1130		UD
124-48-1	Dibromochloromethane	282		UD
108-90-7	Chlorobenzene	563		UD
100-41-4	Ethylbenzene	845	17700	D
108-38-3	m&p Xylenes	1550	139000	D
95-47-6	o-Xylene	704	17300	D
100-42-5	Styrene	563		UD
75-25-2	Bromoform	1270		UD
79-34-5	1,1,2,2-Tetrachloroethane	423		UD
541-73-1	1,3-Dichlorobenzene	563		UD
106-46-7	1,4-Dichlorobenzene	563		UD
95-50-1	1,2-Dichlorobenzene	704		UD

U - Indicates Compound is not Detected
B - Indicates Compound is Present in the Blank
J - Indicates Compound is Estimated Above MDL but Below the Low Standard
E - Indicates that the Result is Estimated because it is Above Calibration Range
D - Indicates the Result is from Dilution

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. **PIPE-1**

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-1

Sample wt/vol: 9.8 (g/mL) G Lab File ID: L17894.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 9.33 Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1277.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 10 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Alkane	7.92	76800	J
2.	Unknown Alkane	9.91	38800	J
3.	Unknown Alkane	12.91	52000	J
4.	Unknown Alkane	13.13	36300	J
5.	Ethylmethylbenzene Isomer	16.52	107000	J
6. 108-67-8	Benzene, 1,3,5-trimethyl-	16.63	64200	NJ
7. 95-63-6	Benzene, 1,2,4-trimethyl-	17.32	149000	NJ
8.	Methylpropylbenzene Isomer	18.51	39500	J
9.	Ethyldimethylbenzene Isomer	18.66	46800	J
10.	Ethyldimethylbenzene Isomer	19.37	37100	J
11.				
12.				
13.				
14.				
15.				
16.				
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29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-2

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL
Lab Sample ID: L1022556-2

Sample wt/vol: 9.290 (g/mL) G
Lab File ID: L17910.D

Level: (low/med) MED
Date Received: 4/25/03

% Moisture: not dec. 11
Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm)
Dilution Factor: 135.0

Soil Extract Volume: 25000 (uL)
Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound	PQL		Q
74-87-3	Chloromethane	500		UD
75-01-4	Vinyl Chloride	242		UD
74-83-9	Bromomethane	242		UD
75-00-3	Chloroethane	227		UD
107-13-1	Acrylonitrile	257		UD
107-02-8	Acrolein	439		UD
75-15-0	Carbon Disulfide	227		UD
75-35-4	1,1-Dichloroethene	167		UD
67-64-1	Acetone	1150		UD
75-09-2	Methylene Chloride	151		UD
156-60-5	trans-1,2-Dichloroethene	121		UD
540-59-0	cis-1,2-Dichloroethene	60.6		UD
1634-04-4	Methyl Tertiary Butyl Ether	90.8		UD
75-65-0	Tertiary Butyl Alcohol	2290		UD
75-34-4	1,1-Dichloroethane	75.7		UD
108-05-4	Vinyl Acetate	863		UD
78-93-3	2-Butanone	560		UD
67-66-3	Chloroform	75.7		UD
75-55-6	1,1,1-Trichloroethane	106		UD
56-23-5	Carbon Tetrachloride	136		UD
71-43-2	Benzene	106		UD
107-06-2	1,2-Dichloroethane	45.4		UD
79-01-6	Trichloroethene	90.8		UD
78-87-5	1,2-Dichloropropane	90.8		UD
75-27-4	Bromodichloromethane	75.7		UD
110-75-8	2-Chloroethyl Vinyl Ether	454		UD
10061-01-5	cis-1,3-Dichloropropene	60.6		UD
108-88-3	Toluene	90.8		UD
108-10-1	4-Methyl-2-Pentanone	151		UD
10061-02-6	trans-1,3-Dichloropropene	45.4		UD
79-00-5	1,1,2-Trichloroethane	60.6		UD
127-18-4	Tetrachloroethene	136		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-2

Lab Name: QC INC. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-2

Sample wt/vol: 9.290 (g/mL) G Lab File ID: L17910.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 11 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 135.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
591-78-6	2-Hexanone	121		UD
124-48-1	Dibromochloromethane	30.3		UD
108-90-7	Chlorobenzene	60.6		UD
100-41-4	Ethylbenzene	90.8	135	JD
108-38-3	m&p Xylenes	167	177	JD
95-47-6	o-Xylene	75.7		UD
100-42-5	Styrene	60.6		UD
75-25-2	Bromoform	136		UD
79-34-5	1,1,2,2-Tetrachloroethane	45.4		UD
541-73-1	1,3-Dichlorobenzene	60.6		UD
106-46-7	1,4-Dichlorobenzene	60.6		UD
95-50-1	1,2-Dichlorobenzene	75.7		UD

U - Indicates Compound is not Detected
B - Indicates Compound is Present in the Blank
J - Indicates Compound is Estimated Above MDL but Below the Low Standard
E - Indicates that the Result is Estimated because it is Above Calibration Range
D - Indicates the Result is from Dilution

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. **PIPE-2**

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-2

Sample wt/vol: 9.3 (g/mL) G Lab File ID: L17910.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 10.82 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 135.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 9 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Alkane	7.90	2300	J
2.	Unknown	9.90	793	J
3.	Unknown	10.12	767	J
4.	Unknown	12.91	861	J
5.	Unknown Alkane	13.13	768	J
6. 95-63-6	Benzene, 1,2,4-trimethyl-	17.32	1790	NJ
7.	Unknown Aromatic	18.65	778	J
8.	Unknown Aromatic	19.37	837	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-3

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL
Lab Sample ID: L1022556-3

Sample wt/vol: 9.870 (g/mL) G
Lab File ID: L17896.D

Level: (low/med) MED
Date Received: 4/25/03

% Moisture: not dec. 15
Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm)
Dilution Factor: 127.0

Soil Extract Volume: 25000 (uL)
Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	495		UD
75-01-4	Vinyl Chloride	240		UD
74-83-9	Bromomethane	240		UD
75-00-3	Chloroethane	225		UD
107-13-1	Acrylonitrile	255		UD
107-02-8	Acrolein	435		UD
75-15-0	Carbon Disulfide	225		UD
75-35-4	1,1-Dichloroethene	165		UD
67-64-1	Acetone	1140		UD
75-09-2	Methylene Chloride	150		UD
156-60-5	trans-1,2-Dichloroethene	120		UD
540-59-0	cis-1,2-Dichloroethene	60.0		UD
1634-04-4	Methyl Tertiary Butyl Ether	90.0		UD
75-65-0	Tertiary Butyl Alcohol	2270		UD
75-34-4	1,1-Dichloroethane	75.0		UD
108-05-4	Vinyl Acetate	855		UD
78-93-3	2-Butanone	555		UD
67-66-3	Chloroform	75.0		UD
75-55-6	1,1,1-Trichloroethane	105		UD
56-23-5	Carbon Tetrachloride	135		UD
71-43-2	Benzene	105	758	D
107-06-2	1,2-Dichloroethane	45.0		UD
79-01-6	Trichloroethene	90.0		UD
78-87-5	1,2-Dichloropropane	90.0		UD
75-27-4	Bromodichloromethane	75.0		UD
110-75-8	2-Chloroethyl Vinyl Ether	450		UD
10061-01-5	cis-1,3-Dichloropropene	60.0		UD
108-88-3	Toluene	90.0	4700	D
108-10-1	4-Methyl-2-Pentanone	150		UD
10061-02-6	trans-1,3-Dichloropropene	45.0		UD
79-00-5	1,1,2-Trichloroethane	60.0		UD
127-18-4	Tetrachloroethene	135		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-3

Lab Name: QC INC. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-3

Sample wt/vol: 9.870 (g/mL) G Lab File ID: L17896.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 15 Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 127.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound	PQL		Q
591-78-6	2-Hexanone	120		UD
124-48-1	Dibromochloromethane	30.0		UD
108-90-7	Chlorobenzene	60.0		UD
100-41-4	Ethylbenzene	90.0	3010	D
108-38-3	m&p Xylenes	165	17000	D
95-47-6	o-Xylene	75.0	5420	D
100-42-5	Styrene	60.0		UD
75-25-2	Bromoform	135		UD
79-34-5	1,1,2,2-Tetrachloroethane	45.0		UD
541-73-1	1,3-Dichlorobenzene	60.0		UD
106-46-7	1,4-Dichlorobenzene	60.0		UD
95-50-1	1,2-Dichlorobenzene	75.0		UD

U - Indicates Compound is not Detected
B - Indicates Compound is Present in the Blank
J - Indicates Compound is Estimated Above MDL but Below the Low Standard
E - Indicates that the Result is Estimated because it is Above Calibration Range
D - Indicates the Result is from Dilution

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. 000043

PIPE-3

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL

Lab Sample ID: L1022556-3

Sample wt/vol: 9.9 (g/mL) G

Lab File ID: L17896.D

Level: (low/med) MED

Date Received: 4/25/03

% Moisture: not dec. 15.37

Date Analyzed: 4/28/03

GC Column: RTX-624 ID: 0.18 (mm)

Dilution Factor: 127.0

Soil Extract Volume: 25000 (uL)

Soil Aliquot Volume: 100 (uL)

Number TICs found: 10

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Alkane	2.80	1080	J
2.	Unknown Alkane	4.56	3400	J
3.	Unknown	6.61	1140	J
4.	Unknown Alkane	7.91	3560	J
5. 103-65-1	Benzene, propyl-	16.34	1070	NJ
6.	Ethylmethylbenzene Isomer	16.52	6250	J
7. 108-67-8	Benzene, 1,3,5-trimethyl-	16.63	2650	NJ
8.	Unknown Aromatic	17.07	1710	J
9. 95-63-6	Benzene, 1,2,4-trimethyl-	17.32	8410	NJ
10.	Unknown Aromatic	18.73	1290	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
PIPE-4

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-4

Sample wt/vol: 9.950 (g/mL) G Lab File ID: L17897.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 14 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 126.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	483		UD
75-01-4	Vinyl Chloride	234		UD
74-83-9	Bromomethane	234		UD
75-00-3	Chloroethane	220		UD
107-13-1	Acrylonitrile	249		UD
107-02-8	Acrolein	424		UD
75-15-0	Carbon Disulfide	220		UD
75-35-4	1,1-Dichloroethene	161		UD
67-64-1	Acetone	1110		UD
75-09-2	Methylene Chloride	146		UD
156-60-5	trans-1,2-Dichloroethene	117		UD
540-59-0	cis-1,2-Dichloroethene	58.6		UD
1634-04-4	Methyl Tertiary Butyl Ether	87.8	417	JD
75-65-0	Tertiary Butyl Alcohol	2210		UD
75-34-4	1,1-Dichloroethane	73.2		UD
108-05-4	Vinyl Acetate	834		UD
78-93-3	2-Butanone	542		UD
67-66-3	Chloroform	73.2		UD
75-55-6	1,1,1-Trichloroethane	102		UD
56-23-5	Carbon Tetrachloride	132		UD
71-43-2	Benzene	102	2200	D
107-06-2	1,2-Dichloroethane	43.9		UD
79-01-6	Trichloroethene	87.8		UD
78-87-5	1,2-Dichloropropane	87.8		UD
75-27-4	Bromodichloromethane	73.2		UD
110-75-8	2-Chloroethyl Vinyl Ether	439		UD
10061-01-5	cis-1,3-Dichloropropene	58.6		UD
108-88-3	Toluene	87.8	18600	D
108-10-1	4-Methyl-2-Pentanone	146		UD
10061-02-6	trans-1,3-Dichloropropene	43.9		UD
79-00-5	1,1,2-Trichloroethane	58.6		UD
127-18-4	Tetrachloroethene	132		UD

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PIPE-4

Lab Name: QC INC. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-4

Sample wt/vol: 9.950 (g/mL) G Lab File ID: L17897.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 14 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 126.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
591-78-6	2-Hexanone	117		UD
124-48-1	Dibromochloromethane	29.3		UD
108-90-7	Chlorobenzene	58.6		UD
100-41-4	Ethylbenzene	87.8	13300	D
108-38-3	m&p Xylenes	161	45000	D
95-47-6	o-Xylene	73.2	21800	D
100-42-5	Styrene	58.6		UD
75-25-2	Bromoform	132		UD
79-34-5	1,1,2,2-Tetrachloroethane	43.9		UD
541-73-1	1,3-Dichlorobenzene	58.6		UD
106-46-7	1,4-Dichlorobenzene	58.6		UD
95-50-1	1,2-Dichlorobenzene	73.2		UD

U - Indicates Compound is not Detected
B - Indicates Compound is Present in the Blank
J - Indicates Compound is Estimated Above MDL but Below the Low Standard
E - Indicates that the Result is Estimated because it is Above Calibration Range
D - Indicates the Result is from Dilution

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO. 000048

PIPE-4

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL

Lab Sample ID: L1022556-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: L17897.D

Level: (low/med) MED

Date Received: 4/25/03

% Moisture: not dec. 13.92

Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm)

Dilution Factor: 126.0

Soil Extract Volume: 25000 (uL)

Soil Aliquot Volume: 100 (uL)

Number TICs found: 10

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Alkane	7.92	11600	J
2.	Unknown Alkane	9.91	11400	J
3.	Unknown Alkane	10.14	12300	J
4.	Unknown Alkane	10.48	11600	J
5.	Unknown	12.90	16900	J
6.	Unknown Alkane	13.13	11200	J
7.	Unknown Alkane	13.83	8750	J
8.	Ethylmethylbenzene Isomer	16.52	18800	J
9. 108-67-8	Benzene, 1,3,5-trimethyl-	16.63	8740	NJ
10. 95-63-6	Benzene, 1,2,4-trimethyl-	17.33	20900	NJ
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SAMPLE NO. 000053

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

PIPE-DUP

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-5

Sample wt/vol: 10.1 (g/mL) G Lab File ID: L17898.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 7.88 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 124.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown Alkane	7.92	31500	J
2.	Unknown Alkane	9.91	30300	J
3.	Unknown Alkane	10.14	15300	J
4.	Unknown	10.47	15100	J
5.	Unknown Alkane	10.61	12800	J
6.	Unknown Alkane	12.14	16200	J
7.	Unknown Alkane	12.91	41100	J
8.	Unknown Alkane	13.13	28300	J
9.	Unknown Alkane	13.84	13600	J
10.	Unknown Alkane	15.56	18200	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.
TRIP BLANK

Lab Name: QC INC. Contract:

Project No.: Site: Location: Group:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-6

Sample wt/vol: 10.000 (g/mL) G Lab File ID: L17909.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 0 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 125.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

CAS No.	Compound	PQL	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
591-78-6	2-Hexanone	100		UD
124-48-1	Dibromochloromethane	25.0		UD
108-90-7	Chlorobenzene	50.0		UD
100-41-4	Ethylbenzene	75.0		UD
108-38-3	m&p Xylenes	138		UD
95-47-6	o-Xylene	62.5		UD
100-42-5	Styrene	50.0		UD
75-25-2	Bromoform	113		UD
79-34-5	1,1,2,2-Tetrachloroethane	37.5		UD
541-73-1	1,3-Dichlorobenzene	50.0		UD
106-46-7	1,4-Dichlorobenzene	50.0		UD
95-50-1	1,2-Dichlorobenzene	62.5		UD

U - Indicates Compound is not Detected
B - Indicates Compound is Present in the Blank
J - Indicates Compound is Estimated Above MDL but Below the Low Standard
E - Indicates that the Result is Estimated because it is Above Calibration Range
D - Indicates the Result is from Dilution

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SAMPLE NO. 000058

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TRIP BLANK

Lab Name: QC INC. Contract:

Matrix: (soil/water) SOIL Lab Sample ID: L1022556-6

Sample wt/vol: 10.0 (g/mL) G Lab File ID: L17909.D

Level: (low/med) MED Date Received: 4/25/03

% Moisture: not dec. 0 Date Analyzed: 4/29/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 125.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	None Found			
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