

April 28, 2004

Ms. Diane DeCamilla M&T Bank 4925 Main Street Amherst, NY 14226

Re:

Limited and Focused Subsurface Soil Investigation

Vacant Commercial Property 2530 Hamburg Turnpike Lackawanna, New York LCS Project #04B193.22 NYSDEC Spill No. 04-75033

Dear Ms. DeCamilla:

CORPORATE OFFICE
P.O. Box 406
Buffalo, New York 14205
716-845-6145
1-800-474-6802
FAX 716-845-6164
mail@lenderconsulting.com



DOUGLAS B. REID
Vice President, Environmental Services

P.O. Box 406 Buffalo, New York 14205 e-mail:dreid@lenderconsulting.com 716-845-6145 1-800-474-6802 Fax:716-845-6164

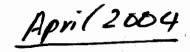
At your request, Lender Consulting Services, Inc. (LCS) performed a limited and focused subsurface soil investigation at 2530 Hamburg Turnpike, Lackawanna, New York (See Figure 1) on April 1, 2004. This investigation was recommended based on the information summarized in LCS' Transaction Screen Environmental Site Assessment report dated February 18, 2004. Through that study, LCS discovered the following issues warranting further study.

- According to Mr. Frank Mathews Jr., representing the owner of the subject property, the northern edge
 of the subject property has historically been used as a gasoline station. This is referred to as
 "Station No. 1," below.
- LCS reviewed "Phase I Environmental Site Assessment, Bethlehem Steel Corp. Surplus Land No. 7,
 Dona and Wilmuth Streets, Lackawanna, N.Y. 14218," prepared by Empire Soils Investigations (ESI)
 for the Bethlehem Steel Corporation-Reclamation Department, dated November 1990. According to
 this previous study, the lot immediately north of the subject property was formerly owned by Atlantic
 Richfield. ESI recommended soil and water sampling at that former station but made no reference to
 the former station at the subject property.
- LCS also reviewed "Environmental Evaluation, Surplus Land No. 7, Hamburg Turnpike, Dona Street, Wilmuth Street and Swan Street, Lackawanna, N.Y.," prepared by Maxim-ESI for Bethlehem Steei Corporation-Reclamation Department, dated May 1996. Based on the drawing within the report, Maxim-ESI's study included former Station No. 1.
- LCS reviewed, historical maps dating 1927, 1950, and 1981. Based on those maps, the subject
 property has been identified as being developed with a filling station and three gasoline tanks in at
 least 1950. This was NOT the same station as identified above and referred to as "Station No. 2,"
 below.

The purpose of this intrusive study was to better assess the likelihood that soils in the suspected area of the historic gas station identified on the Sanborn maps had been impacted by volatile organic compounds (VOCs) and/or semi-volatile organic compounds (SVOCs) typically associated with petroleum. Soil samples were collected for stratigraphic characterization and field monitoring with selected samples submitted for laboratory analysis. The scope was not intended to assess the extent of any soil impact or to assess groundwater quality.







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Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected soils were placed on ice. The samples were then submitted, under standard chain-of-custody, to a New York State Department of Health (NYSDOH) approved laboratory, for analysis in accordance with United States Environmental Protection Agency (USEPA) SW-846 Methods 8260 [STARS list plus 10 Tentatively Identified Compounds (TICs)] for VOCs and 8270 [STARS list plus 20 TICs] for VOCs and S-VOCs, respectively.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed
BH2 (14-16 ft. bgs)	8260 STARS List + 10 TICs
BH3 (2-4 ft. bgs)	8260 STARS List + 10 TICs / 8270 STARS List + 20 TICs
BH4 (4-6 ft. bgs)	8260 STARS List + 10 TICs
BH5 (6-8 ft. bgs)	8260 STARS List + 10 TICs
BH7 (14-16 ft. bgs)	8260 STARS List + 10 TICs
BH8 (6-8 ft. bgs)	8260 STARS List + 10 TICs / 8270 STARS List + 20 TICs

Results of Field Investigation

Eight boreholes (BH1 through BH8) were completed in accessible areas associated with the former UST area of Station No. 2 as identified by the historic Sanborn maps (See Figure 2). A total of 55 soil samples were collected for geologic description. The boreholes generally encountered miscellaneous sandy gravel (slag), gravel (slag) and silty clay fill material to depths of approximately 16 ft. bgs. Apparent groundwater was encountered in all the test borings at approximately 11 ft. bgs.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in all the samples collected. These elevated concentrations ranged from 0.3 parts per million (ppm) to 1,903 ppm (BH3, 6-8 ft. bgs). Petroleum-type odors were detected in every test boring location. A suspect petroleum-type sheen was also observed in BH1, BH5, and BH8. In LCS' experience, the PID measurements and field observations suggest some petroleum impact.

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Analytical Testing Results

The soil samples collected and analyzed detected the following analytes. The respective concentrations as well as applicable regulatory guidance values are also listed for comparison. Analytes not detected are not shown.



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Soil - VOC Analysis by 8260 (STARS list+10 TICs)

3011 - VOC Analysis by 6200 (OTAINS list: 10 1100)											
	BH2 (14-16 ft.	BH3 (2-4 ft.	BH4 (4-6 ft.	BH5 (6-8 ft.	BH7 (14-16 ft.	BH8 (6-8 ft.	\$TAR\$ Memo #1 Guidance	NYSDEC Guidance			
Compound	bgs)	bgs)	bgs)	bgs)	bgs)	bgs)	Values	Value			
	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg	μg/kg			
benzene	<10	15	<10	73	<8	43	14	60 or MDL			
toluene	<10	29	<10	139	17	376	100	1,500			
ethylbenzene	<10	372	<10	4,140	48	12,700	100	5,500			
m,p-xylene	<20	832	<20	7,930	114	40,400	100	1,200*			
o-xylene	<10	75	<10	85	21	254	100	1,200*			
isopropylbenzene	<10	106	<10	371	52	532	100	2,300			
n-propylbenzene	<10	245	<10	795	92	12,200	100	3,700			
1,3,5-trimethylbenzene	<10	342	<10	1,150	41	23,300	100	3,300			
tert-butylbenzene	<10	<10	<10	<10	<8	<10	100	10,000**			
1,2,4-trimethylbenzene	23	13,300	19	18,500	185	115,000	. 100	10,000**			
sec-butylbenzene	<10	49	<10	90	31	234	100	10,000**			
n-butylbenzene	<10	253	· <10	364	40	1,020	100	10,000**			
p-isopropyltoluene	<10	44	.<10.	82	<8	132	100	10,000**			
naphthalene	<10	230	<10	554	21	1,010	200	13,000			
TICs	296	6,109	653	10,570	5,187	5,571	. NA	10,000**			

μg/kg = micrograms per kilogram

NYSDEC Guidance Values = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046):
Determination of Soil Cleanup Objectives and Cleanup levels and addendum (August, 2001).

* NYSDEC guidance value is the sum of m,p-xylene and o-xylene.

** As per TAGM 4046 individual and sum of VOCs not listed (tentatively identified compounds (TICs)) must be less than or equal to 10,000 µg/kg.

< = Analyte was not detected at the detection level indicated.

NA = Not Applicable

MDL = Method Detection Limit

Bold = Analyte detected above STARS Memo #1 Guidance Values

= Analyte detected above NYSDEC TAGM 4046-94 (Revised August 2001) Recommended Soil Cleanup Objectives.



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Soil - SVOC Analysis by 8270 STARS list + 20 TICs

Con Croc / maryona by serve of the first serve s										
Compound	BH3 (2-4 ft. bgs) μg/kg	ВН8 (6-8 ft. bgs) µg/kg	STARS Memo #1 Guidance Values µg/kg	NYSDEC Guidance Value μg/kg						
naphthalene	<67	372	200	13,000						
benzo (a) anthracene	590	<67	0.04	224 or MDL						
benzo (b) fluoranthene	395	<67	0.04	220 or MDL						
benzo (k) fluoranthene	480	<67	0.04	220 or MDL						
benzo (g, h, i) perylene	236	<67	0.04	50,000**						
benzo (a) pyrene	455	<67	0.04	61 or MDL						
chrysene	530	<67	0.04	400						
dibenzo (a, h) anthracene	135	<67	1,000	14.3 or MDL						
fluoranthene	836	<67	1,000	50,000**						
fluorene	95	<67	1,000	50,000**						
indeno (1, 2, 3-cd) pyrene	249	<67	.04 [4]	3,200						
phenanthrene	433	<67	1,000	50,000**						
pyrene	686	<67	1,000	50,000**						
Total Estimated TICs	21,960 J	4,020 J	NA	500,000**						

μg/kg = micrograms per kilogram

NYSDEC Guidance Values = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046):

Determination of Soil Cleanup Objectives and Cleanup levels and addendum (August, 2001).

** As per TAGM 4046, individual non-carcinogenic SVOCs must be ≤ 50,000 μg/kg and total SVOCs not listed (tentatively identified compounds, TICs) must be ≤ 500,000 μg/kg.

J = This value is estimated.

MDL = Method Detection Limit

NA = Not Analyzed

Bold = Analyte detected above STARS Memo #1 Guidance Value

= Analyte detected above NYSDEC TAGM 4046-94 (Revised August 2001) Recommended Soil Cleanup Objectives.



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Conclusion

Based on the results of the investigation completed, impacted soils (i.e., soils exhibiting petroleum-type odors or sheening, and/or resulted in elevated analytical results for specific analytes) were discovered in several locations on-site, as summarized below.

Borehole Petroleum-type odors		Petroleum-	Analytical Testing	Analytical Results	Analytical Results
	100	type sheen	Performed	above STARS	above TAGM
BH1	11-16 ft. bgs	12-16 ft. bgs	None	NA NA	NA NA
BH2	13-16 ft. bgs	None	VOCs	None	None
внз	2-16 ft. bgs	None	VOCs, SVOCs	VOCs, SVOCs	VOCs, SVOCs
BH4	4-6 and 14-16 ft. bgs	None	VOCs	None	None
BH5	4-16 ft. bgs	8-16 ft. bgs	VOCs	VOCs	VOCs
BH6	14-16 ft. bgs	None	None	NA	, NA
BH7	14-16 ft. bgs	None	VOCs	VOCs	. VOCs
BH8	4-16 ft. bgs	12-16 ft. bgs	VOCs, SVOCs	VOCs	None

NA = Not Analyzed

Based on the analytical results of this investigation, VOC-impacted soils and SVOC-impacted were discovered on-site. This study is subject to the limitations located within the appendix.

Recommendations

A copy of this report should be provided to the NYSDEC for their review. Prior to initiation of any remedial activities, further investigation is recommended to assess groundwater for impact and to better determine the extent of on-site contamination. Any study should include additional borings proximate to Station No. 1 to assess whether that station resulted in some of the observed impact noted on-site that was not identified in the previous study. LCS can provide a cost estimate for completion of any additional work required.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

Jeffrey M. Rowley

Geologist

Reviewed by:

Douglas B. Reid

VP, Environmental Services

Environmental Scientist

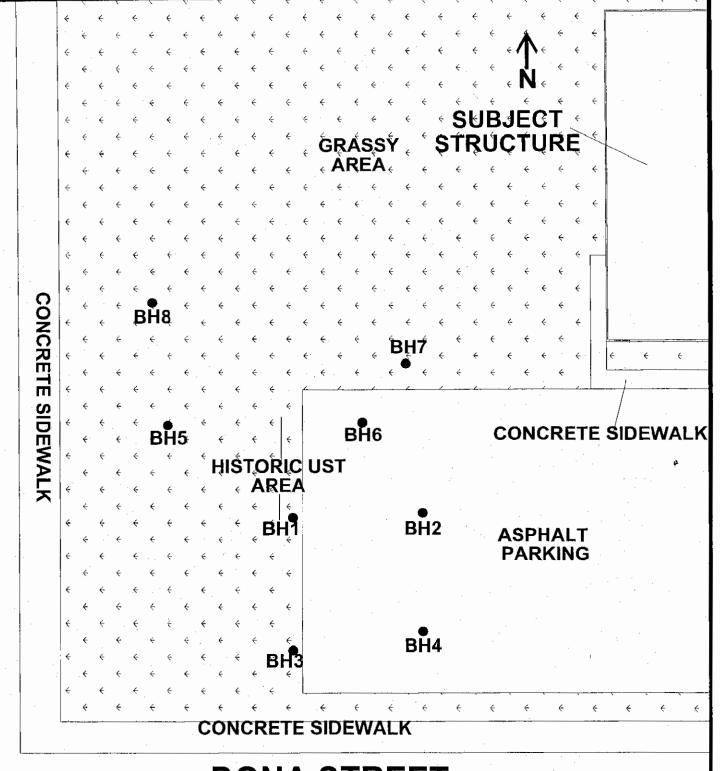
Attachments



SITE LOCATION MAP



SUBSURFACE INVESTIGATION MAP



DONA STREET



FIGURE 2 - SITE INVESTIGATION PLAN

2530 HAMBURG TURNPIKE LACKAWANNA, NEW YORK

APRIL 2004

Drawn by: DPS

Checked by: DBR

Scale: Approx. 1 inch = 20 ft.

LCS Project #04B193.22



preference detrapations despt (precedence) (2) 62,623,663,633,73,93 (21,623,62),62,623,73,93	T (70	In	^
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No CONCRETE STORY IN		\sim \sim		

PROJEC	T/ LOCATION	ON:	2530	Hamburg Turr	npike, La	ickawanna, N	lew York	PROJECT N	No	04B193.22
CLIENT:			<u> </u>	M&T Ba	nk			WELL/BOR	ING No.	BH1
DATE ST	TARTED:	4/0	1/04	DATE CON	IPLETE	D:	4/01/04	RECORDE	D BY:	JMR
GROUNI	DWATER D	EPTH W	HILE DR	ILLING:	~1	1 ft. bgs	AFTER COM	PLETION:		NA .
WEATHE	ĒR:^	35F, Clou	ıdy	DRILL RIG:	G	eoprobe	DRILLER:		BMS D	illing
DRILL SI	ZE/TYPE:		Macro	o-core	SAMI	PLE HAMME	R: WEIGHT	NA_	FALL _	NA
		<u> </u>	<u> </u>				1			
	DID#IN	.	_						17	
Sample No.	PID/HNu Reading	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	(Unified	Material Class Soil Classificati		ual Manual Method)
	(ppm)									
1	5.4	0-4	U	-	-	15	1	sh brown gravel	ly sand (coarse	e, medium, fine, medium
	0.7	4.6				00	dense, moist)			
2	0.7	4-6	U	_	-	20	3.5-4.5ft: Brow	n sand (fine, de	ense, moist)	
3	0.7	6-8	U		_	20	4 5-12ff: Gravi	ch block cilby of	ov (love plastici	y, stiff to soft, moist to
	0.7	0-0				20	wet)	SIT DIACK SITY CI	ay (low plastici	y, sun to soit, moist to
4	0.5	8-10	U			20	1 ′	:h blue (slag) (a	ngular to sub-	angular, coarse, fine,
	:		<u> </u>				loose, wet)	sido (olag) (o	ingular to out t	ingular, sourse, and,
5	1.0	10-12	U	_	-	20				
							1			
6	27.6	12-16	U	-	-	15				
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NOTES	NA = Not A	oplicable					I Fill to ∼16 ft. bgs			
	ft. bgs = fee		ound surfa	ıce			Slight to strong p		odors @ ~11-1	6 ft. bas
	•									* •
							Petroleum-type s	· · · · · · · · · · · · · · · · · · ·		jo
		*SS - 5	SPLIT-SP	OON SAMPLE	U - U	NDISTURBED	TUBE P - PIS	STON TUBE	C - CORE	

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PROJEC	T/ LOCATION	ON:	2530	Hamburg Turr	pike, La	ckawanna, N	ew York	PROJECT No.	04B193.22
CLIENT:		-		M&⊤ Ba	ınk			WELL/BORING No.	BH2
_				DATE COM	APLETE	D:	4/01/04	RECORDED BY:	JMR
						•		IPLETION:	NA
				DRILL RIG:				BMS	
								NA FALL	
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification an Soil Classification System-	
11	0.3	0-4	U	-		10	0-0.4ft: Aspha	ılt .	
2	0.7	4-6	U	-	_	20	0.4-4.5ft; Blac	kish brown gravelly sand (o	coarse, medium, fine,
3	0.5	6-8	U	_	-	20	4.5-6ft: Brown	nish gray clayey silt (low pla	sticity, moist)
4	0.8	8-10	U	-	-	20	6-8ft: Brown o	slayey sandy silt (low plastic	city, moist)
5	2.7	10-12	U	-	-	20	7	nish gray silty gravelly sand	d (coarse, medium, *
6	1.5	12-14	U			20	7	k brown sandy gravel (ang	ular, coarse, fine.
	1.0	<u>'</u>					dense, moist)		
7	153	14-16	U	•		20			•
]		
	<u> </u>		ļ		-		-		

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~16 ft. bgs

Moderate petroleum-type odors @ ~13-16 ft. bgs

*SS - SPLIT-SPOON SAMPLE

U - UNDISTURBED TUBE

P - PISTON TUBE

C - CORE

LCS Inc.

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l	T/ LOCATIO	אוכ:	2530	Hamburg Turr		ckawanna, N	iew YORK	PROJECT		04B193.22
CLIENT:				M&T Ba				WELL/BORI		
-	TARTED:		1/04				4/01/04	RECORDED) BY:	JMR
GROUNI	DWATER D	EPTH WH	IILE DR	ILLING:	· ~1	1 ft. bgs	AFTER COM	PLETION:		NA
WEATHE	ER:	35F, Clou	ıdy	DRILL RIG:	G	eoprobe	DRILLER:		BMS D	rilling
DRILL SI	ZE/TYPE:		Macr	o-core	_ SAMI	PLE HAMME	R: WEIGHT	NA	FALL _	NA NA
		<u> </u>	ı —		T =		T			
										•
Sample No.	PID/HNu Reading	Depth (Feet)	Type *	Blows/6"	N	Recovery		Material Class		
	(ppm)					(Inches)	(Unified S	Soil Classification	on System-Vis	ual Manual Method)
1	200	0-2	U	<u>-</u>		20	0-4.5ft: Browni	sh black gravel	ly sand (coars	e, medium, fine, medium
							dense, moist)			
2	2,400	2-4	U	_	-	20	4.5-9.5ft; Gray	clayey silt (low	plasticity, moi	st)
										•
3	1,730	4-6	U	-		20	9.5-10.5ft: Brov	wn silty clay (lov	w plasticity, so	ft, moist)
4	1,903	6-8	U	-		20	10.5-14ft: Gray	clayey silt (low	plasticity, mo	ist to wet)
							1 :	٠.		
5	1,020	8-10	U	· -	-	20	14-16ft: Blackis	sh brown sandy	gravel (coars	e, fine, angular,
						· .	dense, moist)(s	slag)	. •	*
6	70	10-12	U	-	-	20				
							ļ			
7	799	12-14	U.			20				
	·.									
8	557	14-16	U		-	20				
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NOTES	NIA == NI-4 A	nlia-t-		11.000						
NOTES	NA ≈ Not Ap ft. bgs = fee		umal acces				Fill to ~16 ft. bgs			
	Staining det	ected @ ~	and suffa 14 ft. bgs	sce S		:	Strong petroleum	-type odors @ ·	~2-16 ft. bgs	·
		*88-9	PLIT-SP	OON SAMPLE	LI - LIN	IDISTURBED 1		TONTURE	0000	
		, 50 0		O O I O MINIT LE	0 - 010	PIOTOKOED	ODE 7-715	TON TUBE	C - CORE	

PARAGRATTI TO TO THE TANK OF T	T	CC	T	_
CLAMARKAETO SALI	•		- I II	"
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PROJEC	T/ LOCATIO	ON:	2530	Hamburg Turn	pike, La	ckawanna, N	lew York	PROJECT N	0.	04B193.22
CLIENT:				M&T Ba	ınk			WELL/BORII	NG No.	BH4
DATE ST	ARTED:	4/0	1/04	_ DATE COM	MPLETED: 4/01/04			RECORDED	BY:	JMR
GROUNI	OWATER D	EPTH WH	IILE DR	ILLING:	~11 ft. bgs AFTER COME			PLETION:		NA
WEATHE	R:	35F, Clou	ıdy	DRILL RIG:	G	eoprobe	DRILLER:		BMS Dri	lling
DRILL SI	ZE/TYPE:	<u>.</u>	Macro	o-core	SAM	PLE HAMMEI	R: WEIGHT	NA	_ FALL _	NA
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)				scription al Manual Method)
1	0.7	0-4	U	-		10	0-0.4ft; Asphal	t		
2	107	4-6	U	-	•	20	medium dense	, moist)		e, medium, fine,
3	9.6	6-8	U		· · · · · · · · · · · · · · · · · · ·	20	4.5-6ft; Browni	sh gray clayey s	ilt (low plasticit	y, moist)
4	2.7	8-10	U		-:	20	6-8ft: Brown cla	ayey sandy silt (low plasticity, r	noist)
. 5	7.8	10-12	U	-		20	.8-14.5ft; Browr	nish gray silty gra	avelly sand (co	arse, medium, 🚜
				.:			fine, medium d	ense, moist to w	et)	
6	7.1	12-14	U		•	20	14.5-16ft: Dark	brown sandy gr	avel (angular,	coarse, finė,
							dense, moist)(s	slag)		
. 7	114	14-16	U	- :		20				
			·							
				· .						
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NOTES	<u> </u>					- 11. - 		MINTER CONTRACTOR	·	
NOTES	NA = Not Ap ft, bgs = feet		and cure				Fill to ~16 ft. bgs			
	ngs - 166						Petroleum-type o	dors @ ~4-6 ft. i	ogs and ~14-1	6 ft. bgs
=		*SS - S	PLIT-SP	OON SAMPLE	U - UN	IDISTURBED	TUBE P-PIS	TON TUBE	C - CORE	

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CLIENT:	PROJEC	T/ LOCATIO	ON:	2530	Hamburg Tum	pike, La	ckawanna, N	lew York	PROJECT No.	04B193.22
GROUNDWATER DEPTH WHILE DRILLING: Geoprobe DRILLER: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA Sample PID/HNu Reading (ppm) 1 68 0-4 U 10 0-4.5ft: Brownish black gravelly sand (coarse, medium, fine, medical dense, moist) 2 1,520 4-6 U 20 4.5-7.5ft: Gray sandy silt (no plasticity, moist to wet) 4 1,632 8-10 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, loos wet)(slag) 7 250 14-16 U 20									WELL/BORING No.	BH5
WEATHER:	DATE ST	TARTED:	4/0	1/04	DATE COM	1PLETEI	D:	4/01/04	RECORDED BY:	JMR
No. PID/HNu Reading (ppm) Type Blows/6" N Recovery (Inches) Material Classification and Description (Unified Soil Classification System-Visual Manual Method (ppm) 1 68 0-4 U - - 10 0-4.5ft: Brownish black gravelly sand (coarse, medium, fine, mediense, moist) 4.5-7.5ft: Gray sandy silt (low plasticity, moist) 3 1,622 6-8 U - - 20 20 4.5-7.5ft: Light brownish gray sand (fine, medium dense, moist) 3 1,632 8-10 U - - 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U - - 20 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 7 250 14-16 U - - 20 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 7 250 14-16 U - - 20 20 20 20 20 20	GROUN	OWÁTER D	EPTH WH	IILE DR	ILLING:	~11	ft. bgs	AFTER COM	IPLETION:	NA
Sample No. PID/HNu Reading (Feet) Type Blows/6" N Recovery (Inches) (Unified Soil Classification and Description (Unified Soil Classification System-Visual Manual Method (ppm) 1	WEATHE	ER:	35F, Clou	idy	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling
No. Reading (ppm) (Inches) (Unified Soil Classification System-Visual Manual Method (ppm) (Inches) (In	DRILL SI	ZE/TYPE:		Macr	o-core	_ SAMF	PLE HAMME	R: WEIGHT	NAFALL	NA NA
No. Reading (ppm) (Inches) (Unified Soil Classification System-Visual Manual Method (ppm) (Inches) (In				T		-	- 111			
1 68 0-4 U 10 0-4.5ft: Brownish black gravelly sand (coarse, medium, fine, modense, moist) 2 1,520 4-6 U 20 4.57.5ft: Gray sandy silt (low plasticity, moist) 3 1,622 6-8 U 20 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 4 1,632 8-10 U 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 6 1,630 12-14 U 20				Туре	Blows/6"	N	_	(Unified		-
dense, moist) 4.5-7.5ft: Gray sandy silt (low plasticity, moist) 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 4.5-7.5ft: Gray sandy silt (low plasticity, moist) 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag)							<u> </u>			
2 1,520 4-6 U 20 4.5-7.5ft: Gray sandy silt (low plasticity, moist) 3 1,622 6-8 U 20 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 4 1,632 8-10 U 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 6 1,630 12-14 U 20		68	0-4	U			10			arse, medium, fine, medium,
3 1,622 6-8 U 20 7.5-8.5ft: Light brownish gray sand (fine, medium dense, moist) 4 1,632 8-10 U 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 6 1,630 12-14 U 20		4 500	-	 			20	7 '		unint)
4 1,632 8-10 U 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 6 1,630 12-14 U 20 7 250 14-16 U - 20	2	1,520	4-6	, U	-		20	4.5-7.51t. Glay	sandy sin (low plasticity, if	ioist)
4 1,632 8-10 U 20 8.5-12ft: Brown clayey silt (no plasticity, moist to wet) 5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, look wet)(slag) 6 1,630 12-14 U 20 7 250 14-16 U - 20	3	1 622	6-B	<u> </u>	· · _		20	7.5-8.5ft; Ligh	t brownish grav sand (fine, l	medium dense, moist)
5 1,310 10-12 U 20 12-16ft: Grayish brown sandy gravel (angular, coarse, fine, loos wet)(slag) 6 1,630 12-14 U 20 7 250 14-16 U - 20		1,022	-						,	
6 1,630 12-14 U 20 7 250 14-16 U 20	4	1,632	8-10	U	-	-	20	8.5-12ft; Brow	n clayey silt (no plasticity, n	noist to wet)
6 1,630 12-14 U 20 7 250 14-16 U - 20									•	
6 1,630 12-14 U 20 7 250 14-16 U 20	5	1,310	10-12	U	_		20	12-16ft: Grayi	sh brown sandy gravel (ang	ular, coarse, fine, loose,
7 250 14-16 U 20			<u> </u>			<u> </u>		wet)(slag)		
	6	1,630	12-14	U	•	-	20			
		<u> </u>	<u> </u>					4		
	7	250	14-16	U.		-	20	· .		44
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	-		<u></u>	1		<u> </u>	<u> </u>			
VOTES NA = Not Applicable Fill to ~16 ft. bgs ft. bgs = feet below ground surface Strong petroleum-type odors @ ~4-16 ft. bgs	VOTES			ound sur	face					gs
Petroleum-type sheen detected @ ~8-16 ft. bgs								Petroleum-type	sheen detected @ ~8-16 ft	. bgs
*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE	-		****	CDLIT O	BOON CAMPIE		NDISTUDET	THE D.	ISTON TUBE O COD	

CS ZUGESSINKEREIN RANGER DASSINGEZZ	T		Y 1	r	_
77.199.08845A45B0		. 7		n	C
- modelmont and designed		/T	, ,		•

PROJECT/	LOCATIO	N:	2530	Hamburg Turn	pike, Lac	kawanna, N	ew York	PROJECT No.	04B193.22
CLIENT:				M&T Bar	nk	·		WELL/BORING No.	BH6
DATE STA	RTED:	4/01	/04	_ DATE COM	PLETE	D:	1/01/04	RECORDED BY:	JMR
GROUNDV	VATER DE	EPTH WH	ILE DRI	LLING:	~11	ft. bgs	AFTER COM	PLETION:	NA
WEATHER	t:~;	35F, Clou	dy	DRILL RIG:	G	eoprobe	DRILLER:	BMS I	Orilling
DRILL SIZI	E/TYPE:		Macro	o-core	SAMF	LE HAMME!	R: WEIGHT	NA FALL	NA NA
				120-11-11					
	PID/HNu Reading	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	: Unified S	Material Classification and Soil Classification System-V	
	(ppm)					10	O 4 Eft: Proveni	ish black gravelly sand (coar	se medium fine medium
	0.3	0-4	U	-		10	dense, moist)	ish black gravelly sand (coal	se, medium, isrie, medium
2	0,5	4-8	U	-	-	20	1	andy silt (low plasticity, wet)	
-3	3.2	8-10	υ	-	-	20	8-13ft: Brown o	clayey silt (low plasticity, we	:)
. 4	4.9	10-12	U	-	•	20	13-15ft: Brown	n silty sand (fine, medium de	nse, wet)
5	0.9	12-14	U		-	20	15-16ft: Grayis	sh blue (slag) (coarse, fine, r	ounded, loose, wet) ≠
6	18.5	14-16	Ū	-	-	20			
							<u>:</u>		
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			<u> </u>				_	•	
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							٠.		
							·		
	***************************************	40000							
NOTES	NA = Not A	pplicable					Fill to ~16 ft. bgs	S	
	ft. bgs = fee	t below gro	ound surf	ace			Petroleum-type	odors @ ~14-16 ft. bgs	
		*SS - \$	SPLIT-SI	POON SAMPLE	U - UI	NDISTURBED	TUBE P-PI	STON TUBE C - CORE	

PSA PROMESTA SA	T		10	T.	
AF-MANAGEMENT STATES					
\$256545 A4400 F	•	/ 🖳			

PROJEC ⁻	T/ LOCATIO	N:	2530	Hamburg Turn	pike, La	ckawanna, N	ew York	PROJECT No.	04B193.22
CLIENT:				M&T Ba	nk	· .		WELL/BORING No.	BH7
DATE ST	ARTED:	4/01	1/04	_ DATE COM	IPLETE	D:	4/01/04	RECORDED BY:	JMR
GROUND	WATER DI	EPTH WH	ILE DRI	LLING:	~11	ft. bgs	AFTER COM	PLETION:	NA
WEATHE	R:~	35F, Clou	dy	DRILL RIG:	G	eoprobe	DRILLER:	BMS	Drilling
DRILL SI	ZE/TYPE:		Macro	o-core	SAMF	PLE HAMME	R: WEIGHT	NAFALL	NA
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N .	Recovery (Inches)	(Unified S	Material Classification and Soil Classification System-\	·
1	0.5	0-4	U		-	10	0-4.5ft: Browni	ish black gravelly sand (coa	rse, medium, fine, medium
				·			dense, moist)		
.2	0.3	4-6	Ü			20	4.5-8ft: Gray s	andy silt (low plasticity, wet)
3	0.4	6-8	U	·	-	20	8-13ft; Brown (clayey silt (low plasticity, we	xt)
. 4	0.3	8-10	U .	-	÷	20	13-15ft: Brown	n silty sand (fine, medium de	ense, wet)
							-		
5	0.3	10-12	U	-	-	20	15-16ft: Grayis	sh blue (slag) (coarse, fine,	rounded, loose, wet) ⊭
6	1.0	12-14	· U			20	<u>-</u>	•	
	1.0		<u> </u>				<u> </u>		
7	115	14-16	U			20]		
				1					
			<u> </u>						
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· ·							-		
			-				1		
							-	•	
							1		
]		
			_	·					
					· ·	··	-	· .	
						-			
NOTES	NA = Not A	pplicable					Fill to ~16 ft. bgs		
	ft. bgs = fee		ound surf	ace				odors @ ~14-16 ft. bgs	
		*\$\$ - \$	SPLIT-SF	POON SAMPLE	U - UI	NDISTURBED	TUBE P-PI	STON TUBE C - CORE	
		-						:	

LCS Inc.

PROJECT	T/ LOCATIO	ON:	2530	Hamburg Turn	pike, La	ckawanna, N	lew York	PROJECT No.	04B193.22
CLIENT:								WELL/BORING No.	BH8
	ARTED:			DATE COM	1PLETE[D:	4/01/04	RECORDED BY:	JMR
							_ AFTER COM	PLETION:	NA .
				DRILL RIG:		eoprobe	DRILLER:		S Drilling
	ZE/TYPE:			-core		PLE HAMME	R: WEIGHT	NAFALL	NA
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	(Unified	Material Classification ar	•
1	1,5	0-4	U		_	10	0-4.5ft: Brown	ish black gravelly sand (co	parse, medium, fine, medium
<u>'</u>	1,0			·····			dense, moist)	<u> </u>	
2	894,	4-6	U	-	-	20	7	sh gray sandy silt (low plas	sticity, moist)
3	1,575	6-8	U	-		20	7-8ft: Gray sa	nd (fine, medium dense, m	oist)
4	1,610	8-10	U	-		20	8-12ft: Brown	clayey silt (no plasticity, m	oist to wet)
5	1,312	10-12	U	. <u>-</u>	-	20		sh brown sandy gravel (ar	gular, coarse, fine, loose
							wet)(slag)	. '	
6	1,525	12-14	Ü	-	-	20	_		
7	1,227	14-16	U.		-	20		· ,	
							-		
					<u> </u>			•	
							_	•	
		100 100							
<u> </u>					ļ		_	•	
							_		
					<u> </u>		_	·	
		<u> </u>						· · · · · · · · · · · · · · · · · · ·	11 11 11 11 11 11 11 11 11 11 11 11 11
NOTES	NA = Not A		ound surf	face			Fill to ~16 ft. bg Petroleum-type	s odors @ ~4-16 ft. bgs	
							Petroleum-type	sheen detected @ ~12-16	S ft. bgs
		*SS -	SPLIT-SI	POON SAMPLE	U - U	NDISTURBE	DTUBE P-F	ISTON TUBE C - COP	RE



ANALYTICAL RESULTS

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 04/16/04 Work Order Number: 4D05004

Prepared For Doug Reid Lender Consulting Service P.O. Box 406 Buffalo, NY 14205 Fax: (716) 845-6164

Site: 2530 Hamburg Turnpike 04B153.22

Enclosed are the results of analyses for samples received by the laboratory on 04/05/04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757





Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	2530 Hemburg Turnpike 04B153 22	Reported:
Buffalo NY, 14205	Project Manager:	Doug Reid	04/16/04 16:08

ANALYTICAL REPORT FOR SAMPLES Laboratory ID Matrix Date Sampled Date Received Sample ID 4D05004-01 Soil 04/01/04 00:00 04/05/04 11:50 BH2 (14-16) 4D05004-02 Soll 04/01/04 00:00 04/05/04 11:50 BH3 (2-4) 4D05004-03 Soil 04/01/04 00:00 04/05/04 11:50 BH4 (4-6) 4D05004-04 Soil 04/01/04 00:00 04/05/04 11:50 BH5 (6-8) 4D05004-05 04/01/04 00:00 BH7 (14-16) Soil .04/05/04 11:50 4D05004-06 Soil 04/01/04 00:00 04/05/04 11:50 BH8 (6-8)

P.O. Box 406

Buffalo NY, 14205

Project: New York State Projects

Project Number: 2530 Hamburg Turnpike 04B153.22

Project Manager: Doug Reid

Reported: 04/16/04 16:08

Volatile Organic Compounds by EPA Method 8260B Waste Stream Technology Inc.

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Nose
BH2 (14-16) (4D05004-01) Soil	Sampled: 04/01/04 00:00	Receive	ed: 04/05/0	4 11:50			M		
benzene	ND	10	ug/kg dey	1	AD40607	04/06/04	04/06/04	\$260	t
ethylbenzene	ND	10	ħ	·	t ₁	**	п	1,	t
toluene	ND	10	**	*	**	4.	r	11	Ę
m.p-xylene	ND	20	**	#1	-11	н	19	11	ų,
o-xylene	ND	10	*	P	18	**	1•	*	t
sopropyibenzene	MD	1.0	**		ч	*	"	1*	ď
-propylbenzene	ИD	10	н	et .	4		10	•	ţ
a-isopropyHoluene	ND	10	*	,	41	11		II	į
1,2,4-trimethylbenzene	23	10			ч		1•	**	
1,3,5-trimethylbonzene	Ν̈́D	10		-п	-4	**	,,	н	t,
n-butylbenzene	ND	10	"		đ	•	n	*1	ι
sec-butylbenzene	ND	10	.81	, "	ч	**		n	¥ί
crt-butylbenzene	ΝD	10	"	*	71	**	nt	**	(
Taphthalene	ND	10	-81	41	н	*1	h	1	ť
Methyl tert-butyl ether	ИD	10	**		4	n	4	•	ŧ
Surrogate: 1.2-Dichloroethane-da	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	97.3%	69-1	32		"	.f4	19	- And the second section of the section
Surrogate Toluene-d8		92.0%	81-1	2)	•/	"	,,	ņ	
Surrogase: Bromofluorobenzene		99 0 %	83-1	21	"	"	"	"	
BH3 (2-4) (4D05004-02) Soil S	ampled: 04/01/04 00:00 E	teceived:	04/05/04	11:50					
benzene	15	10	ug/kg dry	1	AD40607	04/06/04	()4/06/04	8260	
ethylbenzene	372	10	11	**	**	b	n	п	
toluene	29	10	**	**	u	,	и	"	
m,p-xylen e	823	20		.4	·u	"	ч	d	
o-xylene	75	10		**	19	•	н	ń	
sopropylbenzene	106	10	PĮ	of	11	•	41	41	
n-propylbenzene	245	01	*	11	н	**	4	0	
p-isopropyltoluene	44	-10		*1	···li	n	**	p	
1,2,4-trimethylbenzene	13300	257	11	25.741	p	н	04/07/04	h	(
1,3,5-trimethylbenzene	342	10	**	1	ય	11	04/06/04	ži.	
n-butylhenzene	253	10	**		tı	h	44	"	
loc-butylbenzene	49	10	"	11	-14		**	11	
ert-butylbenzene	ND	10	17	n	4	и	14	P.	t
naphthalene	230	10	*1	**		.,	.,	17	
Methyl tert-butyl ether	ND	10	n	n	**	n	16	P	t
Surrogate I 2-Dichloroethane-d4		26.0%	69-1	32	· 11	J.	.,	24	
Surrogate: Toluene-d8		82.7%	81-1		er .	<i>*</i>	,,	,,	
Surrogaie: Bromofluorobenzene		96.0%	B3-1		,,		44	.44	

P.O. Box 406 Buffalo NY, 14205 Project: New York State Projects

Project Number: 2530 Hamburg Turnpike 04B153.22

Reported: 04/16/04 16:08

Project Manager: Doug Reid

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Preparad	Anatyzed	Method	Notes
BH4 (4-6) (4D05004-03) Soil	Sampled: 04/01/04 00:00	Received	04/05/04	11:50					
benzene	ND	10	ug/kg dry	l	AD40607	04/06/04	04/06/04	8260	ŧ
ethylbenzene	ND	10	~	71	*1	11	44		U
taluene	ДN	10	"	p		*		',,	t
m.p-xylene	MD	20	71	. 14		*	-	*	U
o-xylene	ND	10	n	4		"	**	ħ	U
isopropylbenzene	ND	10	"	k.	4	и	- N	"	U
n-propylbenzene	ND	10	19	ti .	н	9	A	**	t
p-isopropyltolucne	ND	10	11	- 91	**	#	.6	ii.	· (,)
1,2,4-trimethylbenzene	19	10	19	4	••		.,	*	
1.3.5-trimethylbenzene	ND	10	,	li li	**	**	1*	**	ζ
n-butylbenzene	ИD	10		**		"		n	υ
sec-burylbenzene	ND	10	"	, 16	**	H	*	4	₽ ()
tert-butylbenzene	ND	10	b	h		n	n	**),
naphthälene	ND	10	-1	,ia	4	71	le	*	T
Methyl tert-butyl other	ND	10	b	h	"	**	.,	N	O
Surrogate: 1,2-Dichloroethane-o	Hat	993%	39-1	132	. 4	47			
Surrogate: Toluene-d8	,,	94.7%	81-		"	,,		+	
Surrogate: Bromafluorobenzene		95.7%	83-1		**		*1	4	
BH5 (6-8) (4D95904-04) Soif	Sempled: 04/01/04 80:00								
benzene	73	10		1	AD40607	04/06/04	04/06/04	8260	.,
ethylbenzene	4140	251	ng/ kg diy	25 123	40	U4/UU/U4 U	04/07/04	azuu	·C
roluene	139	10		1		••	04/06/04	*	L
m.p-xylene	7930	502	**	25.123	11	••	04/07/04	μ	D
o-xylene	7330 85	10	,,	.23.123	n	**	04/06/04		L
isopropylbenzene	371	10	-11		4		u4/90/04 		
n-propylbenzene	795	10	10	41	•	**	4	"	
p-isopropyltoluene	82	10	**	,	,	15	,1	h	
1.2,4-trimethylbenzene	18500	251		25.123		N	04/07/04		n
1,3,5-trimethythenzene	1150	10	-14	23.123	-#1	- 19			\boldsymbol{c}
			*1	1	и.	.,	04/06/04		
n-butylhenzene	364 -90	10	,,	· n		-6	r.		
sec-butylhenzene		10	,		,	,,	,	-	
ton-butyibenzene	ND	10				9		n:	ŧ
naphthalene	554	10	,,	41	*		H	и	
Methyl tort-butyl ether	ďИ	10		, ,	. "	**	*		t)
Surrogate: 1,2-Dichloroethane-c	14	92.7%	69.			. 10	"	" '	
Surragate Taluene-d3		104%	81-,		**	"	13.	.,	
Surrogate: Bromofluorobenzene		96 7.96	83-7	121	"	**	/-	.,	

P.O. Box 406 Buffalo NY, 14205 Project: New York State Projects

Project Number: 2530 Hamburg Turnpike 04B153.22

Project Manager: Doug Reid

Reported: 04/16/04 16:08

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
BH7 (14-16) (4D05004-05) Soil	Sampled: 04/01/04 00:00	Receive	ed: 04/05/0	4 11:50					
benzene	ND	8	ug/kg dry	l	AD40607	04/06/04	04/06/04	8260	
ethylbenzene	48	28	•	-11	· p	4	3 1	b	
toluene	17	8	. "	,t .	"1	71	и .	Đ.	
m,p-xylene	114	17	4	*	11	ıı.		•	
o-xylene	21	8	**	"	,	"		•	
sepropylbenzene	52	- 8	"	**		•	11		
n-propylbenzene	92	В	ľ	b	11	1)			
p-isopropyltoluene	ND	8	•	11	.10	",		**	1
3,2;4-trimethylbenzene	185	. 8	u	17 ,	. 10	10	**	**	
1,3,5-trimethylbenzene	41	8		.11		ti .	h	"	
n-butylbenzene	40	8	*	**	h	. "	11	11-	al.
sec-butylbenzene	31	8	. "		"	. "	•	• .	•
teft-butylbenzene	ND	8	. "	**	h	٧,	"	••	
naphthalone	21		-#1	**	"		"	**.	
Methyl tert-butyl ether	ND .	8	r	H	h	n	и	P	
Surrogate: 1,2-Dichloroethane-d4	AND	114%	69-		**		ii	21	
Surrogate: Toluene-d8		97.0%	81.	12.1	"		,,	**	
Surragate: Bromofluorobenzene		112 %	83	121	-11	tr	*1	**	
BH8 (6-8) (4D05004-06) Soit S:	ampled: 04/01/04 00:00 1	Received:	04/05/04	11:50					
benzene	43	10	ug/kg dry	1	AD40607	04/06/04	04/06/04	8260	
ethylbenzene	12700	246	**	24.631	II.	15	04/07/04	p	
toloene	376	10	**	1	"	•	04/06/04		
m,p-xylene	40400	493	. 10	24.631	•		04/07/04	. "	
o-xylene	254	10	+	1		**	04/06/04	a	
sopropylbenzene	532	. 10	4		4		. *	44	
n-propylbenzene	12200	246	Ħ	24.631	*	. •	04/07/04	, ,	
p-isopropykoluene	132	10	n	1	e	·u	04/06/04	ļτ	
1,2,4-trimethylbenzene	115000	4930	1.	492 61	4	n	04/07/04	le	
1,3,5-trimethylbenzene	23300	246		24.631	n	* .	04/07/04	15	
n-butyibenzene	1020	10	b	}			04/06/04	"	
n-nacline items						•		ia.	
-	234	10	4		10	••			
sec=butylbenzene		10 10	"	i-	**		**	4	·
sec-butylbenzene tert-butylbenzene	234		14 77 15	P D	14 *1 18	· · · · · · · · · · · · · · · · · · ·	**	h B	
sec=butylbenzene tert-butylbenzene naphthalene	234 ND	10	14 15 16	e b b	16 =1 P =4		и	6 Fi	
sec-butylbenzene tert-butylbenzene naphthalene Methyl tert-butyl ether	234 ND 3010 ND	10	77	132	14 12 M 		н . Н	н Н Н	
sec:butylbenzene tert-butylbenzene naphthalene Methyl tert-butyl ether Surrogate: 1,1-Dichloroethane-d4 Surrogate: Toluene-d8	234 ND 3010 ND	10 10	77 11		16 17 19 49 	** ** **	и н г	6 B B 	

P.O. Box 406 Buffalo NY, 14205 Project: New York State Projects

Project Number: 2530 Hamburg Tumpike 04B153.22

Project Manager: Doug Reid

Reported: 04/16/04 16:08

Semivolatile Organic Compounds by EPA Method 8270C Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Anslyzed	Method	Nor
BH3 (2-4) (4D05004-02) Soil	Sampled: 04/01/04 00:00	Received:	04/05/04	11:50					
naphthalene	ND	67	ug/kg dry	1	AD40701	04/07/04	04/07/04	8270	
enthracene	ДИ	67	р	ľ		*	"	· • · · · ·	
accnaphthene	ND	67	**	#1	* .	•	40 .	٠,.	
Acenaphthylene	ND	67		1,	• .	*			
Benzo (a) anthracene	≾9 0	67	. *	"	"	. *	*		
Benzo (b) fluoranthene	395	67	ч	"	•		*		
Benzo (k) Auoranthene	490	67	19	n	*	h.	**		
Benzo (g,h,i) perviene	236	67	19	4	•		**	18	
Benzo (a) pyrene	455	67			. 41	*		м	
chrysene	530	67		**		" "	*	44 .	
Dibenz (a,h) anthracene	135	67	-16	, ,	. •1	*1	١.	н	₩.
fluoranthene	836	67	**	**		*1	ь	• •	
fluorene	95	67		11		"			
Indeno (1,2,3-cd) pyrene	249	67	u	H	**	4			
phenanthrene	433	67	ŀ	•	11	*7	-11	21	
pyrene	686	67	et .	u	"	•	. "	•	
Surrogate: Nitrobenzene-d5		77.6%	48-	772		<i>,,</i>	,,	"	
Surrogate: 2-Fluorobiphenyl		82.3 %	50-	121	"	*	**	*/	
Surrogate: Terphenyl-d14		98 .0 %	<i>36</i>	134	*	11	. 4	#	
BH8 (6-8) (4D05004-06) Soil	Sampled: 04/01/04 00:00	Received:	: 04/05/04	11:50					
naphthalene	372	67	ug/kg dry	3	AD40701	04/07/04	04/07/04	8270	***************************************
anthracene	ND	67	le le	. 11	•	*1	13	. "	
PER TELL MINISTER	MD								
	ND	67		n	17	**	"	10	
acenaphthene	,	-	н	ar M	17	er, ·	n p	11	
acenaphthene	ND	67	11 81		**	u u	1) 1)	0 6 11	
acenaphthene Acenaphthylene	ND ND	67 67			н	41	**	ti ti	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene	ND ND ND	67 67 67			н	e. 0	" "	n n n	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene	ND ND ND	67 67 67 67	h		н	#1 D	0 0 0 0 10	ti b iii iii iii iii	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene	ND ND ND ND	67 67 67 67 67	to to D	17 19 40 11	14 11 64 15	41 . 10 14	0 0 0 0 0	15 16 17 18 18	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene	ND ND ND ND ND	67 67 67 67 67	to to the total control of the	17 19 40 11	14 11 64 15	41	0 0 0 0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene Benzo (a) pyrene dhrysene	ND ND ND ND ND ND	67 67 67 67 67 67		17 19 40 11	14 11 64 15	44 , 10 mm	0 0 0 0 0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene Benzo (a) pyrene öhrysene Dibenz (a,h) anthracene	ND ND ND ND ND ND ND	67 67 67 67 67 67 67	. 25 ju ju li: 15 ju 19 us	17 19 40 11	11 11 25 25 21 15	41 , 10 , 10 , 10 , 10 , 10 , 10 , 10 ,	0 0 0 0 0 0	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene Benzo (a) pyrene öhrysene Dibenz (a,h) anthracene	ND ND ND ND ND ND ND ND	67 67 67 67 67 67 67 67	10 10 10 10 10 10 10 10 10 10 10 10 10 1	17 19 40 11	# # # # # # # # # # # # # # # # # # #	40 , 10 mm	*** *** ** ** ** ** ** ** ** ** ** ** *	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene Benzo (a) pyrene öhrysene Dibenz (a,h) anthracene fluoranthene fluorene	ND ND ND ND ND ND ND ND	67 67 67 67 67 67 67 67 67		17 19 40 11	# # # # # # # # # # # # # # # # # # #	41 , 1	**	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
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acenaphthene Acenaphthylene Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (g,h,i) perylene Benzo (a) pyrene chrysene Dibenz (a,h) anthracene fluoranthene fluorene Indeno (1,2,3-ed) pyrene phenanthrene	ND ND ND ND ND ND ND ND ND ND ND	67 67 67 67 67 67 67 67 67 67 67	" " " " " " " " " " " " " " " " " " "	11 (1) (1) (1) (1) (1) (1) (1) (1) (1) (# # # # # # # # # # # # # # # # # # #	41 , 1		10 10 10 10 10 10 10 10 10 10 10 10 10 1	

P.O. Box 406 Buffalo NV, 14205 Project: New York State Projects

Project Number: 2530 Hamburg Turnpike 04B153.22

Project Manager: Doug Reid

Reported: 04/16/04 16:08

Conventional Chemistry Parameters by APHA/EPA Methods Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilation	Batch	Prepared	Analyzed	Method	Notes
BH2 (14-16) (4D05004-01) Soi	Sampled: 04/01/04 00:00	Receive	d: 04/05	/04 11:50					J
% Solids	91.0	0,1	%	;	AD40706	04/06/04	04/07/04	% calculation	
BH3 (2-4) (4D05004-02) Soil	Sampled: 04/01/04 00:00	Received:	04/05/04	4 11:50					
% Solids	\$1.6	0 1	%	1	AD40706	04/06/04	04/07/04	% calculation	
BH4 (4-6) (4D05004-03) Soil	Sampled: 04/01/04 00:00	Received:	04/05/04	4 11:50					
% Solids	73.9	0,1	%	-1	AD40706	04/06/04	04/07/04	% calculation	
DH5 (6-8) (4D05004-04) Soil	Sampled: 04/01/04 00:00	Received:	04/05/04	4 11:50					
% Solids	76.6	0.1	%	1	AD40708	04/06/04	04/07/04	% enloutation	·
BH7 (14-16) (4D05004-05) Soi	Sampled: 04/01/04 00:00	Receive	d: 04/05	/04 11:50					
% Solids	91.1	0.1	%.	1	AD40706	04/06/04	04/07/04	% calculation	
BH8 (6-8) (4D05004-06) Soil	Sampled: 04/01/04 00:00	Received	04/05/0	4 11:50					
% Solids	73.7	0.1	%	:1	AD40706	04/06/04	04/07/04	% calculation	

Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	2530 Hamburg Tumpike 04B153.22	Reported:
Buffalo NY, 14205	Project Manager:	Doug Reid	04/16/04 16:08

Notes and Definitions

U .	Analyte included in the analysis, but not detected
D	This flag assigned to compounds identified in an analysis at a secondary dilution factor.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
DDD	Daletive Percent Difference

SAMPLE NO.

BH2 (14-16)

Lab Name: Waste Stre	am Technolog	У	Contract:	LCS		
Project No.: 04B193.22	. •	Site: 2530 Har	Site: 2530 Hamburg Tumpik Location:			4D05004
Matrix: (soil/water)	soil	•		Lab Sample ID:	4D05004-0	1
Sample wt/vol:	1.05	(g/mL) g	_	Lab File ID:	0023401	
Level: (low/med)	low			Date Received:	04/05/04	
% Moisture: not dec.	9.0			Date Analyzed:	04/06/04	
GC Column:	Rtx 502.2	ID: 0.18	_(mm)	Dilution Factor:	na	
Soil Extract Volume:	na	_(uL)	•	Soil Allquot Volume:	na '	(uL)
Number TICs found:	10		Concentration			

na:	. 10	(ug/L or u	ig/Kg)	h6/1/6	
CA	S Number	Compound Name	RT	Est. Conc.	Q
1	. 000107-83-5	pentane, 2-methyl-	3.23		J
1)	unknown hydrocarbon	3.55	25	J
3	. 000110-54-3	hexane	3.90	21	L
4		cyclopentane, methyl-	5.07	38	j
	6. 000110-82-7		6.31	30	J
	3.	unknown alkane	7.99		J
	7. 000108-87-2	cyclohexane, methyl-	8.29		J
[[3.	dimethyl-cyclohexane isomer	10.12		J
3.		cyclohexane, 1,1,3-trimethyl-	12.17	20	J
10). 001678-91-7	cyclohexane, ethyl-	12.26	17	J
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12		The second secon			
13	3.				
14	١.				
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[]8	3.		<u> </u>	<u> </u>	
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SAMPLE NO. BH3 (2-4)

Lab Name: Waste Street	am Technolog) <u>y</u>	Contract: LC	S		
Project No.: 04B193.22 Site: 2530 Har			burg Turnpik Lo	ecation:	Group: 4D05004	
Matrix: (soil/water)	soil	_		Lab Sample ID:	4D05004-02	2
Sample wt/vol:	1.04	_(g/mL) <u>g</u>		Lab File ID:	0023402	
Level: (low/med)	low			Date Received:	04/05/04	
% Moisture: not dec	18,4	<u>.</u>		Date Analyzed:	04/06/04	
GC Column:	Rtx 502.2	ID: 0.18	(m m)	Dilution Factor:	na	
Soil Extract Volume:	na	_(uL)	Sol	l Aliquot Volume:	na	(uL)
			Cancontration I	Inite		

Number TICs for

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

µg/Kg

CAS Number	Compound Name	RT .	Est. Conc.	Q
1. 000589-34-4	hexane, 3-methyl-	6.11	369	J
2.	unknown alkane	6.91	600	J
3.	dimethyl-2-pentene isomer	7.82	316	J
4.	unknown alkane	7.99	534	J
5. 000108-87-2	cyclohexane, methyl-	8.29		J
·6,	1,2,3-trimethyi-cyclopentane Isor	1 8:86	304	7
7. 000592-27-8	heptane, 2-methyl-	9.15	493	J
8.	unknown alkane	9.49	1180	j
9.	dimethyl-cyclohexane isomer	10.12	1060	J
10 000111-65-9	ociane	10.42	423	J
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SAMPLE NO.

BH4 (4-6)

Lab Name: Waste Stre	am Technolog	у	Co	ntract: LCS	
Project No.: 04B193.22		Site: 2	2530 Hamburg	Turnpik Location:	Group: 4D05004
Matrix: (soil/water)	soil			Lab Sample ID:	4D05004-03
Sample wt/vol:	1.00	(g/mL)	g	Lab File ID:	0023403
Levei: (iow/med)	low			Date Received:	04/05/04
% Moisture: not dec.	26.1			Date Analyzed:	04/06/04
GC Column:	Rtx 502.2	ID:_	0.18 (mm)	Dilution Factor:	na
Soil Extract Volume:	na	(uL)		Soil Aliquot Volume:	na (uL)

Concentration Units:

Number TICs found:	10	(ug/L or ug/Kg)	µg/Kg
_			

CAS Number Compound Name RT Est. Conc. Q 1 000075-09-2 Methylene chloride 3.44 51 J,B 2 000110-54-3 Hexane 3.90 78 J 3 1,2,4-trimethyl-cyclopentahe ison 8.54 54 J 4 unknown hydrocarbon 11,61 60 J 5 trimethyl-cyclohexane Isomer 12,18 81 J 6 unknown hydrocarbon 13,03 55 J 7 unknown hydrocarbon 13,37 58 J 8 ethyl-methyl-cyclohexane Isomer 14,73 87 J 9 unknown hydrocarbon 14,80 53 J 10 unknown hydrocarbon 15,20 76 J 11 Image: Solution of the property of the prop					
2. 000110-54-3 Hexane 3 90 78 J 3. 1,2,4-trimethyl-cyclopentane ison 8.54 54 J 4. unknown hydrocarbon 11.61 60 J 5. trimethyl-cyclohexane isomer 12.18 81 J 6. unknown hydrocarbon 13.03 55 J 7. unknown hydrocarbon 13.37 58 J 8. ethyl-methyl-cyclohexane isomer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13.	CAS Number	Compound Name	RT	Est. Conc.	Q
3.				51	J,B
4. unknown hydrocarbon 11.61 60 J 5. trimethyl-cyclohexane Isomer 12.18 81 J 6. unknown hydrocarbon 13.03 55 J 7. unknown hydrocarbon 13.37 58 J 8. ethyl-methyl-cyclohexane Isomer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13. 14. 15. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.				78	J
5. trimethyl-cyclohexane Isomer 12.18 81 J 6. unknown hydrocarbon 13.03 55 J 7. unknown hydrocarbon 13.37 58 J 8. ethyl-methyl-cyclohexane Isomer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13. 14. 15. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.		1,2,4-trimethyl-cyclopentane ison		. 54	J
6. unknown hydrocarbon 13.03 55 J 7. unknown hydrocarbon 13.37 58 J 8. ethyl-methyl-cyclohexane isomer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.			11,61	60	J
7. unknown hydrocarbon 13.37 58 J 8. ethyl-methyl-cyclohexane somer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.			12,18	81	J
8. ethyl-methyl-cyclohexane somer 14.73 87 J 9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.		unknown hydrocarbon	13,03	55	J
9. unknown hydrocarbon 14.80 53 J 10. unknown hydrocarbon 15.20 76 J 11.				58	J
10. unknown hydrocarbon 15.20 76 J 11.	8.		14.73	87	J
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.			14.80	53	J
12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.		unknown hydrocarbon	15,20	76	Ĵ
13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					
14. 15 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					
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SAMP	LE	NO

BH5 (6-8)

Lab Name: Waste Stre	am Technolog	ЭУ	Contrac	et: LCS	
Project No.: 04B193.22	Site:	2530 Hamburg Turn	Group: 4D05004		
Matrix: (soil/water)	soil	_		Lab Sample ID:	4D05004-04
Sample wt/vol:	1.02	(g/mL)	9	Lab File ID:	0023404
Level: (low/med)	łow	-		Date Received:	04/05/04
% Moisture: not dec.	23.4			Date Analyzed:	04/06/04
GC Column:	Rtx 602.2	_ 1D:	0.18(mm)	Dilution Factor.	na
Soil Extract Volume:	na	(uL)		Soil Aliquot Volume:	na (uL)

Concentration Units:

Number TICs found:	. 10		(ug/L or ug/Kg)	ualka
NUMBER 1908 IOUNG.	1.0	•	(OBIT OF OBITAR)	μg/Kg

CAS Number	Compound Name		Est. Conc.	Q
	pentane, 2-methyl-	3.23		J
2. 000110-54-3		3.90		J
3. 000096-37-7	cyclopentane, methyl-	5.07		J
4. 000589-34-4	hexane, 3-methyl-	6.11		J
5.	unknown alkane	6.42		J
	cyclohexane, methyl-	8.29		J
7.	substituted pentane	9,04		J
8.	unknown alkane	9.16		J
	heptane, 3-methyl-	9.50		J
10.	dimethyl-cyclohexane isomer	10.12	1140	Ţ
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SAMPLE NO.

BH7 (14-16)

Lab Name: Waste Stre	am Technolog	у	Contrac	ct: <u>LCS</u>	
Project No.: 04B193.22		Site: 2	530 Hamburg Tur	npik Location:	Group: 4D05004
Matrix: (soil/water)	soil			Lab Sample ID:	4D05004-05
Sample wt/vol:	1,20	(g/mL)	ĝ	Lab File ID:	0023405
Level: (low/med)	low			Date Received:	04/05/04
% Moisture: not dec.	8,9	_		Date Analyzed:	04/06/04
GC Column:	Rtx 502.2	ID:_	0.18 (mm)	Dilution Factor:	па
Soil Extract Volume:	na -	(uL)		Soil Aliquot Volume:	na (uL)
I			_	-4 44 4-	•

Concentration Units:

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

CAS Number	Compound Name	RT	Est. Conc.	Q
	pentane, 2-methyl-	3.23		J
2. 000589-34-4	hexane, 3-methyl-	6.11	350	J
3.	dimethyl-cyclopentane isomer	6.91	700	J
4. 004516-69-2	cyclopentane , 1,1,3-trimethyl-	7.98	542	J
	cyclohexane, methyl-	8,29	708	J
6.	1,2,4-trimethyl-cyclopentane ison			J
7.	1,2,3-trimethyl-cyclopentane ison		430	J
8.	unknown alkane	9,49	296	J
9.	unknown hydrocarbon	9.59	305	J
10,	dimethyl-cyclohexane isomer	10.13	950	J
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12.		Kana va		
13.	The state of the s	200 m m m m m m m m m m m m m m m m m m		
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·15.		-		
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SAMPLE NO.

BH8 (6-8)

Lab Name: Waste Stre	am Technolog	y ·	Contrac	d: <u>LC</u>	S		
Project No.: 04B193.22		Site	2530 Hamburg Tur	npik Loc	ation:	Group:	D05004
Matrix: (soil/water)	soil	_			Lab Sample ID:	4D05004-0	3
Sample wt/vol:	1,00	_(g/mL)	g		Lab File ID:	0023408	
Level: (low/med)	łow	_			Date Received:	04/05/04	
% Moisture: not dec.	26.3				Date Analyzed:	04/06/04	. '
GC Column:	Rtx 502.2	_ ID	: 0.18 (mm)		Dilution Factor:	na	•
Soil Extract Volume:	na	_(uL)		Soil	Aliquot Volume:	na'	(uL)
							,

Concentration Units:

Number TICs found:

(ug/L or ug/Kg) μο/Κα

CAS Number Compound Name RT Est. Conc. Q 1. 000107-83-5 pentane, 2-methyl- 3.23 465 J 2. 000096-37-7 cyclopentane, methyl- 5.07 373 J 3. 000591-76-4 hexane, 2-methyl- 5.76 337 J 4. 000589-34-4 hexane, 3-methyl- 8.11 363 J 5. unknown alkane 6.43 939 J 6. unknown alkane 6.92 571 J 7. 000108-87-2 cyclohexane, methyl- 8.29 663 J 8. 000565-75-3 pentane, 2,3,4-trimethyl- 8.78 564 J 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 17.27 645 J 12. 13. 14. 15. 16. 17.27 645 J 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 28. 29. 29.					
2. 000096-37-7 cyclopentane, methyl- 3. 000591-76-4 hexane, 2-methyl- 4. 000589-34-4 hexane, 3-methyl- 5. 000589-34-4 hexane, 3-methyl- 5. 000589-34-4 hexane, 3-methyl- 5. 000108-87-2 cyclohexane, methyl- 8. 000585-75-3 pentane, 2,3,4-tnmethyl- 9. 000585-75-3 pentane, 2,3,4-tnmethyl- 10. ethyl-methyl-benzene isomer 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	CAS Number	Compound Name			Q
3. 000591-76-4 hexane, 2-methyl- 4. 000588-34-4 hexane, 3-methyl- 5. unknown alkane 6. unknown alkane 6. unknown alkane 6. 92 571 J 7. 000108-87-2 cyclohexane, methyl- 8. 000565-75-3 pentane, 2,3,4-trimethyl- 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.			3.23		J
4. 000589-34-4 hexene, 3-methyl- 5. unknown alkane 6.43 939 J 6. unknown alkane 7. 000108-87-2 cyclonexane, methyl- 8. 000565-75-3 pentane, 2,3,4-trimethyl- 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	2. 000096-37-7	cyclopentane, methyl-			J
5. unknown alkane 6.43 939 J 6. unknown alkane 6.92 571 J 7. 000108-87-2 cyclohexane, methyl-8.29 663 J 8. 000585-75-3 pentane, 2,3,4-tnmethyl-8.78 564 J 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	3. 000591-76-4	hexane, 2-methyl-			
6. unknown alkane 6.92 571 J 7. 000108-87-2 cyclohexane, methyl-8.29 663 J 8. 000565-75-3 pentane, 2,3,4-trimethyl-8.78 564 J 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	4. 000589-34-4	hexane, 3-methyl-		363	J
7. 000108-87-2 cyclohexane, methyl- 8. 000565-75-3 pentane, 2,3,4-trimethyl- 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.	5 .	unknown alkane			J
8. 000565-75-3 pentane, 2,3,4-trimethyl- 9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.			6.92	571	J
9. unknown alkane 9.04 651 J 10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12. 13.					J
10. ethyl-methyl-benzene isomer 17.27 645 J 11. 12.	8. 000565-75-3			564	7
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.					
12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28.		ethyl-methyl-benzene isomer	17.27	645	J
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SAMPLE NO.	
AD40607-BLK1	

Lab Name: Waste Stre	am Technolog	Contrac	ot: LCS			
Project No.: 04B193.22		Site: 2530 Hamburg Turi	Site: 2530 Hamburg Turnpik Location:			
Matrix: (soil/water)	soil	_	Lab Sample iD:	na		
Sample wt/vol:	1.00	(g/mL) <u>mL</u>	Lab File ID:	0023398		
Level: (low/med)	low	•	Date Received:	ná		
% Moisture: not dec.	na		Date Analyzed:	04/06/04		
GC Column:	Rtx 502.2	ID: <u>0.18</u> (mm).	Dilution Factor:	na		
Soil Extract Volume:	ne	(uL)	Soil Aliquot Volume:	na	(uL)	
		Concentr	ation Units:			
Number TICs found	4	(uall a	rualka) ualka			

(ug/L or ug/Kg) CAS Number Compound Name RT Est. Conc. Q 1. 000075-09-2 Methylene Chloride 3.44 19 5. 6. 7. 8. 8. 10. 11. 12. 13. 14. 15, 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.

SAMPLE NO.
BH3 (2-4)

Lab Name: WASTE STREAM TECHNOLOGY				Contract:	LCS	
Project No.: 04B193.22		Site:	2530 Harr	Location:		Group: 4D05004
Matrix: (soil/water)	SOIL	- -			Lab Sample ID:	4D05004-02
Sample wt/vol:	30.6	(g/mL)	G		Lab File ID:	0018002.D
Level: (low/med)	LOW				Date Received:	4/5/2004
% Moisture: 18		decan	ted: (Y/N)_	N	Date Extracted:	4/7/2004
Concentrated Extract Volu	ime:	1	(ML)		Date Analyzed:	4/7/2004
Injection Volume:	1.0	(uL)			Dilution Factor	1.0
GPC Cleanup: (Y/N)	N		pH;_	NA		
Number TICs found:	11		C	oncentration (ug/L or ug		

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Benzene, trimethyl- isomer	3.07	1600	J
2.	Unknown Aromatic	3.88	170	J
3, 000112-40-3	Dodecane	3.94	340	J
4.	Unknown	4.38	230	J
5.	Unknown Alkane	4.54	450	J
6.	Naphthalene, methyl- isomer	4.90	340	J
7.	Naphthalene, dimethyl- isomer	5.50	200	J
- 8.	Sulfur Compound	8.72	18000	J
9.	Unknown Aromatic	16.47	270	J
10.	Unknown Alkane	17.66	200	J
11.	Unknown Alkane	18.69	160	J
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SAMPLE NO.

BH8 (6-8)

Lab Name: WASTE STREAM TECHNOLOGY				Contract:	LCS	<u> </u>	
Project No.: 04B193.22		Site	e: <u>2530 Ha</u> m	Location:		Group:	4D05004
Matrix: (soil/water)	SOIL				Lab Sample ID:	4D05004-06	3
Sample wt/vol;	30.2	_(g/mL)	G		Lab File ID:	0018003.D	
Level: (low/med)	LOW	.			Date Received:	4/5/2004	
% Moisture: 26		deca	nted: (Y/N)_	N	Date Extracted:	4/7/2004	
Concentrated Extract Volu	ıme:	1	_(ML)		Date Analyzed:	4/7/2004	
Injection Volume:	1.0	_(uĹ)			Dilution Factor:	1.0	
GPC Cleanup: (Y/N)	N	-	pH:_	NA		1	
Number TICs found:	3	Concentration Units: (ug/Lor ug/Kg) ug/KG					

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Benzene, trimethyl- isomer	3.06	3600	7
2.	Unknown	11.33	200	J
3.	Unknown Alkane	17.64	220	7
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Environmental and Real Estate Consultants

LIMITATIONS



This environmental study is limited by the scope of services contained within this report and time frames specified within the contract for services agreed to by you dated March 26, 2004. The scope of services was based on the results of the LCS Project # 04B193.24 ASTM E1528-00 Transaction Screen Environmental Site Assessment dated February 18, 2004.

This environmental study makes no warranties nor implies any liability regarding:

- Any impacted media located beneath the on-site structure(s).
- 2. Any chemical analytes not included within the analytical test methods employed during this study.
- 3. Any impacted media present from off-site sources.
- 4. Any impacted groundwater either on-site or off-site.
- 5. Any impact at locations and depths not assessed in this study.
- 6. Any impact at locations where access was limited.

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.