SUBSURFACE INVESTIGATION REPORT

BRAM MANUFACTURING CORPORATION

26 North Route 9W Congers, NY 10920

\$39,000

Prepared for:

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TABLE OF CONTENTS

1.0	Introduction	Page 1
2.0	Site Description and Background	Page 1
3.0	Subsurface Investigation Field Activities	Page 2
4.0	Summary of Analytical Results	Page 3
5.0	Summary and Conclusions	Page 5
6.0	Recommendations	Page 6
TABL	ES: Table No. 1 Summary of Groundwater Analytical Results	,
FIGUR	RES:	
	Figure No. 1 Site Location Map	
	Figure No. 2 Groundwater Sample Location Plan	
ATTA	CHMENTS:	
	Soil Boring Logs Laboratory Analytical Data Package	
	Site Map of Former UST Removal Activities of Adjoining	
	Southern Property, (Date: 5/14/90)	

'1.0 INTRODUCTION

This report summarizes the activities and findings resulting a groundwater investigation conducted on November 27, 1998, by Ballard Engineering Consulting, P.C. at 26 North Route 9W, Congers, New York. This investigation involved conducting soil borings to collect groundwater samples to further evaluate the existing groundwater conditions resulting the former operations at the property. The details and results of this investigation follow.

2.0 SITE DESCRIPTION AND BACKGROUND

The property is located at 26 North Route 9W, Congers, New York and consists of approximately 0.89 acres (Figure 1). It is identified on the town of Clarkstown tax map as Section 141, Block A, Lot 8. The property is bordered to the north by residential properties, to the east by a stream and wetland, to the south by a undeveloped property commercially zoned and to the west by Route 9W. The property consists of an open lot and contains a one story 12,300 square foot block construction building. The building is currently occupied by four tenants; Bram Manufacturing Corp., Ryad Packaging Corp., Messenger Realty Service and Smalls Disposal Service.

In October 1998, Team Environmental Consultants, Inc. conducted a Phase I Environmental Investigation to identify potential environmental impairments and liabilities associated with the property. As a result of this investigation, an inactive water supply well was identified and sampled. Sample results revealed several Volatile Organic Compounds (VOCs) identified at concentrations exceeding the New York State Department of Environmental Conservation standards for groundwater.

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2.1 Regional Geology

The surfacial geology of the southern New York area was mainly influenced by glacial erosion and deposition during the last glacial advancement and retreat, the Late Wisconsin glaciation (Pleistocene Epoch). The Wisconsin ice sheet retreated from New York State about 10,000 years ago. The site is situated on the terminal moraine of the Wisconsin ice sheet. This moraine is comprised of debris from the bedrock of New England and New York and from the Cretaceous strata underlying Long Island.

The natural sediments in the site area consist of Lacustrine silts and clays, which is composed of coarse to fine gravel and sand, stratified and generally well sorted with a thickness of up to 100 feet.

2.2 Site Geology

The site sits just west of the Palisades Sill of igneous origin. The site stratigraphy observed during soil boring activities consisted of a brown to dark brown silty medium sand with gravel identified from the surface to 7-9.5 feet in depth throughout the property. All soil borings were advanced to refusal which may be the indication of shallow bed rock within this region. Groundwater was identified to range from 4-6 feet in depth, with its shallowest point on the east side of the site. The local groundwater flow direction has not yet been determined, but it is anticipated to flow northeast. Boring logs are provided as attached.

3.0 SUBSURFACE INVESTIGATION FIELD ACTIVITIES

On November 27, 1998, Ballard Engineering, Consulting, P.C. conducted a groundwater investigation to evaluate the existing groundwater conditions resulting from former activities at the property. The investigation consisted of using direct push drilling technologies to advance 8 soil borings to install temporary groundwater sampling points. The sampling points were strategically located to assess the existing groundwater conditions adjacent to building and potential source locations. In addition, a groundwater sample was also obtained from the onsite supply well to confirm analytical results of the October 8, 1998 sampling event.

3.1 Groundwater Sampling Program

Drilling activities were conduct by Environmental Products and Services, Inc. of Congers, New York. Borings were conducted using Geoprobe technologies with 48 inch samplers. Temporary mini-well sampling points were installed in each boring and groundwater grab samples were collected. A groundwater sample was collected by the

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use of disposable polyethylene bailers attached with a fresh length of polypropylene string. Following sample collection, the miniwells were removed and boreholes backfilled and surface restored to its original condition. In addition, a groundwater sample was collected from the on-site supply well. Prior to sampling, the well was purged of three well volumes of water (approximately 150 gallons) and given a brief equalization period prior to sample collection. All purge water was collected in DOT shippable 55 gallon drums. The drums currently remain on-site awaiting proper disposal. Disposal paperwork will shortly follow this report.

Following sample collection, all samples were placed on ice and transported under chain-of-custody to York Analytical Laboratories for analysis. All samples were analyzed for VOCs by EPA Method 8260 and Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270.

For field sampling and laboratory quality assurance and quality control purposes, a field blank and trip blank was prepared and analyzed as a sample by the Lab. The field blank was prepared in the field to identify potential equipment contamination. The field blank sample (GW-FB) was analyzed for the same parameters as listed above. The trip blank (GW-TB) was prepared in the Lab to accompany the sample jars to and from the Lab and was analyzed for only VOCs by EPA Method 8260.

4.0 SUMMARY OF ANALYTICAL RESULTS

The following sections detail the results of laboratory analyses performed on the groundwater samples collected. Sampling locations are provided on Figure 2 and the laboratory data package is provided as attached.

Results for VOCs and SVOCs in water are compared to the value outlined for Class GA groundwater in the NYSDEC Memorandum: Division of Water Technical and Operational Guidance Series (1.1.1), "Ambient Water Quality Standards and Guidance Values", October, 1993.

4.1 Summary of Groundwater Results

Table 1 summarizes the results of laboratory analyses performed on groundwater samples obtained from borings GW-B1 through GW-B8 and the on-site supply well (GW-PW) sampled on November 27, 1998, including QA/QC samples. All groundwater samples were analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270. A summary of analytical results are as follows:

 Laboratory results of samples collected indicate VOC concentrations in all groundwater samples with the exception of GW-B4. The highest total VOC concentrations were identified in the supply well GW-PW at 10,443 micrograms per liter (ug/l), GW-B1 at 2,587 ug/l, GW-B2 at 7,304 ug/l, GW-B3 at 921 ug/l, GW-B4 at ND, GW-B-5 at 72 ug/l, GW-B6 at 383 ug/l, GW-B7 at 22 ug/l and GW-B8 at 1,357 ug/l. The individual compounds identified are as follows:

n-Butylbenzene in GW-B1
tert-Butylbenzene in GW-PW, GW-B2
1,2-Dichloroethene in GW-PW, GW-B2, GW-B3, GW-B5, GW-B6, GW-B7
Ethylbenzene in GW-B1, GW-B2, GW-B3, GW-B6
Isopropylbenzene in GW-B1, GW-B2
p-Isopropyltoluene in GW-B1,
n-Propylbenzene in GW-PW, GW-B1, GW-B2
Tetrachloroethene in GW-PW, GW-B8
1,1,1-Trichloroethane in GW-PW, GW-B8
Trichloroethene in GW-PW, GW-B3, GW-B5, GW-B7, GW-B8
1,2,4-Trimethylbezene in GW-PW, GW-B1, GW-B2, GW-B3, GW-B8
1,3,5-Trimethylbezene in GW-PW, GW-B1, GW-B2, GW-B3, GW-B8
Vinyl chloride in GW-PW, GW-B2, GW-B3, GW-B6
o-Xylene in GW-B2, GW-B3, GW-B6
p&m-Xylene in GW-B1, GW-B2, GW-B3, GW-B6

Almost all VOC concentrations were identified to exceed the NYSDEC Guidance Values. Elevated concentrations of Trichloroethene, 1,2-Dichloroethene and Vinyl chloride were identified in GW-PW; 1,2,4-Trimethylbezene and 1,3,5-Trimethylbezene in GW-B1; 1,2,4-Trimethylbezene, 1,3,5-Trimethylbezene and 1,2-Dichloroethene in GW-B3; and Trichloroethene in GW-B8.

All SVOCs were reported below the Laboratory Method Detection Limits.

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5.0 SUMMARY AND CONCLUSIONS

Based on field observations and analytical results of the limited groundwater investigation conducted on November 27, 1998, it was apparent that environmental concerns remain resulting former operations at the property and possible offsite. As identified in the Phase I Environmental Site Assessment Report prepared by Team Environmental, Inc., dated 10/29/98, it is apparent that compounds identified in the on-site supply well were also identified resulting the November 27,1998 sampling event. The only exception was that 1,3-Dichloropropane was not found present, although many additional VOCs were also identified. Similar compounds were also revealed in many of the groundwater samples (GW-B1, GW-B2, GW-B3, GW-B5, GW-B6, GW-B7 and GW-B8). Sample locations representing higher concentrations were identified as GW-B1, GW-B2 and GW-B3, all located on the south side of the building, southwest (GW-B1) south (GW-B2) and southeast (GW-B3) of the supply well. Also elevated concentrations were identified in GW-B8, located on the north side of the building, north of the supply well.

Compounds identified to be prominent in the supply well were Trichloroethene (TCE) and its breakdown compounds 1,2-Dichloroethene and Vinyl chloride. Also 1,1,1-Trichloroethane and Tetrachloroethene were identified. These compounds were also present in GW-B2, GW-B3, GW-B5, GW-B6, GW-B7 and GW-B8. These compounds are commonly identified with industrial solvents. Due to their high specific gravity and relatively low solubility, they are referred to as Dense Non-aqueous Phase Liquids (DNAPLs) and typically fall to the bottom of the water column.

Also identified were many lighter VOCs including n-Butylbenzene, tert-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, n-Propylbenzene, 1,2,4-Trimetylbenzene 1,3,5-Trimetylbenzene and Xylenes. These compounds are commonly associated with gasoline and motor fuel releases. One or more of these compounds were identified in all sampling locations with the exception of GW-B4, GW-B5 and GW-B7.

Based on groundwater results, it is evident that there may be two sources of groundwater contamination; one associated with the release of solvents, and second, associated with a former petroleum release. Based on this investigation, it is believed that the source point for solvent related contamination would be the supply well due to the elevated concentrations of TCE. It is apparent that these associated compounds have migrated as concentrations are found to be significant in GW-B2 and GW-B3 and primarily north under the building, based on the elevated TCE, Tetrachloroethene and 1,1,1-Trichloroethane concentrations identified in GW-B8. The presence of the lighter VOCs may indicate residual groundwater contamination resulting the former operations of the Underground Storage Tanks (USTs) located at the adjoining southern property known as 16 Route 9W North (Tax Map #141-A-6.05).

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6.0 RECOMMENDATIONS

Based on the results of this investigation, it is evident that compounds associated with the release of solvents are present in the on-site supply well and have impacted the local groundwater. Due to the low solubility and high specific gravity of these compounds, remediation is considered to be difficult. The remediation technology typically utilized for the cleanup of these constituents is an active Pump and Treat system. Although recently much progress has been made utilizing bioremediation methods.

The presence of gasoline related compounds are considered to be residual and most likely have naturally degraded to an extent. Although, these concentrations still exceed the NYSDEC Guidance Values, therefore cleanup action may be required. Remediation of these associated compounds could be conducted concurrently with the cleanup of solvent related compounds.

In order to evaluate suitable remedial efforts, it is recommended to conduct a further investigation to determine the hydraulic gradient at the property and to further define the plume associated with both gasoline and solvent related compounds. This supplemental investigation would consist of additional grab groundwater samples and at minimum the installation of three permanent monitoring wells.

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TABLE NO. 1 SUMMARY OF GROUNDWATER SAMPLING ANALYTICAL RESULTS 26 NORTH ROUTE 9W CONGERS, NEW YORK 10920

Sample ID:						
•	GW-PW	GW-B1	GW-B2	GW-B3	GW-B4	NYSDEC
Sample Date:	11/27/98	11/27/98	11/27/98	11/27/98	11/27/98	AGV*
Volatile Organic Compounds						
by EPA Method 8260:						
n-Butylbenzene	ND	25	ND	ND	ND	5
tert-Butylbenzene	21	ND	370	ND	ND	5
1,2-Dichloroethylene (Total)	3100	ND	980	560	ND	5
Ethylbenzene	ND	12	210	4	ND	5
isopropylbenzene	ND	84	170	ND	ND	5
p-Isopropyltoluene	ND	12	ND	ND	ND	NA
n-Propylbenzene	24	140	270	ND .	- ND	· 5
Tetrachloroethylene	160	ND	ND	ND	ND	5
1,1,1-Trichloroethane	50	ND	ND	ND	ND	5
Trichloroethylene	6300	ND	21	9	ND	5
1,2,4-Trimethylbenzene	170	1600	3200	21	ND	5
1,3,5-Trimethylbenzene	68	700	1800	9	ND	5
Vinyl chloride	550	ND	170	310	ND	2
o-Xylene	ND	ND	22	5	ND	5
p-&m-Xylene	ND	14	91	3	ND	5
Total VOCs	10,443	2,587	7,304	921	ND	NA
	All VOC	results exp	ressed in mic	crogram per	liter (ug/l)	
Base Neutral Compounds						
(BNs) by EPA Method 8270:	ND	ND	ND	ND	ND	NA

All VOC results expressed in microgram per liter (ug/l)

Notes:

Concentration exceeding NYSDEC Guidance Value in BOLD.

* Guidance Values based on NYSDEC Division of Water Technical Operational Guidance Series (1.1.1)

Ambient Water Quality Standards And Guidance Values, October 22,1993.

ND = Not Detected.

NA = Not Applicable

TABLE NO. 1 Cont. SUMMARY OF GROUNDWATER SAMPLING ANALYTICAL RESULTS 26 NORTH ROUTE 9W CONGERS, NEW YORK 10920

Sample ID:							
_	GW-B5	GW-B6	GW-B7	GW-B8	GW-FB	GW-TB	NYSDEC
Sample Date:	11/27/98	11/27/98	11/27/98	11/27/98	11/27/98	11/27/98	AGV*
Volatile Organic Compounds				_			
by EPA Method \$260:							
n-Butylbenzene	ND	ND	ND	ND	ND	ND	5
tert-Butylbenzene	B	ND	ND .	ND	ND	ND	5
1,2-Dichloroethylene (Total)	46	200	10	ND	ND	ND	5
Ethylbenzene	ND	12	ND	ND	D	D	5
Isopropylbenzene	ND	ND	D	2	ND	ND	5
p-isopropyitoluene	ND .	D	ND ND	ND	ND	ND	NA
n-Propylbenzene	B	ND	9	ND	ND N	ND	5
Tetrachloroethylene	ND .	ND	9	140	D N	ND	5
1,1,1-Trichloroethane	ND	D	P	24	Ŋ	ND	5
Trichloroethylene	10	D	12	1100	ם	ND	5
1,2,4-Trimethylbenzene	ND	ND	ND	63	ND	D	5
1,3,5-Trimethylbenzene	ND	DD	3	30	D	ND	5
Vinyl chloride	16	160	9	ND	D	ND _	2
o-Xylene	ND	2	ND	ND	ND	ND	5
p-&m-Xylene	ND	9	D	ND	D	ND	5
Total VOCs	72	383	22	1,357	DA	ND	NA
	All V	OC results	expressed	in microgi	am per lite	or (ug/l)	
Base Neutral Compounds							
(BNs) by EPA Method 8270:	ND	ND	ND	ND	ND	ND	NA NA

All SVOC results expressed in microgram per liter (ug/l)

Notes:

Concentration exceeding NYSDEC Guidance Value in BOLD.

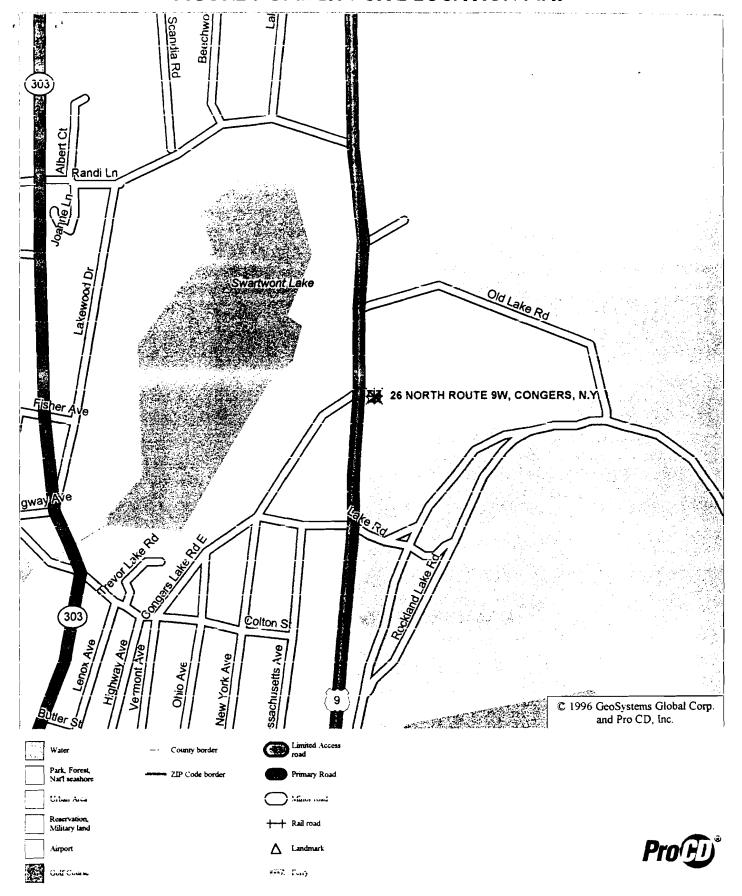
* Guidance Values based on NYSDEC Division of Water Technical Operational Guidance Series (1.1.1)

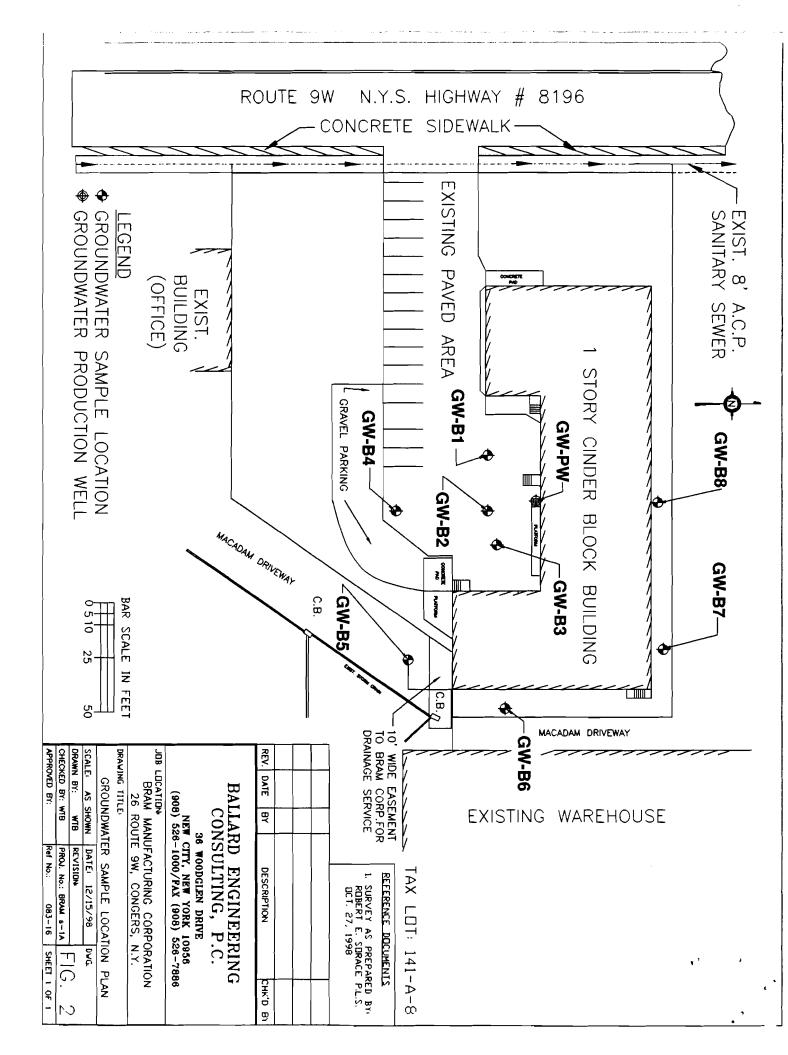
Ambient Water Quality Standards And Guidance Values, October 22,1993.

ND = Not Detected.

NA = Not Applicable

FIGURE NUMBER 1-SITE LOCATION MAP





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Date	Fin	ished:	11/27/98				oling Method: Macro		pler		45 F	
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Jann							nporary well.			**************************************	Fine Sand		
			nalyzed fo						'	20000000000			
* = Phot	o loniz	cation Deter	ctor reading, in p	erts per	million (ppm)						Bentonite		

_					Ballar	maru Engineering		Boring No. B-6			
, 8	oi	l Bor	ing		Con	sult	ing, P.C.	Sheet 1 of 1	Attorney At La	~	
Loca	tior	n:	26 Route Congers,					BEC Geologist/Engine Drilling Company: EP8		d, P.E.	
Date	Sta	rted: 1	1/27/98			Drillin	ng Method: Earth Pro	obe		Weather:	
Date	Fini	ished:	11/27/98				oling Method: Macro			45 F	
							nd Surface Condition			Clear	
		_	Sample							Groundwater	
Depth		Depth	In. Driven/	%	Blows	ļ	S	ample	Well	and Other	
(ft.)	No.	(ft.)	In. Rec.	Rec.	per 6"	USCS	Des	scription	Details	Observations	
	1	0-4	48/48	100		SM	Light brown	silty medium sand w/ gravel	1		
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						sc	Grey	silty clay fine sand			
	2	4-8	48/48	100		1	-			wet @ 4'	
5											
						SM					
					_		l ight bn	own silty medium sand			
	3	8-10	12/48	25		1		only model of a		,	
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			nalyzed fo				•		20000000000		
* = Phot			tor reading, in p							Bentonite	

Log of Balla					Ballard Engineering			Boring No. B-7 Client: Lesley M. Schle			ey M. Schlesinger	
	_	l Bor	ing				ing, P.C.	Sheet 1	of 1	Attorney At La	~	
Loca	tior	 -	26 Route	9W	North			BEC Geold	ogist/Enginee	r: W. Ballar	d, P.E.	
			Congers,	New	York				mpany: EP&		, -	
Date	Sta	rted: 1	1/27/98			Drillir	ng Method: Earth Pro	be			Weather:	
Date	Fini	ished:	11/27/98				oling Method: Macro-		oler		45 F	
		_		_		Grou	nd Surface Condition	ns: Soil			Clear_	
	<u> </u>		Sample	. т							Groundwater	
Depth	1 1	Depth	In. Driven/	%	Blows		L	ample		Well	and Other	
(ft.)						Des	scription		Details	<u>Observations</u>		
		0-4	48/48	100		SM				ł		
	Н		·				Light bro	own silty media	ım sand	1		
	Н							with gravel		ł		
_	2	4-8	48/48 100 SC				Gr	ey slity clay sa	nd			
5	SM SM											
					-	SM					Wet @ 5.5	
	H			-			Light bro	own silty medic	ım sand			
	3 8-10 18/48 37					} :				Ì	1	
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Jann							iporary well.				Fine Sand	
			nalyzed fo				-point india	}		500000000000	22	
" = Phot		•	tor reading, in p								Bentonite	

Log of Bal					Balla	allard Engineering		Boring I	No. B-8	Client: Lesk	y M. Schlesinger
		I Bor	ina				ing, P.C.	Sheet 1	of 1	Attorney At La	~
		·		<u> </u>						<u> </u>	
Loca	itior	1:	26 Route						gist/Enginee		d, P.E.
			Congers	New	TOFK			Drilling Cor	mpany: EP&	5	
Date	Sta	rted: 1	1/27/98	-		Drillir	ng Method: Earth Pro	obe			Weather:
Date	Fini	ished:	11/27/98				oling Method: Macro		ier		45 F
			Sample			Grou	nd Surface Condition	ns: Soil	-	<u> </u>	Clear
Depth	\vdash	Depth	Sample In. Driven/	%	Blows	┨	S	ample		 Well	Groundwater and Other
(ft.)	No.	(ft.)	In. Rec.	Rec.	per 6"	uscs		scription		Details	Observations
	1	4	48/48	100		SM					
							Dark bro	own silty mediu	m sand		
	Ш					1		with gravel			
	2	4-8	48/48	100							
5_			<u> </u>	-							
ŀ	$\vdash \vdash$			┼─┤		SM	l labé b		m acad		Wet @ 6
	3	8-10	18/48	37		-	Light on	own silty mediu	m sano		[
ļ	H	0-10	10/40	3"		1	,				
10						<u>ן</u>					
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			nalyzed fo				polary woll.	<u> </u>		20000000000	
· = Phot			tor reading, in p					[[Bentonite



Technical Report

prepared for

Ballard Engineering 36 Woodglen Dr. New City, N.Y. Attention: Mr. Wayne Ballard

Report Date: 12/08/98

Re: Client Project ID: 26N Rt 9W York Project No.: 98120062

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106

Report Date: 12/08/98 Client Project ID: 26N Rt 9W

York Project No.: 98120062

Ballard Engineering

36 Woodglen Dr. New City, N.Y.

Attention: Mr. Wayne Ballard

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/30/98. The project was identified as your project "26N Rt 9W".

The analysis was conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

The results of the analysis are summarized in the following table(s).

Analysis Results

Client Sample ID			ТВ	-	GW-FB	
York ID			98120062-01		98120062-02	
Matrix	_	_	WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane	_		Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	1



York ID 98120062-01 Matrix WATER Parameter Method Units Results MDL Chloromethane Not detected 10	98120062-02 WATER Results	
Parameter Method Units Results MDL		
	Results	
Chloromethane Not datasted 10		MDL
The constitution of the co	Not detected	10
2-Chlorotoluene Not detected 1	Not detected	1
	Not detected	1
	Not detected	1
1,2-Dibromo-3-chloropropane Not detected 1	Not detected	1
1,2-Dibromoethane Not detected 1	Not detected	1
Dibromomethane Not detected 1	Not detected	1
1,2-Dichlorobenzene Not detected 1	Not detected	1
1,3-Dichlorobenzene Not detected 1	Not detected	1
1,4-Dichlorobenzene Not detected 1	Not detected	1
Dichlorodifluoromethane Not detected 1	Not detected	1
	Not detected	1
1,1,2-Trichloroethane Not detected 1	Not detected	1
Trichloroethylene Not detected 1	Not detected	1
	Not detected	1
1,2,3-Trichloropropane Not detected 1	Not detected	1
1,2,3-Trimethylbenzene Not detected 1	Not detected	1
	Not detected	1
	Not detected	1
<u> </u>	Not detected	10
o-Xylene Not detected 1	Not detected	1
	Not detected	1
BNA-8270 List water SW846-8270 ug/L		
	Not detected	10



Client Sample ID			ТВ		GW-FB	
York ID			98120062-01		98120062-02	
Matrix			WATER	-	WATER	
. Parameter	Method	Units	Results	MDL	Results	MDL
Acenaphthylene		 			Not detected	10
Anthracene					Not detected	10
Benzo(a)anthracene				 -	Not detected	10
Benzo(b)fluoranthene				-	Not detected	10
Benzo(k)fluoranthene		-			Not detected	10
Benzo(g,h,i)perylene		<u> </u>			Not detected	10
Benzo(a)pyrene				 	Not detected	10
Benzyl alcohol		-		-	Not detected	10
Bis(2-chloroethoxy)methane					Not detected	10
Bis(2-chloroethyl)ether					Not detected	10
Bis(2-chloroisopropyl)ether					Not detected	10
Bis(2-ethylhexyl)phthalate				 	Not detected	10
4-Bromophenyl phenyl ether					Not detected	10
Butyl benzyl phthalate		1			Not detected	10
4-Chloroaniline					Not detected	10
2-Chloronaphthalene			_		Not detected	10
4-Chloro-3-methyl phenol				 	Not detected	10
2-Chlorophenol				_	Not detected	10
4-Chlorophenyl phenyl ether					Not detected	10
Chrysene					Not detected	10
Dibenz(a,h)anthracene					Not detected	10
Dibenzofuran					Not detected	10
Di-n-butylphthalate					Not detected	10
1,3-Dichlorobenzene		 			Not detected	10
1,4-Dichlorobenzene					Not detected	10
1,2-Dichlorobenzene				_	Not detected	10
3,3'-Dichlorobenzidine		_	- .		Not detected	10
2,4-Dichlorophenol					Not detected	10
Diethylphthalate					Not detected	10
2,4-Dimethylphenol	-				Not detected	10
Dimethylphthalate					Not detected	10
4,6-Dinitro-2-methylphenol					Not detected	50
2,4-Dinitrophenol	-	<u> </u>			Not detected	50
2,4-Dinitrotoluene					Not detected	10
2,6-Dinitrotoluene					Not detected	10
Di-n-octylphthalate				ļ	Not detected	10
Fluoranthene	·				Not detected	10
Fluorene					Not detected	10
Hexachlorobenzene					Not detected	10
Hexachlorobutadiene					Not detected	10
Hexachlorocyclopentadiene					Not detected	10
Hexachloroethane					Not detected	10
Indeno(1,2,3-cd)pyrene					Not detected	10
Isophorone					Not detected	10
2-Methylnaphthalene					Not detected	10
2-Methylphenol					Not detected	10
4-Methylphenol					Not detected	10
Naphthalene					Not detected	10

Client Sample ID			ТВ		GW-FB	
York ID			98120062-01		98120062-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Nitroaniline					Not detected	50
3-Nitroaniline					Not detected	50
4-Nitroaniline					Not detected	50
Nitrobenzene					Not detected	10
2-Nitrophenol					Not detected	10
4-Nitrophenol	<u></u>				Not detected	50
N-Nitrosodiphenylamine				-	Not detected	10
N-Nitrosodi-n-propylamine					Not detected	10
Pentachlorophenol					Not detected	50
Phenanthrene					Not detected	10
Phenol					Not detected	10
Pyrene					Not detected	10
1,2,4-Trichlorobenzene	·-				Not detected	10
2,4,5-Trichlorophenol					Not detected	10
2,4,6-Trichlorophenol				_	Not detected	10

Client Sample ID			GW-B-1		GW-B-2	
York ID			98120062-03		98120062-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	5.0	Not detected	10
Bromobenzene			Not detected	5.0	Not detected	10
Bromochloromethane			Not detected	50	Not detected	100
Bromodichloromethane			Not detected	50	Not detected	100
Bromoform		-	Not detected	5.0	Not detected	10
Bromomethane			Not detected	50	Not detected	100
n-Butylbenzene			25	5.0	Not detected	10
sec-Butylbenzene			Not detected	5.0	Not detected	10
tert-Butylbenzene			Not detected	5.0	370	10
Carbon tetrachloride			Not detected	5.0	Not detected	10
Chlorobenzene			Not detected	5.0	Not detected	10
Chloroethane			Not detected	5.0	Not detected	10
Chloroform			Not detected	50	Not detected	100
1-Chlorohexane			Not detected	5.0	Not detected	10
Chloromethane			Not detected	50	Not detected	100
2-Chlorotoluene			Not detected	5.0	Not detected	10
4-Chlorotoluene			Not detected	5.0	Not detected	10
Dibromochloromethane			Not detected	5.0	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	10
1,2-Dibromoethane			Not detected	5.0	Not detected	10
Dibromomethane			Not detected	5.0	Not detected	10
1,2-Dichlorobenzene			Not detected	5.0	Not detected	10
1,3-Dichlorobenzene			Not detected	5.0	Not detected	10
1,4-Dichlorobenzene	·		Not detected	5.0	Not detected	10
Dichlorodifluoromethane			Not detected	5.0	Not detected	10
1,1-Dichloroethane			Not detected	5.0	Not detected	10



Client Sample ID			GW-B-I		GW-B-2	
York ID			98120062-03		98120062-04	
Matrix			WATER		WATER	<u> </u>
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethylene			Not detected	5.0	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	5.0	980	10
1,2-Dichloropropane			Not detected	5.0	Not detected	10
1,3-Dichloropropane	<u> </u>		Not detected	5.0	Not detected	10
2,2-Dichloropropane			Not detected	5.0	Not detected	10
1,1-Dichloropropylene		<u> </u>	Not detected	5.0	Not detected	10
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	10
trans-1,3-Dichloropropylene		 -	Not detected	5.0	Not detected	10
Ethylbenzene			12	5.0	210	10
Hexachlorobutadiene			Not detected	5.0	Not detected	10
Isopropylbenzene		<u> </u>	84	5.0	170	10
p-Isopropyltoluene			12	5.0	Not detected	10
Methylene chloride			Not detected	5.0	Not detected	10
Naphthalene			Not detected	5.0	Not detected	10
n-Propylbenzene			140	5.0	270	10
Styrene			Not detected	5.0	Not detected	10
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected Not detected	10
			Not detected	5.0	Not detected	
Tetrachloroethylene Toluene			Not detected Not detected		Not detected Not detected	10
1,2,3-Trichlorobenzene			Not detected Not detected	5.0	Not detected Not detected	10
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected Not detected	10
1,1,1-Trichloroethane			Not detected	5.0	Not detected	10
1,1,2-Trichloroethane		ļ.— <u>-</u> —	Not detected	5.0	Not detected	10
			Not detected Not detected	5.0	21	10
Trichloroethylene Trichlorofluoromethane			Not detected	5.0	Not detected	10
			Not detected	5.0	Not detected	10
1,2,3-Trichloropropane	 		Not detected	5.0	Not detected	10
1,2,3-Trimethylbenzene			1600	5.0	3200	10
			700	5.0	1800	10
1,3,5-Trimethylbenzene			Not detected	50	170	100
Vinyl chloride o-Xylene			Not detected	5.0	22	100
p- & m-Xylenes			14	5.0	91	10
BNA-8270 List water	SW846-8270	1107/T			91	
Acenaphthene	3W840-82/0	ug/L	Not detected	10	Not detected	10
Acenaphthylene		ļ	Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene			Not detected	10	Not detected	10
Benzo(b)fluoranthene	<u> </u>		Not detected	10	Not detected	10
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(a)pyrene			Not detected	10	Not detected	10
Benzyl alcohol	<u> </u>		Not detected Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10	Not detected	10
Bis(2-chloroethyl)ether		L	Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether			Not detected	10	Not detected	10
Bis(2-ethylhexyl)phthalate		<u> </u>	Not detected	10	Not detected	10
4-Bromophenyl phenyl ether			Not detected	10	Not detected	10
7 Diomopheny i pheny i culei			THOI GOLOGICA	10	1 TOT UCTORIC	



Client Sample ID			GW-B-1		GW-B-2	
York ID			98120062-03		98120062-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Butyl benzyl phthalate			Not detected	10	Not detected	10
4-Chloroaniline			Not detected	10	Not detected	10
2-Chloronaphthalene			Not detected	10	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10	Not detected	10
2-Chlorophenol			Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10	Not detected	10
Chrysene		 	Not detected	10	Not detected	10
Dibenz(a,h)anthracene		 	Not detected	10	Not detected	10
Dibenzofuran		†	Not detected	10	Not detected	10
Di-n-butylphthalate		·\	Not detected	10	Not detected	10
1,3-Dichlorobenzene	_	 	Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine			Not detected	10	Not detected	10
2,4-Dichlorophenol			Not detected	10	Not detected	10
Diethylphthalate		 	Not detected	10	Not detected	10
2,4-Dimethylphenol			Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10
4,6-Dinitro-2-methylphenol		<u> </u>	Not detected	50	Not detected	50
2,4-Dinitrophenol			Not detected	50	Not detected	50
2,4-Dinitrotoluene			Not detected	10	Not detected	10
2,6-Dinitrotoluene	_		Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene	-		Not detected	10	Not detected	10
Fluorene		-	Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10
Hexachlorobutadiene		 	Not detected	10	Not detected	10
Hexachlorocyclopentadiene	-		Not detected	10	Not detected	10
Hexachloroethane			Not detected	10	Not detected	10
Indeno(1,2,3-cd)pyrene			Not detected	10	Not detected	10
Isophorone			Not detected	10	Not detected	10
2-Methylnaphthalene			Not detected	10	Not detected	10
2-Methylphenol			Not detected	10	Not detected	10
4-Methylphenol			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
2-Nitroaniline			Not detected	50	Not detected	50
3-Nitroaniline			Not detected	50	Not detected	50
4-Nitroaniline			Not detected	50	Not detected	50
Nitrobenzene			Not detected	10	Not detected	10
2-Nitrophenol			Not detected	10	Not detected	10
4-Nitrophenol			Not detected	50	Not detected	50
N-Nitrosodiphenylamine			Not detected	10	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10	Not detected	10
Pentachlorophenol			Not detected	50	Not detected	50
Phenanthrene			Not detected	10	Not detected	10
Phenol			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10

Client Sample ID			GW-B-1		GW-B-2	
York ID			98120062-03		98120062-04	
Matrix			WATER		WATER	
Parameter Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
2,4,5-Trichlorophenol			Not detected	10	Not detected	10
2,4,6-Trichlorophenol			Not detected	10	Not detected	10

Client Sample ID			GW-B-3		GW-B-4	
York ID			98120062-05		98120062-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane	-		Not detected	1	Not detected	1
Chloroform			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	1
Chloromethane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,4-Dichlorobenzene	_		Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	11
1,2-Dichloroethylene (Total)			560	_ 1	Not detected	11
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	11	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	11
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Ethylbenzene			4	1	Not detected	_1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	_1

Client Sample ID			GW-B-3		GW-B-4	
York ID			98120062-05		98120062-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
p-Isopropyltoluene			Not detected	1	Not detected	1
Methylene chloride		-	Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Propylbenzene	<u> </u>		Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
Trichloroethylene			9	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			21	1	Not detected	1
1,3,5-Trimethylbenzene	<u> </u>		9 -	1	Not detected	1
Vinyl chloride			310	10	Not detected	10
o-Xylene			5	1	Not detected	1
p- & m-Xylenes			3	1	Not detected	1
BNA-8270 List water	SW846-8270	ug/L				
Acenaphthene	3770-0270	ug/L	Not detected	10	Not detected	10
Acenaphthylene		_	Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene			Not detected	10	Not detected	10
Benzo(b)fluoranthene			Not detected	10	Not detected	10
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(g,n,r)perylene Benzo(a)pyrene	-		Not detected	10	Not detected	10
Benzyl alcohol	 		Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10	Not detected	10
Bis(2-chloroethyl)ether		-	Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether	-		Not detected	10	Not detected	10
Bis(2-ethylhexyl)phthalate	<u> </u>	-	Not detected	10	Not detected Not detected	10
4-Bromophenyl phenyl ether			Not detected	10	Not detected	10
Butyl benzyl phthalate			Not detected	10	Not detected	10
4-Chloroaniline			Not detected	10	Not detected	10
2-Chloronaphthalene			Not detected	10	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10	Not detected Not detected	10
2-Chlorophenol			Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether			Not detected Not detected	10	Not detected Not detected	10
Chrysene			Not detected Not detected	10	Not detected	10
Dibenz(a,h)anthracene			Not detected	10	Not detected	10
Dibenzofuran Dibenzofuran			Not detected Not detected	10	Not detected Not detected	10
Di-n-butylphthalate	-	_	Not detected	10	Not detected Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected Not detected	10
1,4-Dichlorobenzene			Not detected Not detected	10	Not detected Not detected	10
1, T Diemotoocizette			1101 uciccieu	10	1101 uciccica	10



Client Sample ID			GW-B-3		GW-B-4	
York ID			98120062-05		98120062-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine			Not detected	10	Not detected	10
2,4-Dichlorophenol	_	1	Not detected	10	Not detected	10
Diethylphthalate			Not detected	10	Not detected	10
2,4-Dimethylphenol			Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10
4,6-Dinitro-2-methylphenol	-		Not detected	50	Not detected	50
2,4-Dinitrophenol			Not detected	50	Not detected	50
2,4-Dinitrotoluene			Not detected	10	Not detected	10
2,6-Dinitrotoluene			Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene	<u>-</u>		Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Hexachlorocyclopentadiene			Not detected	10	Not detected	10
Hexachloroethane			Not detected	10	Not detected	10
Indeno(1,2,3-cd)pyrene			Not detected	10	Not detected	10
Isophorone			Not detected	10	Not detected	10
2-Methylnaphthalene			Not detected	10	Not detected	10
2-Methylphenol			Not detected	10	Not detected	10
4-Methylphenol			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
2-Nitroaniline			Not detected	50	Not detected	50
3-Nitroaniline			Not detected	50	Not detected	50
4-Nitroaniline	<u> </u>		Not detected	50	Not detected	50
Nitrobenzene			Not detected	10	Not detected	10
2-Nitrophenol			Not detected	10	Not detected	10
4-Nitrophenol			Not detected	50	Not detected	50
N-Nitrosodiphenylamine			Not detected	10	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10	Not detected	10
Pentachlorophenol			Not detected	50	Not detected	50
Phenanthrene			Not detected	10	Not detected	10
Phenol			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
2,4,5-Trichlorophenol			Not detected	10	Not detected	10
2,4,6-Trichlorophenol			Not detected	10	Not detected	10

Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	10	Not detected	10



Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
tert-Butylbenzene	-		Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene		_	Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	1
Chloromethane	-	 	Not detected	10	Not detected	10
2-Chlorotoluene	-	 	Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	i	Not detected	1
1,2-Dibromoethane		_	Not detected	<u> </u>	Not detected	1
Dibromomethane			Not detected	i	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,4-Dichlorobenzene		-	Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
1,1-Dichloroethane		<u> </u>	Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene	-		Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			46	1	200	1
1,2-Dichloropropane		 	Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene		<u> </u>	Not detected	1	Not detected	1
trans-1,3-Dichloropropylene		 	Not detected	1	Not detected	1
Ethylbenzene		 	Not detected	1	12	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
Methylene chloride		 	Not detected	1	Not detected	1
Naphthalene	-	<u> </u>	Not detected	1	Not detected	1
n-Propylbenzene	_		Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
1,1,1,2-Tetrachloroethane		-	Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
Trichloroethylene			10	1	Not detected	1



Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	i
sec-Butylbenzene		† — —	Not detected	ī	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	1
Chloromethane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene		 	Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane	-		Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene		 	Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
Dichlorodifluoromethane		 	Not detected	1	Not detected	1
1,1-Dichloroethane		+	Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			46	1	200	1
1,2-Dichloropropane	<u>-</u>		Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
1,1-Dichloropropylene		-	Not detected	1	Not detected	1
cis-1,3-Dichloropropylene		 	Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	12	1
Hexachlorobutadiene		+	Not detected	1	Not detected	1
Isopropylbenzene	<u>-</u>	 	Not detected	<u> </u>	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
Methylene chloride		-	Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
Styrene		 	Not detected	1	Not detected	1
1,1,1,2-Tetrachloroethane	_		Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene		-	Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane	_	 	Not detected	1	Not detected	i
Trichloroethylene		 	10	1	Not detected	1
					. TO C GC CC CCG	_



Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Trichlorofluoromethane			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene	_	_	Not detected	1	Not detected	1
1,3,5-Trimethylbenzene	-		Not detected	1	Not detected	1
Vinyl chloride			16	10	160	10
o-Xylene	-		Not detected	1	2	1
p- & m-Xylenes			Not detected	1	9	1
BNA-8270 List water	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene	-		Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene			Not detected	10	Not detected	10
Benzo(b)fluoranthene			Not detected	10	Not detected	10
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(a)pyrene			Not detected	10	Not detected	10
Benzyl alcohol			Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10	Not detected	10
Bis(2-chloroethyl)ether			Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether			Not detected	10	Not detected	10
Bis(2-ethylhexyl)phthalate			Not detected	10	Not detected	10
4-Bromophenyl phenyl ether			Not detected	10	Not detected	10
Butyl benzyl phthalate		_	Not detected	10	Not detected	10
4-Chloroaniline			Not detected	10	Not detected	10
2-Chloronaphthalene			Not detected	10	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10	Not detected	10
2-Chlorophenol			Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10	Not detected	10
Chrysene			Not detected	10	Not detected	10
Dibenz(a,h)anthracene			Not detected	10	Not detected	10
Dibenzofuran			Not detected	10	Not detected	10
Di-n-butylphthalate			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine			Not detected	10	Not detected	10
2,4-Dichlorophenol			Not detected	10	Not detected	10
Diethylphthalate			Not detected	10	Not detected	10
2,4-Dimethylphenol			Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10
4,6-Dinitro-2-methylphenol			Not detected	50	Not detected	50
2,4-Dinitrophenol			Not detected	50	Not detected	50
2,4-Dinitrotoluene			Not detected	10	Not detected	10
2,6-Dinitrotoluene			Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10



Client Sample ID			GW-B-5	_	GW-B-6	
York ID			98120062-07	_	98120062-08	· · · · · · · · · · · · · · · · · · ·
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Trichlorofluoromethane			Not detected	ı	Not detected	1
1,2,3-Trichloropropane			Not detected	l	Not detected	l
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene	-		Not detected	1	Not detected	1
Vinyl chloride			16	10	160	10
o-Xylene	_		Not detected	1	2	1
p- & m-Xylenes			Not detected	i	9	1
BNA-8270 List water	SW846-8270	ug/L				
Acenaphthene		-5-	Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene	_		Not detected	10	Not detected	10
Benzo(b)fluoranthene		_	Not detected	10	Not detected	10
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(a)pyrene			Not detected	10	Not detected	10
Benzyl alcohol			Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10	Not detected	10
Bis(2-chloroethyl)ether	_		Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether	- -		Not detected		Not detected Not detected	10
Bis(2-ethylhexyl)phthalate	-		Not detected Not detected	10		
		_	Not detected	10	Not detected	10
4-Bromophenyl phenyl ether			Not detected Not detected	10	Not detected	10
Butyl benzyl phthalate 4-Chloroaniline				10	Not detected	
		-	Not detected	10	Not detected	10
2-Chloronaphthalene			Not detected	10	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10	Not detected	10
2-Chlorophenol	_		Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether	_		Not detected	10	Not detected	10
Chrysene			Not detected	10	Not detected	10
Dibenz(a,h)anthracene			Not detected	10	Not detected	10
Dibenzofuran			Not detected	10	Not detected	10
Di-n-butylphthalate			Not detected	10	Not detected	10
1,3-Dichlorobenzene		<u> </u>	Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine			Not detected	10	Not detected	10
2,4-Dichlorophenol			Not detected	10	Not detected	10
Diethylphthalate			Not detected	10	Not detected	10
2,4-Dimethylphenol	<u> </u>	<u> </u>	Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10 50
4,6-Dinitro-2-methylphenol			Not detected	50 50	Not detected	50
2,4-Dinitrophenol 2,4-Dinitrotoluene			Not detected Not detected	10	Not detected	10
2,4-Dinitrotoluene	 				Not detected	
			Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10



Client Sample ID			GW-B-5	<u> </u>	GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobutadiene			Not detected	10	Not detected	10
Hexachlorocyclopentadiene			Not detected	10	Not detected	10
Hexachloroethane			Not detected	10	Not detected	10
Indeno(1,2,3-cd)pyrene			Not detected	10	Not detected	10
Isophorone			Not detected	10	Not detected	10
2-Methylnaphthalene			Not detected	10	Not detected	10
2-Methylphenol			Not detected	10	Not detected	10
4-Methylphenol			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
2-Nitroaniline			Not detected	50	Not detected	50
3-Nitroaniline			Not detected	50	Not detected	50
4-Nitroaniline			Not detected	50	Not detected	50
Nitrobenzene			Not detected	10	Not detected	10
2-Nitrophenol			Not detected	10	Not detected	10
4-Nitrophenol			Not detected	50	Not detected	50
N-Nitrosodiphenylamine			Not detected	10	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10	Not detected	10
Pentachlorophenol		_	Not detected	50	Not detected	50
Phenanthrene			Not detected	10	Not detected	10
Phenol			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
2,4,5-Trichlorophenol			Not detected	10	Not detected	10
2,4,6-Trichlorophenol			Not detected	10	Not detected	10

Client Sample ID			GW-B-7		GW-B-8	
York ID			98120062-09		98120062-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	1	Not detected	10
Bromobenzene			Not detected	1	Not detected	10
Bromochloromethane		_	Not detected	10	Not detected	100
Bromodichloromethane			Not detected	10	Not detected	100
Bromoform			Not detected	1	Not detected	10
Bromomethane			Not detected	10	Not detected	100
n-Butylbenzene			Not detected	1	Not detected	10
sec-Butylbenzene			Not detected	1	Not detected	10
tert-Butylbenzene		_	Not detected	1	Not detected	10
Carbon tetrachloride			Not detected	1	Not detected	10
Chlorobenzene			Not detected	1	Not detected	10
Chloroethane			Not detected	1	Not detected	10
Chloroform			Not detected	10	Not detected	100
1-Chlorohexane		_	Not detected	1	Not detected	10
Chloromethane			Not detected	10	Not detected	100
2-Chlorotoluene			Not detected	1	Not detected	10
4-Chlorotoluene			Not detected	1	Not detected	10



Client Sample ID			GW-B-7		GW-B-8	
York ID			98120062-09		98120062-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Dibromochloromethane			Not detected	1	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	10
1,2-Dibromoethane		 	Not detected	1	Not detected	10
Dibromomethane	-		Not detected	i	Not detected	10
1,2-Dichlorobenzene	-	 	Not detected	1	Not detected	10
1,3-Dichlorobenzene		-	Not detected	1	Not detected	10
1,4-Dichlorobenzene		 	Not detected	1	Not detected	10
Dichlorodifluoromethane			Not detected	1	Not detected	10
1,1-Dichloroethane			Not detected	1	Not detected	10
1,2-Dichloroethane	_		Not detected	1	Not detected	10
1,1-Dichloroethylene			Not detected	1	Not detected	10
1,2-Dichloroethylene (Total)			10	1	Not detected	10
1,2-Dichloropropane			Not detected	1	Not detected	10
1,3-Dichloropropane			Not detected	1	Not detected	10
2,2-Dichloropropane			Not detected	1	Not detected	10
1,1-Dichloropropylene			Not detected	1	Not detected	10
cis-1,3-Dichloropropylene			Not detected	1	Not detected	10
trans-1,3-Dichloropropylene	<u> </u>	-	Not detected	1	Not detected	10
Ethylbenzene		-	Not detected	1	Not detected	10
Hexachlorobutadiene			Not detected	1	Not detected	10
Isopropylbenzene			Not detected	1	Not detected	10
p-Isopropyltoluene			Not detected	1	Not detected	10
Methylene chloride			Not detected	1	Not detected	10
Naphthalene			Not detected	1	Not detected	10
n-Propylbenzene			Not detected	1	Not detected	10
Styrene		_	Not detected	1	Not detected	10
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	10
Tetrachloroethylene			Not detected	1	140	10
Toluene		-	Not detected	1	Not detected	10
1,2,3-Trichlorobenzene			Not detected	1	Not detected	10
1,2,4-Trichlorobenzene		_	Not detected	1	Not detected	10
1,1,1-Trichloroethane			Not detected Not detected	1	24	10
1,1,2-Trichloroethane			Not detected	1	Not detected	10
Trichloroethylene			12	1	1100	10
Trichlorofluoromethane			Not detected	1	Not detected	10
1,2,3-Trichloropropane			Not detected	1	Not detected Not detected	10
1,2,3-Trimethylbenzene	<u> </u>		Not detected	1	Not detected	10
1,2,4-Trimethylbenzene			Not detected	1	63	10
1,3,5-Trimethylbenzene			Not detected	1	30	10
Vinyl chloride		_	Not detected	10	Not detected	100
o-Xylene			Not detected	1	Not detected	10
p- & m-Xylenes		 	Not detected	1	Not detected	10
BNA-8270 List water	SW846-8270	ug/L		<u>`</u>		
Acenaphthene	55.6.5270		Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene			Not detected	10	Not detected	10
Benzo(b)fluoranthene		_	Not detected	10	Not detected	10
	<u> </u>					



Client Sample ID		T	GW-B-7		GW-B-8	
York ID			98120062-09		98120062-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(1)pyrene		 	Not detected	10	Not detected	10
Benzyl alcohol			Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane		-	Not detected	10	Not detected	10
Bis(2-chloroethyl)ether		+	Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether		 	Not detected	10	Not detected	10
Bis(2-ethylhexyl)phthalate			Not detected	10	Not detected	10
4-Bromophenyl phenyl ether		 	Not detected	10	Not detected	10
Butyl benzyl phthalate		 	Not detected	10	Not detected	10
4-Chloroaniline		 	Not detected	10	Not detected	10
2-Chloronaphthalene		 	Not detected	10	Not detected	10
4-Chloro-3-methyl phenol	<u> </u>	+	Not detected	10	Not detected	10
2-Chlorophenol	<u> </u>	+	Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10	Not detected	10
Chrysene	<u> </u>	+	Not detected	10	Not detected	10
Dibenz(a,h)anthracene			Not detected	10	Not detected	10
Dibenzofuran Dibenzofuran		+	Not detected Not detected	10	Not detected	10
Di-n-butylphthalate	<u> </u>	 	Not detected	10	Not detected Not detected	10
		+		10		10
1,3-Dichlorobenzene			Not detected		Not detected	
1,4-Dichlorobenzene		+	Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine		 	Not detected	10	Not detected	10
2,4-Dichlorophenol		ļ <u> </u>	Not detected	10	Not detected	10
Diethylphthalate			Not detected	10	Not detected	10
2,4-Dimethylphenol		 	Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10
4,6-Dinitro-2-methylphenol			Not detected	50	Not detected	50
2,4-Dinitrophenol			Not detected	50	Not detected	50
2,4-Dinitrotoluene			Not detected	10	Not detected	10
2,6-Dinitrotoluene			Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene		<u> </u>	Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Hexachlorocyclopentadiene		_	Not detected	10	Not detected	10
Hexachloroethane		<u> </u>	Not detected	10	Not detected	10
Indeno(1,2,3-cd)pyrene		 	Not detected	10	Not detected	10
Isophorone		 	Not detected	10	Not detected	10
2-Methylnaphthalene		ļ	Not detected	10	Not detected	10
2-Methylphenol		 	Not detected	10	Not detected	10
4-Methylphenol		 	Not detected	10	Not detected	10
Naphthalene		ļ	Not detected	10	Not detected	10
2-Nitroaniline			Not detected	50	Not detected	50
3-Nitroaniline			Not detected	50	Not detected	50
4-Nitroaniline			Not detected	50	Not detected	50
Nitrobenzene			Not detected	10	Not detected	10
2-Nitrophenol			Not detected	10	Not detected	10



Client Sample ID			GW-B-7		GW-B-8	
York ID			98120062-09		98120062-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Nitrophenol			Not detected	50	Not detected	50
N-Nitrosodiphenylamine			Not detected	10	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10	Not detected	10
Pentachlorophenol			Not detected	50	Not detected	50
Phenanthrene			Not detected	10	Not detected	10
Phenol			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
2,4,5-Trichlorophenol			Not detected	10	Not detected	10
2,4,6-Trichlorophenol			Not detected	10	Not detected	10

Client Sample ID			GW-PW	
York ID			98120062-11	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L		
Benzene			Not detected	20
Bromobenzene			Not detected	20
Bromochloromethane			Not detected	200
Bromodichloromethane			Not detected	200
Bromoform			Not detected	20
Bromomethane		,	Not detected	200
n-Butylbenzene			Not detected	20
sec-Butylbenzene			Not detected	20
tert-Butylbenzene			21	20
Carbon tetrachloride			Not detected	20
Chlorobenzene			Not detected	20
Chloroethane			Not detected	20
Chloroform			Not detected	200
1-Chlorohexane			Not detected	20
Chloromethane			Not detected	200
2-Chlorotoluene			Not detected	20
4-Chlorotoluene			Not detected	20
Dibromochloromethane			Not detected	20
1,2-Dibromo-3-chloropropane			Not detected	20
1,2-Dibromoethane			Not detected	20
Dibromomethane			Not detected	20
1,2-Dichlorobenzene			Not detected	20
1,3-Dichlorobenzene			Not detected	20
1,4-Dichlorobenzene			Not detected	20
Dichlorodifluoromethane			Not detected	20
1,1-Dichloroethane			Not detected	20
1,2-Dichloroethane			Not detected	20
1,1-Dichloroethylene			Not detected	20
1,2-Dichloroethylene (Total)			3100	20
1,2-Dichloropropane			Not detected	20
1,3-Dichloropropane			Not detected	20

Client Sample ID			GW-PW	
York ID			98120062-11	
Matrix		 	WATER	<u> </u>
Parameter	Method	Units	Results	MDL
2,2-Dichloropropane			Not detected	20
1,1-Dichloropropylene			Not detected	20
cis-1,3-Dichloropropylene	 		Not detected	20
trans-1,3-Dichloropropylene			Not detected	20
Ethylbenzene			Not detected	20
Hexachlorobutadiene			Not detected	20
Isopropylbenzene			Not detected	20
p-Isopropyltoluene		T	Not detected	20
Methylene chloride			Not detected	20
Naphthalene			Not detected	20
n-Propylbenzene		 	24	20
Styrene			Not detected	20
1,1,1,2-Tetrachloroethane	 	·	Not detected	20
1,1,2,2-Tetrachloroethane			Not detected	20
Tetrachloroethylene	 		160	20
Toluene			Not detected	20
1,2,3-Trichlorobenzene			Not detected	20
1,2,4-Trichlorobenzene			Not detected	20
1,1,1-Trichloroethane	-		50	20
1,1,2-Trichloroethane	-		Not detected	20
Trichloroethylene		-	6300	20
Trichlorofluoromethane			Not detected	20
1,2,3-Trichloropropane	 		Not detected	20
1,2,3-Trimethylbenzene			Not detected	20
1,2,4-Trimethylbenzene			170	20
1,3,5-Trimethylbenzene			68	20
Vinyl chloride			550	200
o-Xylene	-		Not detected	20
p- & m-Xylenes		-	Not detected	20
BNA-8270 List water	SW846-8270	ug/L		
Acenaphthene			Not detected	10
Acenaphthylene		_	Not detected	10
Anthracene			Not detected	10
Benzo(a)anthracene			Not detected	10
Benzo(b)fluoranthene			Not detected	10
Benzo(k)fluoranthene			Not detected	10
Benzo(g,h,i)perylene			Not detected	10
Benzo(a)pyrene			Not detected	10
Benzyl alcohol			Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10
Bis(2-chloroethyl)ether			Not detected	10
Bis(2-chloroisopropyl)ether			Not detected	10
Bis(2-ethylhexyl)phthalate			Not detected	10
4-Bromophenyl phenyl ether			Not detected	10
Butyl benzyl phthalate			Not detected	10
4-Chloroaniline			Not detected	10
2-Chloronaphthalene		L	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10
2-Chlorophenol			Not detected	10

Client Sample ID	T		GW-PW	
York ID		 	98120062-11	
Matrix	 	 	WATER	
Parameter	Method	Units	Results	MDL
4-Chlorophenyl phenyl ether		+ C.I.I.S	Not detected	10
Chrysene	 -		Not detected	10
Dibenz(a,h)anthracene		 	Not detected	10
Dibenzofuran			Not detected	10
Di-n-butylphthalate	 		Not detected	10
1,3-Dichlorobenzene		 	Not detected	10
1,4-Dichlorobenzene	<u> </u>		Not detected	10
1,2-Dichlorobenzene			Not detected	10
3,3'-Dichlorobenzidine			Not detected	10
2,4-Dichlorophenol	 		Not detected	10
Diethylphthalate	 		Not detected	10
2,4-Dimethylphenol	 	 	Not detected	10
Dimethylphthalate	 	 	Not detected	10
4,6-Dinitro-2-methylphenol	 		Not detected	50
2,4-Dinitrophenol		-	Not detected Not detected	50
2,4-Dinitrotoluene	 		Not detected	10
2,4-Dinitrotoluene	 		Not detected Not detected	10
	 		Not detected Not detected	10
Di-n-octylphthalate Fluoranthene	 			
		 	Not detected	10
Fluorene		-	Not detected	10
Hexachlorobenzene	 		Not detected	10
Hexachlorobutadiene		-	Not detected	10
Hexachlorocyclopentadiene		-	Not detected	10
Hexachloroethane	 		Not detected	10
Indeno(1,2,3-cd)pyrene		 	Not detected	10
Isophorone			Not detected	
2-Methylnaphthalene	ļ		Not detected	10
2-Methylphenol	· · · · · · · · · · · · · · · · · · ·		Not detected Not detected	10
4-Methylphenol		 		10
Naphthalene	 		Not detected	10
2-Nitroaniline	<u> </u>	<u> </u>	Not detected	50
3-Nitroaniline			Not detected	50
4-Nitroaniline			Not detected	50
Nitrobenzene			Not detected	10
2-Nitrophenol	 		Not detected	10
4-Nitrophenol	 		Not detected	50
N-Nitrosodiphenylamine	-	<u> </u>	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10
Pentachlorophenol	 		Not detected	50
Phenanthrene			Not detected	10
Phenol			Not detected	10
Pyrene	ļ		Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
2,4,5-Trichlorophenol	ļ		Not detected	10
2,4,6-Trichlorophenol	<u> </u>		Not detected	10

Report Date: 12/08/98 Client Project ID: 26N Rt 9W

York Project No.: 98120062

Units Key:

For Waters/Liquids: mg/L = ppm; ug/L = ppb

For Soils/Solids: mg/kg = ppm; ug/kg = ppb

Date: <u>12/08/98</u>

Notes:

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. If dilution factor is reported at the end of the compound list, the MDL is determined by multiplying the MDL times the listed dilution factor.

- 2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- 3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.

Approved By:

Robert Q. Bradley

Managing Director

YORK ANALYTICAL LABORATORIES, INC.

QA/QC Summary Report

Associated Samples: AA51659

11-Dec-98

Client: Ballard Engineering

Analysis Name: BNA QC

Batch Name: \$BNA-247

QA Sample #: AA51659

Unit of Measure: ppb

Darameter		Unspiked			Matrix Spil	ke		Spike Duplicate	•
Parameter	LCS(%)	Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
Pentachlorophenol		Not detected							
1,4-Dichlorobenzene		Not detected							
2,4-Dinitrotoluene		Not detected							
2-Chlorophenol		Not detected							
4-Chloro-3-methylph		Not detected							
4-Nitrophenol		Not detected							
1,2,4-Trichlorobenze		Not detected							
N-Nitroso-di-n-propyl		Not detected							
Phenoi		Not detected							
Pyrene		Not detected							
Acenapthene		Not detected							

Associated Samples: AA51659

11-Dec-98

Client: Ballard Engineering

Analysis Name: VOA QC

Batch Name: \$VOA1-248

QA Sample #: AA51659

Unit of Measure: ppb

D		11	Matrix Spike				Spike Duplicate		
Parameter	LCS(%)	Unspiked Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
Trichloroethylene	85	Not detected	Not detected	50	41	82.0	43	86.0	4.8
1,1-Dichloroethylene	72	Not detected	Not detected	50	32	64.0	31	62.0	3.2
Зепzene	93	Not detected	Not detected	50	45	90.0	47	94.0	4.3
Chlorobenzene	110	Not detected	Not detected	50	52	104.0	58	116.0	10.9
ſoluene	95	Not detected	Not detected	50	57	114.0	53	106.0	7.3

Field Chain-of-Custody Record

RUSH(define)

Standard

ANALYTICAL LABORATORIES, INC.

BVIRC HORASASH SHO

BTAMFORD, CT 06906

(ougop)	Furn-Around Time							suc	ial Instructi	Comments/Spec
Oste/T/əseQ	Sample Received in AB by	əwi	T\əteO	рλ	bədsin	Sample Relind	;	Date/Time	tin Field by	Bottles Received
Date/Time	Sample Received by	- 25/ 8 P/	Z /11	No.	M bedsiu	LAMA Relinque		 -		Chain-of-Custo
	Same and the second	A CONTRACTOR OF THE PARTY OF TH	100	/	September 1		Sa Carlo	Maria Paris		
a a	<u> </u>				A	1741	♠	Ç	r 8	B-GMY
						7141			-9	L-8mh
						0751		0)-9	9-57 mg
						1350			y-8	>- GWP
						1151		+	1-61	4.51 Mg
						0181			9	5-6WP
						1302		1	-8	7-8 MG
		,				1300		-	1-8	1-8-MB
1m: 07-7	6718 AJULE 1506	Phasol				1235	1	Hush	PP:J	E-1-m5
2-بى اس 1	1208	4 701			Χ	86	1411	- Arala	MI	EL.
Container Description(s)	YSES REQUESTED	JANA	Matrix Air OTHER	Sample lio2 19	otsW	ampled	S əte S	Ql\noit	Гос	Sample No.
ed By (Signafure)	Samples Collect	NEW KOKK	18 mchas			779 36 WOL 726	اسط	whyse bod	'h'	738 136 woodsl 14, AD WN
V 4	THE TOP MAN	oN\OI toej				iovnl		Report	Name	Company
•								99 L D-45 E	(EDS) XA7 (461-626 (602)

(203) 325-1371 FAX (203) 357-0166 STAMFORD, CT 06906 ONE RESEARCH DRIVE

Field Chain-of-Custody Record

Description(s) Container Samples Collected By (Signature) _RUSH(define)_ Name (Printed) while Bring ANALYSES REQUESTED Turn-Around Time VOC. BY BOLL, Suschy 9273 Standard Project ID/No. Congines, r.y. 26 N Rt 9W Date/Time Date Sampled water Soil Air OTHER Sample Matrix The 36 woodglendr. New Chy, N. 4. Invoice To: Sample Relinquished by 11/27 1942 1335 The state of the s WAYNE BRUME Report To: Date/Time GW-PW Priduction Well Location/ID Comments/Special Instructions Bottles Relinquished from Lab by Chain-of-Custody Record Bac 36 woodgler D. Bottles Received in Field by Company Name New Cty, N.Y. Sample No.

YORK

Laboratory Chain-of-Custody Record

for York Project No. 98120062

•	1	
Date:	12/2	198

page 1 of __

ONE RESEARCH DRIVE

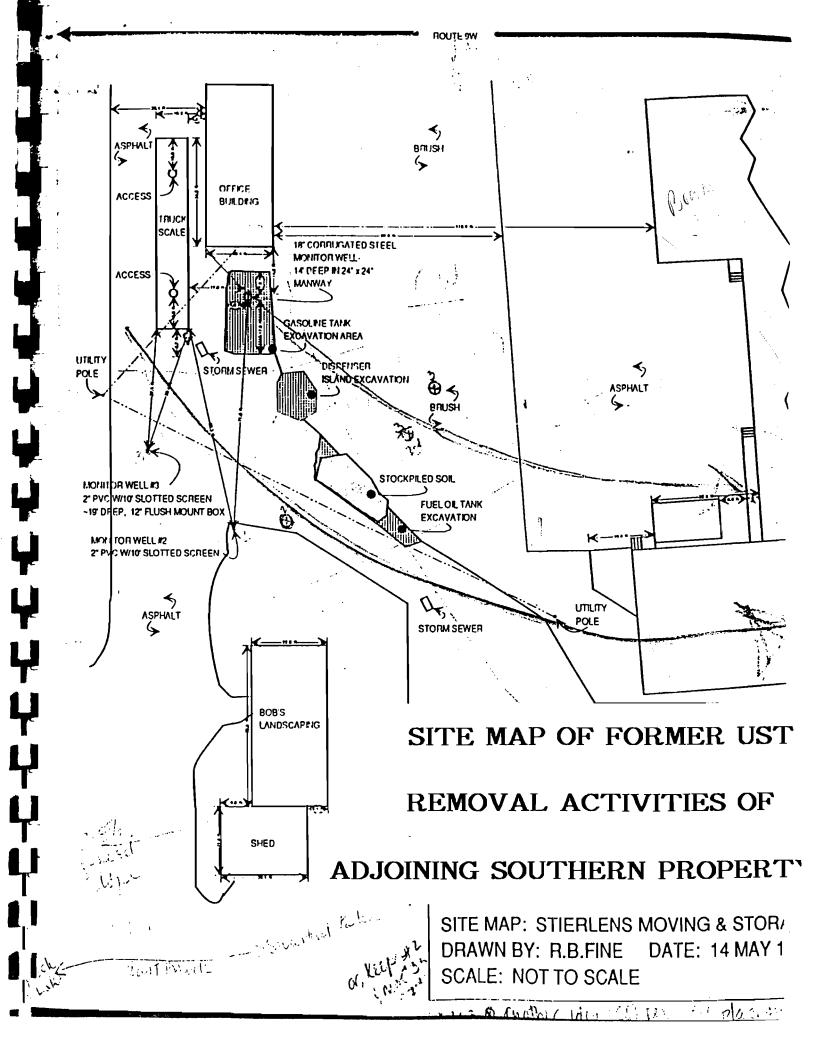
STAMFORD, CT 06906

(203) 325-1371

FAX (203) 357-0166

ALL SAMPLES RECEIVED IN PROPER CONDITION: YES _____ NO ____

Lab Sample No.	Removed By	Date&Time	Reason (ch	eck and ente	er rea son)	Date & Time Returned	
120062-02-11	55	9:00PM 1213198	Extraction for Prep. for	Analysis for	BNA	6.30	Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for	<u> </u>		Consumed
		 	Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Con şu med
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consum ed
			Extraction forPrep. for	Analysis for			Consumed
			Extraction forPrep. for	Analysis for			Consumed
Remarks							



Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
' Parameter	Method	Units	Results	MDL	Results	MDL
' Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	1	Not detected	i
Bromomethane		 	Not detected	10	Not detected	10
n-Butylbenzene		_	Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Carbon tetrachloride		1	Not detected	i	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane	 _		Not detected	1	Not detected	1
Chloroform			Not detected	10	Not detected	10
1-Chlorohexane		 	Not detected	1	Not detected	1
Chloromethane		 	Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane	<u>_</u>		Not detected	1	Not detected	1
1,2-Dibromoethane	_ _		Not detected	1	Not detected	1
Dibromomethane		 	Not detected	1	Not detected	1
1,2-Dichlorobenzene	- -	 	Not detected	1	Not detected	1
1,3-Dichlorobenzene		<u> </u>	Not detected	1	Not detected	1
			Not detected	1	Not detected	1
1,4-Dichlorobenzene Dichlorodifluoromethane					Not detected	1
			Not detected Not detected	1	Not detected	1
1,1-Dichloroethane 1,2-Dichloroethane		-	Not detected	1	Not detected Not detected	1
	_	 			Not detected	
1,1-Dichloroethylene			Not detected 46	1	200	1
1,2-Dichloroethylene (Total)	_			1	Not detected	1
1,2-Dichloropropane	·	<u> </u>	Not detected	1		1
1,3-Dichloropropane			Not detected	1	Not detected	
2,2-Dichloropropane			Not detected	1	Not detected	1
1,1-Dichloropropylene		-	Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	12	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
p-Isopropyltoluene	 ,		Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene		-	Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
Styrene		 	Not detected	1	Not detected	1
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane		 	Not detected	1	Not detected	1
Tetrachloroethylene		ļ <u>.</u>	Not detected	1	Not detected	1
Toluene		ļ	Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene		 	Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
Trichloroethylene			10	1	Not detected	1



Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
' Parameter	Method	Units	Results	MDL	Results	MDL
Trichlorofluoromethane			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
Vinyl chloride			16	10	160	10
o-Xylene			Not detected	1	2	1
p- & m-Xylenes			Not detected	1	9	1
BNA-8270 List water	SW846-8270	ug/L				
Acenaphthene			Not detected	10	Not detected	10
Acenaphthylene			Not detected	10	Not detected	10
Anthracene			Not detected	10	Not detected	10
Benzo(a)anthracene			Not detected	10	Not detected	10
Benzo(b)fluoranthene			Not detected	10	Not detected	10
Benzo(k)fluoranthene			Not detected	10	Not detected	10
Benzo(g,h,i)perylene			Not detected	10	Not detected	10
Benzo(a)pyrene			Not detected	10	Not detected	10
Benzyl alcohol		i	Not detected	10	Not detected	10
Bis(2-chloroethoxy)methane			Not detected	10	Not detected	10
Bis(2-chloroethyl)ether			Not detected	10	Not detected	10
Bis(2-chloroisopropyl)ether			Not detected	10	Not detected	10
Bis(2-ethylhexyl)phthalate			Not detected	10	Not detected	10
4-Bromophenyl phenyl ether			Not detected	10	Not detected	10
Butyl benzyl phthalate		_	Not detected	10	Not detected	10
4-Chloroaniline			Not detected	10	Not detected	10
2-Chloronaphthalene			Not detected	10	Not detected	10
4-Chloro-3-methyl phenol			Not detected	10	Not detected	10
2-Chlorophenol			Not detected	10	Not detected	10
4-Chlorophenyl phenyl ether			Not detected	10	Not detected	10
Chrysene			Not detected	10	Not detected	10
Dibenz(a,h)anthracene			Not detected	10	Not detected	10
Dibenzofuran			Not detected	10	Not detected	10
Di-n-butylphthalate			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
3,3'-Dichlorobenzidine			Not detected	10	Not detected	10
2,4-Dichlorophenol			Not detected	10	Not detected	10
Diethylphthalate			Not detected	10	Not detected	10
2,4-Dimethylphenol			Not detected	10	Not detected	10
Dimethylphthalate			Not detected	10	Not detected	10
4,6-Dinitro-2-methylphenol			Not detected	50	Not detected	50
2,4-Dinitrophenol			Not detected	50	Not detected	50
2,4-Dinitrotoluene			Not detected	10	Not detected	10
2,6-Dinitrotoluene			Not detected	10	Not detected	10
Di-n-octylphthalate			Not detected	10	Not detected	10
Fluoranthene			Not detected	10	Not detected	10
Fluorene			Not detected	10	Not detected	10
Hexachlorobenzene			Not detected	10	Not detected	10

Client Sample ID			GW-B-5		GW-B-6	
York ID			98120062-07		98120062-08	
Matrix			WATER		WATER	
· Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobutadiene			Not detected	10	Not detected	10
Hexachlorocyclopentadiene			Not detected	10	Not detected	10
Hexachloroethane			Not detected	10	Not detected	10
Indeno(1,2,3-cd)pyrene			Not detected	10	Not detected	10
Isophorone			Not detected	10	Not detected	10
2-Methylnaphthalene			Not detected	10	Not detected	10
2-Methylphenol			Not detected	10	Not detected	10
4-Methylphenol			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
2-Nitroaniline			Not detected	50	Not detected	50
3-Nitroaniline			Not detected	50	Not detected	50
4-Nitroaniline			Not detected	50	Not detected	50
Nitrobenzene			Not detected	10	Not detected	10
2-Nitrophenol			Not detected	10	Not detected	10
4-Nitrophenol			Not detected	50	Not detected	50
N-Nitrosodiphenylamine			Not detected	10	Not detected	10
N-Nitrosodi-n-propylamine			Not detected	10	Not detected	10
Pentachlorophenol			Not detected	50	Not detected	50
Phenanthrene			Not detected	10	Not detected	10
Phenol			Not detected	10	Not detected	10
Pyrene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
2,4,5-Trichlorophenol			Not detected	10	Not detected	10
2,4,6-Trichlorophenol			Not detected	10	Not detected	10

Client Sample ID			GW-B-7		GW-B-8	
York ID			98120062-09		98120062-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list water	SW846-8260	ug/L				
Benzene			Not detected	1	Not detected	10
Bromobenzene			Not detected	1	Not detected	10
Bromochloromethane	Ţ		Not detected	10	Not detected	100
Bromodichloromethane			Not detected	10	Not detected	100
Bromoform			Not detected	1	Not detected	10
Bromomethane			Not detected	10	Not detected	100
n-Butylbenzene			Not detected	1	Not detected	10
sec-Butylbenzene			Not detected	1	Not detected	10
tert-Butylbenzene	Ţ		Not detected	1	Not detected	10
Carbon tetrachloride			Not detected	1	Not detected	10
Chlorobenzene			Not detected	1	Not detected	10
Chloroethane			Not detected	1	Not detected	10
Chloroform			Not detected	10	Not detected	100
1-Chlorohexane			Not detected	1	Not detected	10
Chloromethane			Not detected	10	Not detected	100
2-Chlorotoluene			Not detected	ı	Not detected	10
4-Chlorotoluene			Not detected	1	Not detected	10

