CLOSURE REPORT
NYSDEC SPILL #0650719
SPECIAL METALS CORPORATION
DUNKIRK, NEW YORK

PREPARED FOR:
Special Metals Corporation
Dunkirk. New York

PREPARED BY:
GZA GeoEnvironmental of New York
Buffalo, New York

November 2006
GZA File No. 21.0056196.10

CLOSURE REPORT NYSDEC SPILL #0650719
SPECIAL METALS CORPORATION
DUNKIRK, NEW YORK

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APPENDIX A

PHOTOGRAPHS

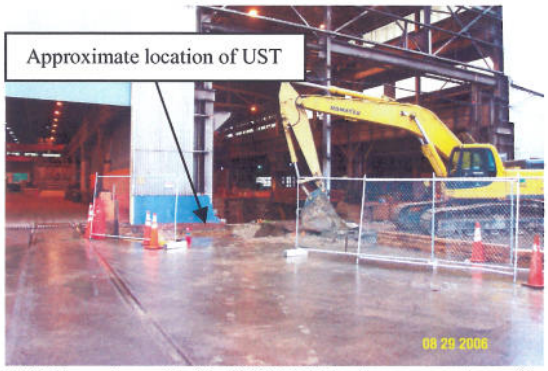
NYSDEC Spill # 0650719 Closure Report Photographs

Special Metals Corporation
100 Willowbrook Avenue
Dunkirk, New York

File No. 21.0056196.10

Oil product - Spill # 0650719 – INITIAL OIL LOCATION, near west wall of Subbasement, looking north.

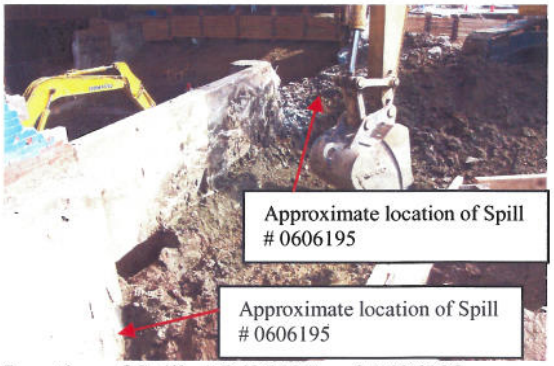
Excavation overview from interior of building looking west.



UST location, Spill # 0606195, along exterior of building, looking east

UST removed from location and placed on plastic sheeting, looking north.

Oil product observed, OIL LOCATION #2, looking southwest.

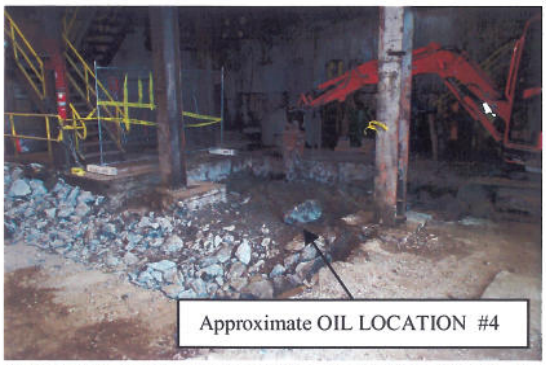


Location of Spills # 0606195 and 0606199, outside of overhead door, looking southeast.

NYSDEC Spill # 0650719 Closure Report Photographs

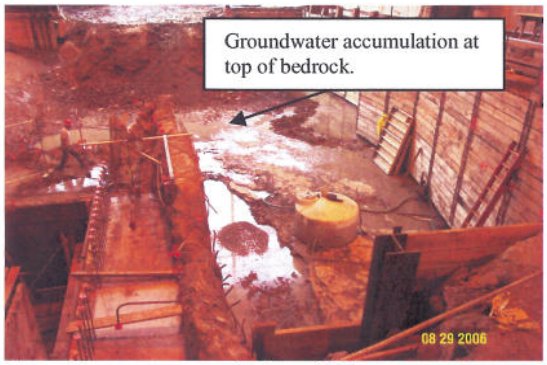
Special Metals Corporation
100 Willowbrook Avenue
Dunkirk, New York

File No. 21.0056196.10

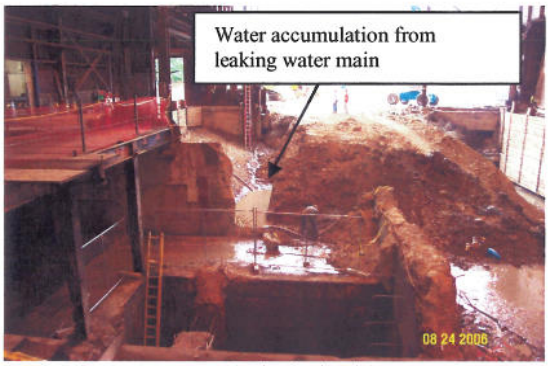


Approximate location of OIL LOCATION #4, oil encountered during the removal of floor in subbasement area, looking south.

Location of OIL LOCATION #3, looking south.

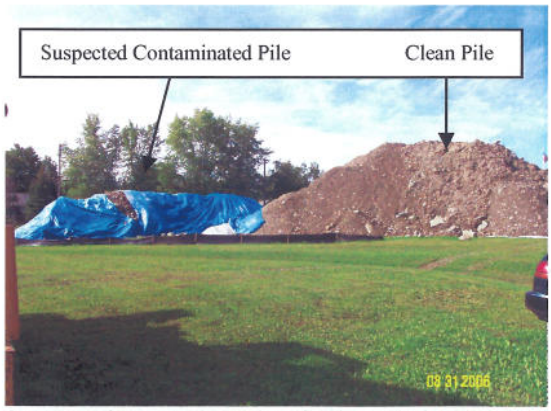


Groundwater accumulation within excavation area, looking west.



Water from water main leak, looking west.

Oily contaminated soil stockpile placement on plastic sheeting and within soil berms, looking northwest.



Suspected contaminated soil pile and clean soil pile, looking southwest.

APPENDIX B

LABORATORY ANALYTICAL REPORTS

APPENDIX B-1

Life Science Laboratory Analytical Report

Sample

Rotoforge Excavation

LSL

Bob DiFondi
Special Metals Corporation
4317 Middle Settlement
New Hartford, NY 13413

Phone: (315) 798-6825
FAX: (315) 798-6854
Authorization: PO #342428

Laboratory Analysis Report
For
Special Metals Corporation

LSL Project ID: **0612768**

Receive Date/Time: 07/28/06 16:00

Project Received by: NJT

Life Science Laboratories, Inc.

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Tel. (315) 445-1105
Fax (315) 445-1301
NYS DOH ELAP #10248
PA DEP #68-2556

LSL North Lab
131 St. Lawrence Avenue
Waddington, NY 13694
Tel. (315) 388-4476
Fax (315) 388-4061
NYS DOH ELAP #10900

LSL Finger Lakes Lab
16 N. Main St., PO Box 424
Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

LSL Southern Tier Lab
30 East Main Street
Cuba, NY 14727
Tel. (585) 968-2640
Fax (585) 968-0906
NYS DOH ELAP #10760

LSL MidLakes Lab
699 South Main Street
Canandaigua, NY 14424
Tel. (585) 396-0270
Fax (585) 396-0377
NYS DOH ELAP #11369

This report was reviewed by: _____ ***Date:*** 8/4/06

Life Science Laboratories, Inc.

A copy of this report was sent to: *Bob DiFondi*
Dunkirk Facility

Date Printed: 8/4/06

-- LABORATORY ANALYSIS REPORT --

Special Metals Corporation *New Hartford, NY*

Sample ID: **Rotoforge Excavation** **LSL Sample ID:** **0612768-001**

Location: Willobrook Ave Dunkirk, NY

Sampled: 07/28/06 12:45 **Sampled By:** BD

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) EPA 8082 PCB's					
Aroclor-1016	<0.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1221	<0.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1232	<0.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1242	8.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1248	<0.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1254	<0.5	ug/l	7/31/06	7/31/06	NJT
Aroclor-1260	<0.5	ug/l	7/31/06	7/31/06	NJT
Surrogate (DCB)	66	%R	7/31/06	7/31/06	NJT
(5) Sample Pick-Up Fee					
Sample Pick-up Charge					

Sample ID: **Rotoforge Excavation** **LSL Sample ID:** **0612768-002**

Location: Willobrook Ave Dunkirk, NY

Sampled: 07/28/06 12:46 **Sampled By:** BD

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) EPA 1311 TCLP Extraction					
TCLP Non-Volatile Extraction				7/28/06	NJT
(1) EPA 6010 TCLP Metals					
Arsenic	<1	mg/l	7/31/06	8/1/06	DP
Barium	<5	mg/l	7/31/06	8/1/06	DP
Cadmium	<0.5	mg/l	7/31/06	8/1/06	DP
Chromium	<1	mg/l	7/31/06	8/1/06	DP
Lead	<1	mg/l	7/31/06	8/1/06	DP
Selenium	<0.5	mg/l	7/31/06	8/1/06	DP
Silver	<1	mg/l	7/31/06	8/1/06	DP
(1) EPA 7471 TCLP Mercury					
Mercury	<0.002	mg/l		8/4/06	TER

Life Science Laboratories, Inc.

Date Printed: 8/4/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

-- LABORATORY ANALYSIS REPORT --

Special Metals Corporation *New Hartford, NY*

Sample ID: **Rotoforge Excavation** **LSL Sample ID:** **0612768-003**

Location: Willobrook Ave Dunkirk, NY

Sampled: 07/28/06 12:47 **Sampled By:** BD

Sample Matrix: NPW

Analytical Method Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) EPA 8260B TCL Volatiles					
Acetone	<500	ug/l		7/31/06	PRV
Benzene	<50	ug/l		7/31/06	PRV
Bromodichloromethane	<50	ug/l		7/31/06	PRV
Bromoform	<50	ug/l		7/31/06	PRV
Bromomethane	<50	ug/l		7/31/06	PRV
2-Butanone (MEK)	<50	ug/l		7/31/06	PRV
Carbon disulfide	<50	ug/l		7/31/06	PRV
Carbon tetrachloride	<50	ug/l		7/31/06	PRV
Chlorobenzene	<50	ug/l		7/31/06	PRV
Chloroethane	<50	ug/l		7/31/06	PRV
Chloroform	<50	ug/l		7/31/06	PRV
Chloromethane	<50	ug/l		7/31/06	PRV
Dibromochloromethane	<50	ug/l		7/31/06	PRV
1,1-Dichloroethane	<50	ug/l		7/31/06	PRV
1,2-Dichloroethane	<50	ug/l		7/31/06	PRV
1,1-Dichloroethene	<50	ug/l		7/31/06	PRV
1,2-Dichloroethene, Total	<100	ug/l		7/31/06	PRV
1,2-Dichloropropane	<50	ug/l		7/31/06	PRV
cis-1,3-Dichloropropene	<50	ug/l		7/31/06	PRV
trans-1,3-Dichloropropene	<50	ug/l		7/31/06	PRV
Ethyl benzene	<50	ug/l		7/31/06	PRV
2-Hexanone	<50	ug/l		7/31/06	PRV
Methylene chloride	<50	ug/l		7/31/06	PRV
4-Methyl-2-pentanone (MIBK)	<50	ug/l		7/31/06	PRV
Styrene	<50	ug/l		7/31/06	PRV
1,1,2,2-Tetrachloroethane	<50	ug/l		7/31/06	PRV
Tetrachloroethene	<50	ug/l		7/31/06	PRV
Toluene	<50	ug/l		7/31/06	PRV
1,1,1-Trichloroethane	<50	ug/l		7/31/06	PRV
1,1,2-Trichloroethane	<50	ug/l		7/31/06	PRV
Trichloroethene	<50	ug/l		7/31/06	PRV
Vinyl chloride	<50	ug/l		7/31/06	PRV
Xylenes (Total)	<200	ug/l		7/31/06	PRV
Surrogate (1,2-DCA-d4)	113	%R		7/31/06	PRV
Surrogate (Tol-d8)	110	%R		7/31/06	PRV
Surrogate (4-BFB)	140	%R		7/31/06	PRV

Life Science Laboratories, Inc.

Date Printed: 8/4/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

-- LABORATORY ANALYSIS REPORT --

Special Metals Corporation *New Hartford, NY*

Sample ID: **Rotoforge Excavation** **LSL Sample ID:** **0612768-004**

Location: Willobrook Ave Dunkirk, NY

Sampled: 07/28/06 12:49 **Sampled By:** BD

Sample Matrix: NPW

Analytical Method Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) NYS DOH 310.13, TPH's					
Fuel oil #2	<30000	mg/l		7/31/06	NJT
Gasoline	Not Present			7/31/06	NJT
Kerosene	<30000	mg/l		7/31/06	NJT
Lubricating oil	Present			7/31/06	NJT
Surrogate (Terphenyl-d14)	114	%R		7/31/06	NJT

A pattern resembling Lubricating Oil is present at an estimated amount of 290 000 mg/l.

Life Science Laboratories, Inc.

Date Printed: 8/4/06

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

Life Science Laboratories, Inc.

CHAIN OF CUSTODY RECORD

LSL Central Lab
5854 Butternut Drive
E. Syracuse, N.Y. 13057
Phone: (315)445-1105
Fax: (315)445-1301

LSL North Lab
131 St. Lawrence Ave.
Waddington, N.Y. 13694
Phone: (315)388-4476
Fax: (315)388-4061

LSL Finger Lakes Lab
16 N. Main St.
Wayland, N.Y. 14572
Phone: (585)728-3320
Fax: (585)728-2711

0612768

SpecialMetals

Phone: (585)968-2640
Fax: (585)968-0906

Turnaround Time

Normal	Pre-Authorized		
14 DAY ☐	Next Day* ☐	3-Day * ☐	*Additional Charges may apply
	2-Day * ☒	7-Day* ☐	

Report Address:
Name: Special Metals
Company:
Street:
City/State:
Zip:
Phone:
Fax:
Email:

Date Needed or Special Instructions: 6.5 Hr Labor

Authorization or P.O. #

Client Project ID/Client Site ID

LSL Project Number

	Client's Sample Identifications	Sample Date	Sample Time	Type grab/comp	Matrix	Preserv Added	Containers #	Containers size/type	Analyses	Preserv Check	LSL ID#
#1	ROTOFORGE EXCAVATION	7/28	12:45	GRAB	WATER	—	1	1000/gl	PCB'S IN WATER	both Layers if enough oil	1A
#2	" "	7/28	12:46	"	WATER	HNO3	1	125	TCLP METALS	→ Extract	2A
#3	" "	7/28	12:47	"	"	—	2	40/gl	VOC'S 8260		3A
#4	" "	7/28	12:49	"	~~WATER~~ OIL	—	1	1000/gl	IDENTIFY UNKNOWN LAYER	310.13	4A

LSL use only: 18° C on Ice

Containers this C-O-C

Custody Transfers

		Date	Time
Sampled By: [signature]	Received By:		
Relinquished By: [signature]	Received By: [signature]	7-28-06	1305
Relinquished By:	Rec'd for Lab By: [signature]	7-28-06	1600
Shipment Method:	Received Intact: Y N	Sample Temp	

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY***

FAX TO: 315-798-6854 Reg COC AND 716-366-7436

APPENDIX B-2

Paradigm Environmental Services, Inc. Analytical Reports

Samples

Unnamed samples dated 8/4/06
2000T Press Foundation
Excavation Oil
Contaminated Soil Pile
Shale/Oil
Excavation Water
Excavation Floor
Area along N Wall
Fuel Oil Tank NW Wall
Fuel Oil Tank W Wall
#7-8/6'-7'
#9-10/6'-7'

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2352

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 6 pages.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 ·
ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

pH Analysis Report

Client: Special Metals Corporation

Client Job Site:	N/A	**Lab Project Number:**	06-2332
Client Job Number:	N/A	**Date Sampled:**	08/04/2006
		Time Sampled:	N/A
		Date Received:	08/07/2006
Sample Type:	Water	**Time Received:**	10:25 AM
Location:	Laboratory	**Date Analyzed:**	08/07/2006
		Time Analyzed:	3:45 PM

Lab Sample Number	Field Number	Field Location	Result (pH)
7751	N/A	N/A	7.72

ELAP Number 10958

Method: EPA 150.1

Comments:

Signature:

For Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 062332PH.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester New York 14608 (585) 647-2530 FAX (585) 647-3311

LABORATORY REPORT OF ANALYSIS

Client: Special Metals Corporation

Client Job Site: Not Provided

Client Job No.: N/A

Field Location: Not Provided

Lab Project No.: 06-2332
Lab Sample No.: 7751

Sample Type: Water

Date Sampled: 8/4/2006
Date Received: 8/7/2006

Parameter	Date Analyzed	Analytical Method	Result (mg/l)
Oil & Grease	8/8/2006	SW-846, 1664A	8
TPH 1664	8/8/2006	SW-846, 1664A	8***

ELAP ID.No.: 10709

Comments: ND denotes Non Detected.
*** Silica Gel Treated.

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: OGTPH06-2332.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Special Metals Corporation

Client Job Site: N/A

Client Job No.: N/A

Field Location: N/A
Field ID No.: N/A

Lab Project No.: 06-2332
Lab Sample No.: 7751

Sample Type: Water

Date Sampled: 08/04/2006
Date Received: 08/07/2006

Laboratory Report for Priority Pollutant Metals Analysis in Water

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Antimony	08/09/2006	EPA 200.7	<0.060
Arsenic	08/09/2006	EPA 200.7	0.019
Beryllium	08/09/2006	EPA 200.7	<0.005
Cadmium	08/09/2006	EPA 200.7	<0.005
Chromium	08/09/2006	EPA 200.7	0.032
Copper	08/09/2006	EPA 200.7	0.047
Lead	08/09/2006	EPA 200.7	0.021
Mercury	08/09/2006	EPA 245.1	<0.0002
Nickel	08/09/2006	EPA 200.7	0.060
Selenium	08/09/2006	EPA 200.7	0.016
Silver	08/09/2006	EPA 200.7	<0.010
Thallium	08/09/2006	EPA 200.7	<0.006
Zinc	08/09/2006	EPA 200.7	0.087

ELAP ID No.:10958

Comments:

Approved By: _____
For: Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

File ID:062332.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable Water

Client: Special Metals Corporation

Client Job Site:	N/A	**Lab Project Number:**	06-2332
		Lab Sample Number:	7751
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	08/04/2006
Field ID Number:	N/A	**Date Received:**	08/07/2006
Sample Type:	Water	**Date Analyzed:**	08/09/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 3.00
Aroclor 1221	ND< 3.00
Aroclor 1232	ND< 3.00
Aroclor 1242	ND< 3.00
Aroclor 1248	17.5
Aroclor 1254	ND< 3.00
Aroclor 1260	ND< 3.00

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

062332P1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY:	Special Metals Corporation	COMPANY:	Same	LAB PROJECT #: 06-2332	CLIENT PROJECT #:
ADDRESS:	4317 Middle Settlement Road	ADDRESS:			
CITY: New Hartford	STATE: NY ZIP: 13413	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 315-798-6825	FAX: 315-798-6854	PHONE:	FAX:	Wed, 8/9, PM	STD / OTHER
PROJECT NAME/SITE NAME:	ATTN: Robert DiFondi	ATTN:		[ ] 1 [ ] 2 [X] 3 [ ] 5	[ ]
	COMMENTS:			Quotation #	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	OIL & Grease	TPH 1664	PCB's	PPL Metals	pH						REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/4/06			X		W	4	X	X	X	X	X							7751
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [X]	N [ ]
Comments:		
Preservation:	Y [ ]	N [X]
Comments: H_2SO_4 added in lab to 0/g		
Holding Time:	Y [ ]	N [X]
Comments: pH beyond holding time		
Temperature:	Y [ ]	N [X]
Comments: 26°C		

Sampled By: [signature]	Date/Time: 8/4/06 18:00	Total Cost:
Relinquished By: [signature]	Date/Time: 8/4/06, 18:00	
Received By: Elizabeth A. Honch	Date/Time: 8/7/06 1025	P.I.F.
Received @ Lab By	Date/Time	

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2368

The reported results relate only to the samples as they have been received by the laboratory.

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All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

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"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 3 pages.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 ·
ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Flashpoint by Pensky-Martin Analysis Report

Client: Special Metals

Client Job Site: N/A

Client Job Number: N/A

Sample Type: Water

Lab Project Number: 06-2368

Date Sampled: 08/08/2006
Date Received: 08/09/2006
Date Analyzed: 08/09/2006

Lab Sample Number	Field Number	Field Location	Result (°C)
7819	N/A	2000T Press Foundation	>70

ELAP Number 10958

Method: SW846 1010

Comments: °C = degrees Centigrade

Signature: (for)
Bruce Hoogesteger: Technical Director

-3-

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:

COMPANY: SPECIAL Metals
ADDRESS: 100 Willowbrook Ave
CITY: Dunkirk STATE: NY ZIP: 14048
PHONE: 315-798-6825 FAX: 315-798-6854
ATTN: Robert Di Fondi
COMMENTS:

INVOICE TO:

COMPANY:
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 06-2368
CLIENT PROJECT #:

TURNAROUND TIME: (WORKING DAYS)
STD OTHER
[X] 1 [ ] 2 [ ] 3 [ ] 5 [ ]

QUOTE #:

PROJECT NAME/SITE NAME:

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	1 GLASS										REMARKS	PARADIGM LAB SAMPLE NUMBER
1 8/8	11:00		X	2000T PRESS	WATER	1	X											7819
2				FOUNDATION														
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [X]	N [ ]
Preservation: Comments:	Y [X]	N [ ]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: 14°C iced	Y [ ]	N [X]

Bobbie Fondi — Sampled By — 8/8/06 — Date/Time

Bobbie Fondi — Relinquished By — 8/8/06 2:10 — Date/Time

James A. Steiner — Received By — 8/08/06 2:10 PM — Date/Time

Elizabeth A. Hanch — Received @ Lab By — 8/9/06 0915 — Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06 · 2482

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 9 pages.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 ·
ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Oils

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2482
		Lab Sample Number:	8265
Client Job Number:	N/A		
Field Location:	Excavation Oil Layer	**Date Sampled:**	08/15/2006
Field ID Number:	N/A	**Date Received:**	08/18/2006
Sample Type:	Oil	**Date Analyzed:**	08/25/2006

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.982
Aroclor 1221	ND< 0.982
Aroclor 1232	ND< 0.982
Aroclor 1242	ND< 0.982
Aroclor 1248	7.04
Aroclor 1254	ND< 0.982
Aroclor 1260	ND< 0.982

ELAP Number 10709 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Flashpoint by Pensky-Martin Analysis Report

Client: Special Metals Corp.

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2482
Client Job Number:	N/A		
		Date Sampled:	08/16/2006
		Date Received:	08/18/2006
Sample Type:	Soil	Date Analyzed:	08/21/2006

Lab Sample Number	Field Number	Field Location	Result (°C)
8268	N/A	Contaminated Soil Pile	>70

ELAP Number 10958

Method: SW846 1010

Comments: °C = degrees Centigrade

Signature:

Bruce Hoogesteger: Technical Director

Chain of Custody provides additional sample information

File ID: 062482F1.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Special Metals Corp

Client Job Site: N/A

Client Job No.: N/A

Field Location: Contaminated Soil Pile
Field ID No.: N/A

Lab Project No.: 06-2482
Lab Sample No.: 8268

Sample Type: TCLP Extract

Date Sampled: 08/16/2006
Date Received: 08/18/2006

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Chromium*	08/19/2006	EPA 6010	<0.050	5.0
Lead	08/19/2006	EPA 6010	<0.100	5.0

ELAP ID No.: 10958

Comments: *The laboratory control spike and spike duplicate percent difference was outside QC limits.

Approved By: _____
Bruce Hoogesteger, Technical Director

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File ID:062482.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2482
		Lab Sample Number:	8268
Client Job Number:	N/A		
Field Location:	Contaminated Soil Pile	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/18/2006
Sample Type:	Soil	Date Analyzed:	08/22/2006

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.324
Aroclor 1221	ND< 0.324
Aroclor 1232	ND< 0.324
Aroclor 1242	ND< 0.324
Aroclor 1248	ND< 0.324
Aroclor 1254	ND< 0.324
Aroclor 1260	ND< 0.324

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Spcial Metals Dunkirk, NY	Lab Project Number:	06-2482
		Lab Sample Number:	8268
Client Job Number:	N/A		
Field Location:	Contaminated Soil Pile	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/18/2006
Sample Type:	Soil	Date Analyzed:	08/22/2006

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 314	Dibenz (a,h) anthracene	ND< 314
Anthracene	ND< 314	Fluoranthene	ND< 314
Benzo (a) anthracene	ND< 314	Fluorene	ND< 314
Benzo (a) pyrene	ND< 314	Indeno (1,2,3-cd) pyrene	ND< 314
Benzo (b) fluoranthene	ND< 314	Naphthalene	ND< 314
Benzo (g,h,i) perylene	ND< 314	Phenanthrene	ND< 314
Benzo (k) fluoranthene	ND< 314	Pyrene	ND< 314
Chrysene	ND< 314	Acenaphthylene	ND< 314
Diethyl phthalate	ND< 314	1,2-Dichlorobenzene	ND< 314
Dimethyl phthalate	ND< 785	1,3-Dichlorobenzene	ND< 314
Butylbenzylphthalate	ND< 314	1,4-Dichlorobenzene	ND< 314
Di-n-butyl phthalate	ND< 314	1,2,4-Trichlorobenzene	ND< 314
Di-n-octylphthalate	ND< 314	Nitrobenzene	ND< 314
Bis (2-ethylhexyl) phthalate	ND< 314	2,4-Dinitrotoluene	ND< 314
2-Chloronaphthalene	ND< 314	2,6-Dinitrotoluene	ND< 314
Hexachlorobenzene	ND< 314	Bis (2-chloroethyl) ether	ND< 314
Hexachloroethane	ND< 314	Bis (2-chloroisopropyl) ether	ND< 314
Hexachlorocyclopentadiene	ND< 314	Bis (2-chloroethoxy) methan	ND< 314
Hexachlorobutadiene	ND< 314	4-Bromophenyl phenyl ether	ND< 314
N-Nitroso-di-n-propylamine	ND< 314	4-Chlorophenyl phenyl ether	ND< 314
N-Nitrosodiphenylamine	ND< 314	Benzidine	ND< 785
N-Nitrosodimethylamine	ND< 314	3,3'-Dichlorobenzidine	ND< 314
Isophorone	ND< 314	4-Chloroaniline	ND< 314
Benzyl alcohol	ND< 785	2-Nitroaniline	ND< 785
Dibenzofuran	ND< 314	3-Nitroaniline	ND< 785
2-Methylnapthalene	ND< 314	4-Nitroaniline	ND< 785

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 314	2-Methylphenol	ND< 314
2-Chlorophenol	ND< 314	4-Methylphenol	ND< 314
2,4-Dichlorophenol	ND< 314	2,4-Dimethylphenol	ND< 314
2,6-Dichlorophenol	ND< 314	2-Nitrophenol	ND< 314
2,4,5-Trichlorophenol	ND< 785	4-Nitrophenol	ND< 785
2,4,6-Trichlorophenol	ND< 314	2,4-Dinitrophenol	ND< 314
Pentachlorophenol	ND< 785	4,6-Dinitro-2-methylphenol	ND< 785
4-Chloro-3-methylphenol	ND< 314	Benzoic acid	ND< 785

ELAP Number 10958 Method: EPA 8270C Data File: S30875.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp.

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2482
		Lab Sample Number:	8268
Client Job Number:	N/A		
Field Location:	Contaminated Soil Pile	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/18/2006
Sample Type:	Soil	Date Analyzed:	08/21/2006

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 8.48
Bromomethane	ND< 8.48
Bromoform	ND< 8.48
Carbon Tetrachloride	ND< 8.48
Chloroethane	ND< 8.48
Chloromethane	ND< 8.48
2-Chloroethyl vinyl Ether	ND< 8.48
Chloroform	ND< 8.48
Dibromochloromethane	ND< 8.48
1,1-Dichloroethane	ND< 8.48
1,2-Dichloroethane	ND< 8.48
1,1-Dichloroethene	ND< 8.48
cis-1,2-Dichloroethene	ND< 8.48
trans-1,2-Dichloroethene	ND< 8.48
1,2-Dichloropropane	ND< 8.48
cis-1,3-Dichloropropene	ND< 8.48
trans-1,3-Dichloropropene	ND< 8.48
Methylene chloride	ND< 21.2
1,1,2,2-Tetrachloroethane	ND< 8.48
Tetrachloroethene	ND< 8.48
1,1,1-Trichloroethane	ND< 8.48
1,1,2-Trichloroethane	ND< 8.48
Trichloroethene	ND< 8.48
Trichlorofluoromethane	ND< 8.48
Vinyl chloride	ND< 8.48

Aromatics	Results in ug / Kg
Benzene	ND< 8.48
Chlorobenzene	ND< 8.48
Ethylbenzene	17.1
Toluene	55.2
m,p-Xylene	88.1
o-Xylene	20.3
Styrene	ND< 8.48
1,2-Dichlorobenzene	ND< 8.48
1,3-Dichlorobenzene	ND< 8.48
1,4-Dichlorobenzene	ND< 8.48

Ketones	Results in ug / Kg
Acetone	ND< 42.4
2-Butanone	ND< 21.2
2-Hexanone	ND< 21.2
4-Methyl-2-pentanone	ND< 21.2

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 21.2
Vinyl acetate	ND< 21.2

ELAP Number 10958 Method: EPA 8260B Data File: V38467.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger: Technical Director

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179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: SPECIAL METALS CORP
ADDRESS: 100 WILLOWBROOK AVE
CITY: DUNKIRK STATE: NY ZIP: 14048
PHONE: FAX: 716-366-7436
ATTN: BOB DIFONDI

INVOICE TO:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
PHONE: 315 798-6854 FAX:
ATTN:

LAB PROJECT #: 06-2482
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) STD [X] 5 OTHER [ ] 1 [ ] 2 [ ] 3
QUOTE #:

PROJECT NAME/SITE NAME: Special Metals Dunkirk, NY per J.H. 8/21 BH 8/21

COMMENTS:

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBER	PCB'S	TCLP METALS			TCLP - Cr	TCLP - LEAD	BENZENE - will be included in 8260 TCLP list per JH	VOC'S TCLP	SVOC'S TCLP	IGNITABILITY	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 8/15	8:30		X	EXCAVATION OIL LAYER	OIL	1	X										→ by 8/24	8265
2																		
3 8/15	1:15	X		#1-2-3/6'-7'	SOIL	1	X	X						X	X		~~Need By 8/24~~ Hold Until Monday	8266
4																		
5 8/15	2:20		X	#5-6/6'-7'	SOIL	1	X	X						X	X			8267
6																		
7 8/16	8:00	X		CONTAMINATED SOIL PILE	SOIL		X				X	X	X	X	X	X	Need By ~~8/24~~ 8-18-06 OK per client JH 8-22	8268
8																LPC		
9 8/16	1:45		X	#7-8/6'-7'	SOIL	1	X	X						X	X		Need By 8/24	8269
10																		

Hold until Monday

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Cont. Soil Pile Container Type: Comments: in plastic - transferred to glass	Y [ ]	N [X]
Preservation: Comments:	Y [X]	N [ ]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: 13°C iced	Y [ ]	N [X]

Sampled By: Bob DiFondi — Date/Time: 8/17/06
Relinquished By: Bob DiFondi — Date/Time: 8/17/06
Received By: John Hoff — Date/Time: 8/17/06
Received @ Lab By: Elizabeth A. Honch — Date/Time: 8/18/06 0950

Total Cost:
P.I.F.

Hold until Monday

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: SPECIAL METALS	COMPANY:	LAB PROJECT #: 06-2482 / CLIENT PROJECT #:
ADDRESS:	ADDRESS:	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: FAX: 716-366 7436	PHONE: FAX: 315-798-6854	STD / OTHER
ATTN: BOB DiFONDI	ATTN:	1 2 3 ☒ 5
COMMENTS:		QUOTE #:

PROJECT NAME/SITE NAME: Special Metals Dunkirk, NY per J.H. 8/21 EAH 8/21

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS NUMBER	PCB'S	TCLP METALS	VOC'S	SVOC'S							REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/16	2:30		X	9-10/6'-7'	SOIL	1	X	X	X	X								8270
2																			
3	8/17	8:20		X	40-41/4'-5'	SOIL	1	X	X	X	X							NEED BY 8/24	8271
4																			
5	8/17	8:25		X	42-43/4'-5'	SOIL	1	X	X	X	X								8272
6																			
7																			
8																			
9																			
10																			

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Cont. Soil Pile in plastic - transferred to glass	Y ☐	N ☒
Preservation:	Y ☒	N ☐
Holding Time:	Y ☒	N ☐
Temperature: 13°C iced	Y ☐	N ☒

Sampled By: Bob DiFondi — Date/Time: 8/17/06

Relinquished By: [signature] — Date/Time: 8/17/06

Received By: Elizabeth A. Honch — Date/Time: 8/18/06 0950

Received @ Lab By — Date/Time:

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2514

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 5 pages.

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ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Oils

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2514
		Lab Sample Number:	8401
Client Job Number:	N/A		
Field Location:	Shale / Oil	**Date Sampled:**	08/21/2006
Field ID Number:	N/A	**Date Received:**	08/22/2006
Sample Type:	Oil	**Date Analyzed:**	08/24/2006

PHC Classification	Results in ug / Kg
Heavy Weight PHC as: Lube Oil	Pure Product

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: _____
Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable Water

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2514
		Lab Sample Number:	8402
Client Job Number:	N/A		
Field Location:	Excavation Water	**Date Sampled:**	8/21/2006
Field ID Number:	N/A	**Date Received:**	8/22/2006
Sample Type:	Water	**Date Analyzed:**	8/25/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 2.00
Aroclor 1221	ND< 2.00
Aroclor 1232	ND< 2.00
Aroclor 1242	ND< 2.00
Aroclor 1248	0.91J
Aroclor 1254	ND< 2.00
Aroclor 1260	ND< 2.00

ELAP Number 10709 Method: EPA 8082

Comments: ND denotes Non Detect
ug / L = microgram per Liter
J = Estimated value below reporting limit.

Signature:
Bruce Hoogesteger: Technical Director

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PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: Special Metals
ADDRESS: 100 Willowbrook Ave
CITY: Dunkirk STATE: NY ZIP: 14048
PHONE: 315.525.4340 FAX: 716 366 7436
ATTN: Bob DiFonde
COMMENTS:

INVOICE TO:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 06-2514
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) 1 2 3 STD 5 OTHER
QUOTE #:

PROJECT NAME/SITE NAME: Special Metals Dunkirk, NY

per JH 8/23

REQUESTED ANALYSIS

	DATE (From sample jars EAH 8/22)	TIME	COMPOSITE	GRAB (EAH 8/23)	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	PCB'S	OIL-ID		PCB'S in water						REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/21	4:00		X	SHALE/OIL	OIL	1	X	X								Need by 8/23	8401
2																		
3	8/21	3:30		X	North Excavation Water	Water	1				X						Need by 8/23	8402
4																		
5																		
6																		
7																		
8																		
9																		
10																		

8/24 CBG 8/22 MS

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [X]	N [ ]
Preservation: Comments:	Y [X]	N [ ]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: 21°C iced	Y [ ]	N [X]

Bob DiFonde
Sampled By — Date/Time: 8/22/06 8:55

Bob DiFonde
Relinquished By — Date/Time: 8/22/06 8:55

James A. Steiner
Received By — Date/Time: 8/22/06 1530

Elizabeth A. Honch
Received @ Lab By — Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2597

The reported results relate only to the samples as they have been received by the laboratory.

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"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 5 pages.

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ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable Water

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2597
		Lab Sample Number:	8681
Client Job Number:	N/A		
Field Location:	Excavation Floor	Date Sampled:	08/29/2006
Field ID Number:	N/A	Date Received:	08/29/2006
Sample Type:	Water	Date Analyzed:	08/30/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 11179 Method: EPA 8082

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: (for)
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Non-potable Water

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2597
		Lab Sample Number:	8682
Client Job Number:	N/A		
Field Location:	Area along N Wall	**Date Sampled:**	08/29/2006
Field ID Number:	N/A	**Date Received:**	08/29/2006
Sample Type:	Water	**Date Analyzed:**	08/30/2006

PCB Identification	Results in ug / L
Aroclor 1016	ND< 1.00
Aroclor 1221	ND< 1.00
Aroclor 1232	ND< 1.00
Aroclor 1242	ND< 1.00
Aroclor 1248	ND< 1.00
Aroclor 1254	ND< 1.00
Aroclor 1260	ND< 1.00

ELAP Number 11179 Method: EPA 8082

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: (for)
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PHC Analysis Report for Oils

Client: Special Metals

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2597
		Lab Sample Number:	8682
Client Job Number:	N/A		
Field Location:	Area Along N. Wall	Date Sampled:	08/29/2006
Field ID Number:	N/A	Date Received:	08/29/2006
Sample Type:	Oil	Date Analyzed:	08/29/2006

PHC Classification	Results in ug / Kg
Medium Weight PHC as: Fuel Oil #6	Pure Product

ELAP Number 10958 Method: NYSDOH 310.13

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
PHC = Petroleum Hydrocarbon

Signature: (for)
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: SPECIAL METALS
ADDRESS: WILLOWBROOK AVE
CITY: DUNKIRK STATE: ZIP:
PHONE: FAX: 716 366 7436
ATTN:
COMMENTS:

INVOICE TO:
COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 06-2597
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS)
STD: [X] 1 [ ] 2 [ ] 3 [ ] 5 OTHER [ ]
QUOTE #:

PROJECT NAME/SITE NAME: Special Metals Dunkirk, NY

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	PCB'S	TPH (OIL ID)									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/29	7:50		X	EXCAVATION FLOOR	WATER	1	X										Both PCB samples sent to Wastream EAH 8/29	8681
2																			
3	8/29	8:10		X	AREA ALONG N. WALL	WATER	2	X	X										8682
4																			
5																			
6																			
7																			
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [X]	N [ ]
Preservation: Comments: NA	Y [ ]	N [ ]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: NA	Y [ ]	N [ ]

Bob Di Fordi — Sampled By — Date/Time: 8/29
Bob Di Fordi — Relinquished By — Date/Time: 8/29 9:30 AM
James A. Stemer — Received By — Date/Time: 8/29/06 9:30 AM
Elizabeth A. Honch — Received @ Lab By — Date/Time: 8/29/06 1445

Total Cost:
P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # Qe-2608

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 6 pages.

179 Lake Avenue · Rochester, NY 14608 · (585) 647-2530 · Fax (585) 647-3311 ·
ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals

Client Job Site:	Special Metals	**Lab Project Number:**	06-2608
		Lab Sample Number:	8713
Client Job Number:	N/A		
Field Location:	Fuel Oil Tank NW Wall	**Date Sampled:**	08/30/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/30/2006

Aromatics	Results in ug / Kg
Benzene	ND< 6.41
n-Butylbenzene	ND< 6.41
sec-Butylbenzene	ND< 6.41
tert-Butylbenzene	ND< 6.41
Ethylbenzene	ND< 6.41
n-Propylbenzene	ND< 6.41
Isopropylbenzene	ND< 6.41
p-Isopropyltoluene	ND< 6.41
Naphthalene	ND< 16.0
Toluene	ND< 6.41
1,2,4-Trimethylbenzene	ND< 6.41
1,3,5-Trimethylbenzene	ND< 6.41
m,p-Xylene	ND< 6.41
o-Xylene	ND< 6.41
Miscellaneous	
Methyl tert-butyl Ether	ND< 6.41

ELAP Number 10958 Method: EPA 8260B Data File: V38759.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals

Client Job Site:	Special Metals	**Lab Project Number:**	06-2608
		Lab Sample Number:	8714
Client Job Number:	N/A		
Field Location:	Fuel Oil Tank W Wall	**Date Sampled:**	08/30/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/30/2006

Aromatics	Results in ug / Kg
Benzene	ND< 8.73
n-Butylbenzene	ND< 8.73
sec-Butylbenzene	ND< 8.73
tert-Butylbenzene	ND< 8.73
Ethylbenzene	ND< 8.73
n-Propylbenzene	ND< 8.73
Isopropylbenzene	ND< 8.73
p-Isopropyltoluene	ND< 8.73
Naphthalene	ND< 21.8
Toluene	16.2
1,2,4-Trimethylbenzene	ND< 8.73
1,3,5-Trimethylbenzene	ND< 8.73
m,p-Xylene	17.4
o-Xylene	ND< 8.73
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.73

ELAP Number 10958 Method: EPA 8260B Data File: V38760.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outlier indicates probable matrix interference

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals

Client Job Site:	Special Metals	**Lab Project Number:**	06-2608
		Lab Sample Number:	8713
Client Job Number:	N/A		
Field Location:	Fuel Oil Tank NW Wall	**Date Sampled:**	08/30/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/31/2006

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 325
Acenaphthylene	ND< 325
Anthracene	ND< 325
Benzo (a) anthracene	ND< 325
Benzo (a) pyrene	ND< 325
Benzo (b) fluoranthene	ND< 325
Benzo (g,h,i) perylene	ND< 325
Benzo (k) fluoranthene	ND< 325
Chrysene	ND< 325
Dibenz (a,h) anthracene	ND< 325
Fluoranthene	ND< 325
Fluorene	ND< 325
Indeno (1,2,3-cd) pyrene	ND< 325
Naphthalene	ND< 325
Phenanthrene	ND< 325
Pyrene	ND< 325

ELAP Number 10958 Method: EPA 8270C Data File: S31091.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals

Client Job Site:	Special Metals	**Lab Project Number:**	06-2608
		Lab Sample Number:	8714
Client Job Number:	N/A		
Field Location:	Fuel Oil Tank W Wall	**Date Sampled:**	08/30/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/31/2006

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 344
Acenaphthylene	ND< 344
Anthracene	ND< 344
Benzo (a) anthracene	ND< 344
Benzo (a) pyrene	ND< 344
Benzo (b) fluoranthene	ND< 344
Benzo (g,h,i) perylene	ND< 344
Benzo (k) fluoranthene	ND< 344
Chrysene	ND< 344
Dibenz (a,h) anthracene	ND< 344
Fluoranthene	ND< 344
Fluorene	ND< 344
Indeno (1,2,3-cd) pyrene	ND< 344
Naphthalene	ND< 344
Phenanthrene	ND< 344
Pyrene	ND< 344

ELAP Number 10958 Method: EPA 8270C Data File: S31092.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:

COMPANY: Special Metals
ADDRESS: 100 Willowbrook Ave
CITY: Dunkirk STATE: NY ZIP: 14048
PHONE: FAX:
ATTN:
COMMENTS:

INVOICE TO:

COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 06-2608
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS)
STD: [X] 1 [ ] 2 [ ] 3 [ ] 5 OTHER [ ]
QUOTE #:

PROJECT NAME/SITE NAME: Special Metals

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	PCB	STARS 8260	SVOC 8270								REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/30	7:50		X	Fuel Oil Tank N.W. Wall	Soil	1	X	X	X									8713
2																			
3	8/30	7:55		X	Fuel Oil Tank W. Wall	Soil	1	X	X	X									8714
4																			
5																			
6																			
7																			
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [ ]	N [ ]
Preservation: Comments:	Y [ ]	N [ ]
Holding Time: Comments:	Y [ ]	N [ ]
Temperature: Comments: 10°C ice	Y [✓]	N [ ]

Bob Di Fondi — Sampled By — Date/Time: 8/30
Bob Di Fondi — Relinquished By — Date/Time: 8/30 9:30
[signature] — Received By — Date/Time: 8/30/06 9:30
Received @ Lab By — Date/Time

Total Cost:

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

For Lab Project # 06-2610

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received".

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

This report contains a total of 8 pages.

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PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2610
Client Job Number:	N/A	**Lab Sample Number:**	8720
Field Location:	#7-8 / 6'-7'	**Date Sampled:**	08/16/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/31/2006

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 315
Acenaphthylene	ND< 315
Anthracene	ND< 315
Benzo (a) anthracene	ND< 315
Benzo (a) pyrene	ND< 315
Benzo (b) fluoranthene	ND< 315
Benzo (g,h,i) perylene	ND< 315
Benzo (k) fluoranthene	ND< 315
Chrysene	ND< 315
Dibenz (a,h) anthracene	ND< 315
Fluoranthene	ND< 315
Fluorene	ND< 315
Indeno (1,2,3-cd) pyrene	ND< 315
Naphthalene	ND< 315
Phenanthrene	ND< 315
Pyrene	ND< 315

ELAP Number 10958 Method: EPA 8270C Data File: S31099.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger, Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2610
		Lab Sample Number:	8721
Client Job Number:	N/A		
Field Location:	#9-10 / 6'-7'	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/30/2006
Sample Type:	Soil	Date Analyzed:	09/01/2006

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 333
Acenaphthylene	ND< 333
Anthracene	ND< 333
Benzo (a) anthracene	ND< 333
Benzo (a) pyrene	ND< 333
Benzo (b) fluoranthene	ND< 333
Benzo (g,h,i) perylene	ND< 333
Benzo (k) fluoranthene	ND< 333
Chrysene	ND< 333
Dibenz (a,h) anthracene	ND< 333
Fluoranthene	ND< 333
Fluorene	ND< 333
Indeno (1,2,3-cd) pyrene	ND< 333
Naphthalene	ND< 333
Phenanthrene	ND< 333
Pyrene	ND< 333

ELAP Number 10958 Method: EPA 8270C Data File: S31100.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:
Bruce Hoogesteger: Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2610
		Lab Sample Number:	8720
Client Job Number:	N/A		
Field Location:	#7-8 / 6'-7'	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/30/2006
Sample Type:	Soil	Date Analyzed:	08/30/2006

Aromatics	Results in ug / Kg
Benzene	ND< 8.71
n-Butylbenzene	ND< 8.71
sec-Butylbenzene	ND< 8.71
tert-Butylbenzene	ND< 8.71
Ethylbenzene	ND< 8.71
n-Propylbenzene	ND< 8.71
Isopropylbenzene	ND< 8.71
p-Isopropyltoluene	ND< 8.71
Naphthalene	ND< 21.8
Toluene	ND< 8.71
1,2,4-Trimethylbenzene	ND< 8.71
1,3,5-Trimethylbenzene	ND< 8.71
m,p-Xylene	ND< 8.71
o-Xylene	ND< 8.71
Miscellaneous	
Methyl tert-butyl Ether	ND< 8.71

ELAP Number 10958 Method: EPA 8260B Data File: V38761.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2610
		Lab Sample Number:	8721
Client Job Number:	N/A		
Field Location:	#9-10 / 6'-7'	**Date Sampled:**	08/16/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/30/2006

Aromatics	Results in ug / Kg
Benzene	ND< 11.5
n-Butylbenzene	ND< 11.5
sec-Butylbenzene	ND< 11.5
tert-Butylbenzene	ND< 11.5
Ethylbenzene	ND< 11.5
n-Propylbenzene	ND< 11.5
Isopropylbenzene	ND< 11.5
p-Isopropyltoluene	ND< 11.5
Naphthalene	ND< 28.7
Toluene	ND< 11.5
1,2,4-Trimethylbenzene	ND< 11.5
1,3,5-Trimethylbenzene	ND< 11.5
m,p-Xylene	ND< 11.5
o-Xylene	ND< 11.5
Miscellaneous	
Methyl tert-butyl Ether	ND< 11.5

ELAP Number 10958 Method: EPA 8260B Data File: V38762.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	**Lab Project Number:**	06-2610
		Lab Sample Number:	8720
Client Job Number:	N/A		
Field Location:	#7-8 / 6'-7'	**Date Sampled:**	08/16/2006
Field ID Number:	N/A	**Date Received:**	08/30/2006
Sample Type:	Soil	**Date Analyzed:**	08/31/2006

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.327
Aroclor 1221	ND< 0.327
Aroclor 1232	ND< 0.327
Aroclor 1242	ND< 0.327
Aroclor 1248	ND< 0.327
Aroclor 1254	ND< 0.327
Aroclor 1260	ND< 0.327

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Special Metals Corp

Client Job Site:	Special Metals Dunkirk, NY	Lab Project Number:	06-2610
Client Job Number:	N/A	Lab Sample Number:	8721
Field Location:	#9-10 / 6'-7'	Date Sampled:	08/16/2006
Field ID Number:	N/A	Date Received:	08/30/2006
Sample Type:	Soil	Date Analyzed:	08/31/2006

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.343
Aroclor 1221	ND< 0.343
Aroclor 1232	ND< 0.343
Aroclor 1242	ND< 0.343
Aroclor 1248	ND< 0.343
Aroclor 1254	ND< 0.343
Aroclor 1260	ND< 0.343

ELAP Number 10958 Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: SPECIAL METALS CORP	COMPANY:	LAB PROJECT #: 06-2610 / CLIENT PROJECT #:
ADDRESS: 100 WILLOWBROOK AVE	ADDRESS:	
CITY: DUNKIRK STATE: NY ZIP: 14048	CITY: STATE: ZIP:	TURNAROUND TIME (WORKING DAYS): Due date 9/5
PHONE: 315.798.6825 FAX: 716-366-7436	PHONE: 315 798-6854 FAX:	STD ☒ 1 ☐ 2 ☐ 3 ☐ 5 / OTHER ☐
PROJECT NAME/SITE NAME: Special Metals, Dunkirk, NY	ATTN: BOB DIFONDI / ATTN:	
COMMENTS:		QUOTE #:

per J.H. 8/06 EAH 8/31

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	PCB'S	TCLP METALS			TCLP - Cr	TCLP - LEAD	BENZENE	VOC'S	SVOC'S	IGNITIBILITY	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/15	8:30		X	EXCAVATION OIL LAYER	OIL	1	X										→ by 8/21	
2																			
3	8/15	1:15	X		#1-2-3/6'-7'	SOIL	1	X	X						X	X		Need By 8/24 Hold Until Monday	
4																			
5	8/15	2:20		X	# 5-6/6'-7'	SOIL	1	X	X						X	X			
6																			
7	8/16	8:00	X		CONTAMINATED SOIL PILE			X				X	X	X	X	X	X	Need By 8/21	
8																			
9	8/16	1:45		X	#7-8/6'-7'	SOIL	1	X	X						X	X		Need By 8/24	8720
10																			

LAB USE ONLY BELOW THIS LINE

ok per B.D. 8/30 to analyze beyond holding time EAH 8/31

CPC B.D. 8/30 Run for 8260 ★, 8270 ★, PCB - #7-8/6-7' and 9-10/6-7' EAH 8/31

Hold Until Monday

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y ✓	N ☐
Preservation: Comments:	Y ✓	N ☐
Holding Time: Comments: HT exp 8/31	Y ☐	N ☐
Temperature: Comments: 4°C	Y ✓	N ☐

Sampled By: Bob DiFondi	Date/Time: 8/17/06	Total Cost:
Relinquished By:	Date/Time: 8/17/06	
Received By:	Date/Time: 8/30/06 1650	P.I.F.
Received @ Lab By:	Date/Time:	

APPENDIX B-3

IsleChem, LLC Analytical Reports

Samples

Elevation Sub Basement Center ½ Core Hole
Outside Building North of Overhead Door
Basement North Side Sub-Level
Sub Floor 2000T Intermediate Floor
Oil (from Sub Floor 2000T Intermediate Floor)

Laboratory Analysis Result Table

Client: Jim Panepinto
Pinto Construction

1 Babcock Street
Buffalo, NY 14210

Report Date: Monday, August 28, 2006
Report ID: **NY608145.0.3704**
PO# / Release# 8400 /
Reference #:
Sample Date: **Friday, August 25, 2006**
Sample Time: **04:30 PM**
Report Status: **Final**

Project: **Oil Sample for Analysis**
Press Foundation
Special Metals
100 Willow Brook
Dunkirk, NY

Phase:
Batch: --

Authorized Signature:

☑ Richard V. Finn, Manager of Chemical Testing
☐ Martin Ruszaj, Director of Chemical Testing

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte	Results	Analyst / Date
The following result table is for 1 samples received by IsleChem LLC on 08/25/2006 submitted by Pinto Construction				
Also enclosed is the paperwork submitted with the samples.				
Sample A	19764 / 110146	Elevation Sub Basement Center 1 1/2 Core Hole / Field Grab - Oil		
Polychlorinate Biphenyls (PCB's)				
Modified SW 846 8082		Aroclor - 1016	**<1 mg/kg**	RS 8/28/2006
		Aroclor - 1221	**<1 mg/kg**	RS 8/28/2006
		Aroclor - 1232	**<1 mg/kg**	RS 8/28/2006
		Aroclor - 1242	**2.7 mg/kg**	RS 8/28/2006
		Aroclor - 1248	**<1 mg/kg**	RS 8/28/2006
		Aroclor - 1254	**<1 mg/kg**	RS 8/28/2006
		Aroclor - 1260	**<1 mg/kg**	RS 8/28/2006

end of sample 19764

IsleChem, LLC
2801 Long Road
Grand Island
New York 14072
Tel: (716) 773-8614
Fax: (716) 773-8517

NYS DOH ELAP ID# 11862

Sample ID	Lab ID / Vessel	Location / Description		Analyst
Analyte Group / Method		Analyte	Results	Date

General Disclaimer

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•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee with be charged for the return of any sample(s).

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NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY608145 0.3704
Report Status: Final

Special METALS
Organization Name

100 Willow Brook
Street Address

Dunkirk NY
City, State, ZIP

DAVID LOEAGER
Contact Person

570-7220 / 825-6773
Phone# and Fax#

Press Foundation
Project Name

8400
Client PO / Release #

8/25/06
Date Sampled

# of Samples / # of Bottles

Rush - Mon 8/28/06
Turnaround / Date Results Needed

NY608145.3704
IsleChem, LLC. Project #

QC reporting level requested: Std Full

Are RUSH charges authorized? Yes No

Lab ID	Sample Location	Matrix	Comp	Grab	PCBs OK	Bottle Type / Preservative
110146	Elevator Sump Basement Center 1½ Cover Hole Sample "A"			X	X	

[redacted] Photo Construction & Report to

	Date	Time		Date	Time
Sampled By	8/25/06	4:55	Received by		
Relinquished by	8/25/06	4:55	Received by lab	8/25/06	4:50

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Grand Island, NY 14072
Phone: 716-773-8614
Fax: 716-773-8517

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Grand Island
New York 14072
Tel: (716) 773-8614
Fax: (716) 773-8517

Laboratory Analysis Report

Project: Liquid & Soil Samples for Analysis

Phase:

Sample Date: 8/28/2006

☑ Check indicates Time Sampled was NOT provided

Report Date: Wednesday, August 30, 2006

Report ID: NY608150.0.3714

PO# / Release#: 8400 /

Reference #:

Report Status: **Final**

performed at the request of: David Weaver
Pinto Construction

1 Babcock Street
Buffalo, NY 14210

The enclosed sample results table(s) are for 2 sample(s) received by IsleChem LLC on 8/29/2006 submitted by Pinto Contstruction

* Note: The liquid sample (Basement Northside) was unable to be analyzed as received. The aqueous material was separated from the non-aqueous portion and analyzed for oil & grease instead of total petroleum hydrocarbons as requested.

Authorized Signature:

[✓] Richard V. Finn, Manager of Chemical Testing
[ ] Martin Ruszaj, Director of Chemical Testing

Laboratory Personnel Legend:

SJB	Stanley Biernat
FB	Fred Bozek
MF	Mary Ferguson
RVF	Richard (Dick) V. Finn
EF	Eric Fischer
VJH	Vivian Hoffman
MR	Martin S. Ruszaj
RS	Ron Stacy

Sample Results

Sample ID: 1 Client: Pinto Construction

Lab ID / Vessel 19864 / 110235 Report ID: NY608150.0.3714

Location: Outside Building North of Overhead Door / Field Grab - Soil Sampled: 8/28/2006

Parameters / Method	Analyte	Sample Results	Units	Analyst Date
Polychlorinated Biphenyl's				
Polychlorinate Biphenyls (PCB's) / SW 846 8082	Aroclor - 1016	<10	ug/kg	FB 8/30/2006
	Aroclor - 1221	<10	ug/kg	FB 8/30/2006
	Aroclor - 1232	<10	ug/kg	FB 8/30/2006
	Aroclor - 1242	<10	ug/kg	FB 8/30/2006
	Aroclor - 1248	<10	ug/kg	FB 8/30/2006
	Aroclor - 1254	<10	ugkg	FB 8/30/2006
	Aroclor - 1260	<10	ug/kg	FB 8/30/2006
Semivolatile Organic Compounds				
Total Petroleum Hydrocarbons (TPH) / SW 846 8015B	Total Petroleum Hydrocarbons	44.4	mg/kg	MSR 8/30/2006

end of sample 19864

Sample Results

Sample ID: 2 Client: Pinto Construction

Lab ID / Vessel 19865 / 110236 Report ID: NY608150.0.3714

Location: Basement North Side Sub-Level / Field Grab - Water Sampled: 8/28/2006

Parameters / Method	Analyte	Sample Results	Units	Analyst Date
Oil and Grease		** Only 50 mls was extracted. This volume was less than the method suggests*		
Oil & Grease / EPA 1664A	Oil & Grease	* <100	mg/L	RS 8/30/2006
Polychlorinated Biphenyl's				
Polychlorinate Biphenyls (PCB's) / EPA 608	Aroclor - 1016	<0.8	ug/L	FB 8/30/2006
	Aroclor - 1221	<0.8	ug/L	FB 8/30/2006
	Aroclor - 1232	<0.8	ug/L	FB 8/30/2006
	Aroclor - 1242	3.03	ug/L	FB 8/30/2006
	Aroclor - 1248	<0.8	ug/L	FB 8/30/2006
	Aroclor - 1254	<0.8	ug/L	FB 8/30/2006
	Aroclor - 1260	<0.8	ug/L	FB 8/30/2006

end of sample 19865

11/03/2006 12:13 7167738517
08/28/2006 13:29 7167738517 PAGE 04 08

Organization Name: Pinto Construction	Project Name: Specon Metals
Street Address: 1 Babcock Street	Client PO / Release #: 8400
City, State, ZIP: Buffalo, NY, 14210	Date Sampled:
Contact Person: David Weaver	
Phone# and Fax#: 870-7220	

# of Samples / # of Bottles:

Turnaround / Date Results Needed: NY 608150 3714

IsleChem Project #:

QC reporting level requested: Std Full

Are RUSH charges authorized? Yes No

Sample Type

Sample ID	Sample Location	Matrix	Comp	Grab	PCBs	TPH										
110235	OUTSIDE Building North of overhang door	Soil		X	X	X										24 Hour
110236	Basement North side Sub-level	Liquid		X	X	X										

Sampled By	Date	Time	Relinquished by	Date	Time	Received by	Date	Time
[signature]	8/28/06							
[signature]	8/28/06					Marylou McEvoy	8-29-06	8:15 am

IsleChem, LLC
2801 Long Road
Grand Island, NY 14072
716-773-8614
Fax 716-773-8517

By relinquishing these sample to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Chain of Custody

Laboratory Analysis Result Table

Client:	David Weaver Pinto Construction 1 Babcock Street Buffalo, NY 14210	Project:	Soil Samples for Analysis Dunkirk
Report Date:	Tuesday, September 19, 2006	Phase:	
Report ID:	**NY609046.0.3888**	Batch:	—
PO# / Release#	/		
Reference #:			
Sample Date:	**Tuesday, September 12, 2006**	Authorized Signature:	
Sample Time:	**1:45 PM**		☑ Richard V. Finn, Manager of Chemical Testing
Report Status:	**Final**		☐ Martin Ruszaj, Director of Chemical Testing

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte	Results	RPD	RPD Limit	%	% Limits	Analyst Date

The following result table is for 1 samples received by IsleChem LLC on 09/13/2006 submitted by Pinto Construction
Also enclosed is the paperwork submitted with the samples.

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New York 14072
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Fax: (716) 773-8517

NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609046.0.3888
Report Status: Final

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte		Results	RPD	RPD Limit	%	% Limits	Analyst Date
1	21083 / 110835	Sub Floor 2000T Intermediate Floor / Field Grab - Soil							
Polychlorinate Biphenyls (PCB's)									
SW 846 8082		Aroclor - 1016	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1221	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1232	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1242	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1248	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1254	<	0.010 mg/kg					FB 9/14/2006
		Aroclor - 1260	<	0.010 mg/kg					FB 9/14/2006

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte	Results	RPD	RPD Limit	%	% Limits	Analyst Date
Semivolatiles - Stars								
SW 846 8270		Acenaphthene	< 125.000 ug/kg					RS 9/18/2006
		Acenaphthylene	< 125.000 ug/kg					RS 9/18/2006
		Anthracene	< 125.000 ug/kg					RS 9/18/2006
		Benzo(a)anthracene	< 125.000 ug/kg					RS 9/18/2006
		Benzo(a)pyrene	< 125.000 ug/kg					RS 9/18/2006
		Benzo(b)fluoranthene	< 125.000 ug/kg					RS 9/18/2006
		Benzo(g,h,i)perylene	< 125.000 ug/kg					RS 9/18/2006
		Benzo(k)fluoranthene	< 125.000 ug/kg					RS 9/18/2006
		Chrysene	< 125.000 ug/kg					RS 9/18/2006
		Dibenzo(a,h)anthracene	< 125.000 ug/kg					RS 9/18/2006
		Fluoranthene	< 125.000 ug/kg					RS 9/18/2006
		Fluorene	< 125.000 ug/kg					RS 9/18/2006

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte		Results	RPD	RPD Limit	%	% Limits	Analyst Date
SW 846 8270		Indeno(1,2,3-cd)pyrene	<	125.000 ug/kg					RS 9/18/2006
		Naphthalene	<	125.000 ug/kg					RS 9/18/2006
		Phenanthrene	<	125.000 ug/kg					RS 9/18/2006
		Pyrene	<	125.000 ug/kg					RS 9/18/2006

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NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609046.0.3888
Report Status: Final

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte		Results	RPD	RPD Limit	%	% Limits	Analyst Date
Volatiles - Stars List (8021)									
SW 846 8260		1,2,4-Trimethylbenzene	<	50.000 ug/kg					RS 9/14/2006
		1,3,5-Trimethylbenzene	<	50.000 ug/kg					RS 9/14/2006
		Benzene	<	50.000 ug/kg					RS 9/14/2006
		Ethylbenzene	<	50.000 ug/kg					RS 9/14/2006
		Isopropylbenzene	<	50.000 ug/kg					RS 9/14/2006
		m,p-Xylene	<	50.000 ug/kg					RS 9/14/2006
		Methyl-tert-butyl-ether (MTBE)	<	50.000 ug/kg					RS 9/14/2006
		Naphthalene	<	50.000 ug/kg					RS 9/14/2006
		n-Butylbenzene	<	50.000 ug/kg					RS 9/14/2006
		n-Propylbenzene	<	50.000 ug/kg					RS 9/14/2006
		o-Xylene	<	50.000 ug/kg					RS 9/14/2006
		p-Isopropyltoluene	<	50.000 ug/kg					RS 9/14/2006

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Fax: (716) 773-8517

NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609046.0.3888
Report Status: Final

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte		Results	RPD	RPD Limit	%	% Limits	Analyst Date
SW 846 8260		sec-Butylbenzene	<	**50.000 ug/kg**					RS 9/14/2006
		tert-Butylbenzene	<	**50.000 ug/kg**					RS 9/14/2006
		Toluene	<	**50.000 ug/kg**					RS 9/14/2006

end of sample 21083

General Disclaimer

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The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

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NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609046.0.3888
Report Status: Final

Organization Name: PINTO / SPECIAL METALS

Project Name:

# of Samples / # of Bottles: 1 / 1

Street Address: Dunkirk

Client PO / Release #:

Turnaround Date Results Needed: 9/13/06

City, State, ZIP:

Date Sampled:

IsleChem Project #: NY609046 3888

Contact Person: Dave Coleman

Phone # and Fax: Fax 716 366 7436 ph: 520-7220

QC reporting level requested: Std Full

Are RUSH charges authorized? Yes No

Sample ID	Sample Location	Matrix	Comp	Grab	PCB's	VOC	SVOC	STARS						Bottle Type
110835	SUB FLOOR 2000T INTERMEDIATE FLOOR	SOIL		X	X	X	X	X						PL

* Client was called regarding inappropriate container. Approved going ahead with analysis. DS 9/13/06

Sampled By	Date	Time	Received by	Date	Time
Bob Ciofani	9/12/06	1:45			

Relinquished by	Date	Time	Received by lab	Date	Time
			Marylou McGhay	9-13-06	9:50am

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Fax 716-773-8517

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Chain of Custody

Laboratory Analysis Result Table

Client: David Weaver
Pinto Construction

1 Babcock Street
Buffalo, NY 14210

Report Date: Monday, September 18, 2006
Report ID: **NY609047.0.3889**
PO# / Release# /
Reference #:
Sample Date: **Wednesday, September 13, 2006**
Sample Time: **8:00 AM**
Report Status: **Final**

Project: **Oil Sample for Analysis**

Dunkirk

Phase:
Batch: –

Authorized Signature:

☑ Richard V. Finn, Manager of Chemical Testing
☐ Martin Ruszaj, Director of Chemical Testing

Sample ID / Analyte Group / Method	Lab ID / Vessel	Location / Description / Analyte	Results	Analyst / Date
The following result table is for 1 samples received by IsleChem LLC on 09/13/2006 submitted by Pinto Construction				
Also enclosed is the paperwork submitted with the samples.				
1	21084 / 110836, 110837	Dunkirk - Oil / Field Grab - Oil		
Polychlorinate Biphenyls (PCB's)				
Modified SW 846 8082		Aroclor - 1016	<0.5 mg/kg	FB 9/14/2006
		Aroclor - 1221	<0.5 mg/kg	FB 9/14/2006
		Aroclor - 1232	<0.5 mg/kg	FB 9/14/2006
		Aroclor - 1242	3.9 mg/kg	FB 9/14/2006
		Aroclor - 1248	<0.5 mg/kg	FB 9/14/2006
		Aroclor - 1254	<0.5 mg/kg	FB 9/14/2006
		Aroclor - 1260	<0.5 mg/kg	FB 9/14/2006

end of sample 21084

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NYS DOH ELAP ID# 11862

Sample ID	Lab ID / Vessel	Location / Description		Analyst
Analyte Group / Method		Analyte	Results	Date

General Comments:

IsleChem, LLC
2801 Long Road
Grand Island
New York 14072
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NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609047.0.3889
Report Status: Final

Sample ID	Lab ID / Vessel	Location / Description		Analyst
Analyte Group / Method		Analyte	Results	Date

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NYS DOH ELAP ID# 11862

Client: Pinto Construction
Project: NY609047.0.3889
Report Status: Final

IsleChem, LLC
Grand Island, NY

Analytical Services

TO: David Weaver – Pinto Construction **DATE:** September 15, 2006

FROM: V. Hoffman

COPIES:

SUBJECT: Characterization of Dunkirk Oil Sample

SAMPLES: NY 609047

SUMMARY:

An oil sample from Pinto Construction was examined by Fourier Transform Infrared (FT-IR) spectroscopy.

The resulting spectrum can be found in Figure 1. Included is a library match spectrum of an aliphatic hydrocarbon based oil. The sample spectrum compares favorable with this type of oil.

EXPERIMENTAL:

FT-IR Conditions

Spectrometer: Nicolet 510PO, 64 spectral signal averages, 8-cm^{-1} resolution using a scan range of 4000 – 650 cm^{-1}

Stage: Residue was deposited on a KBr salt plate.

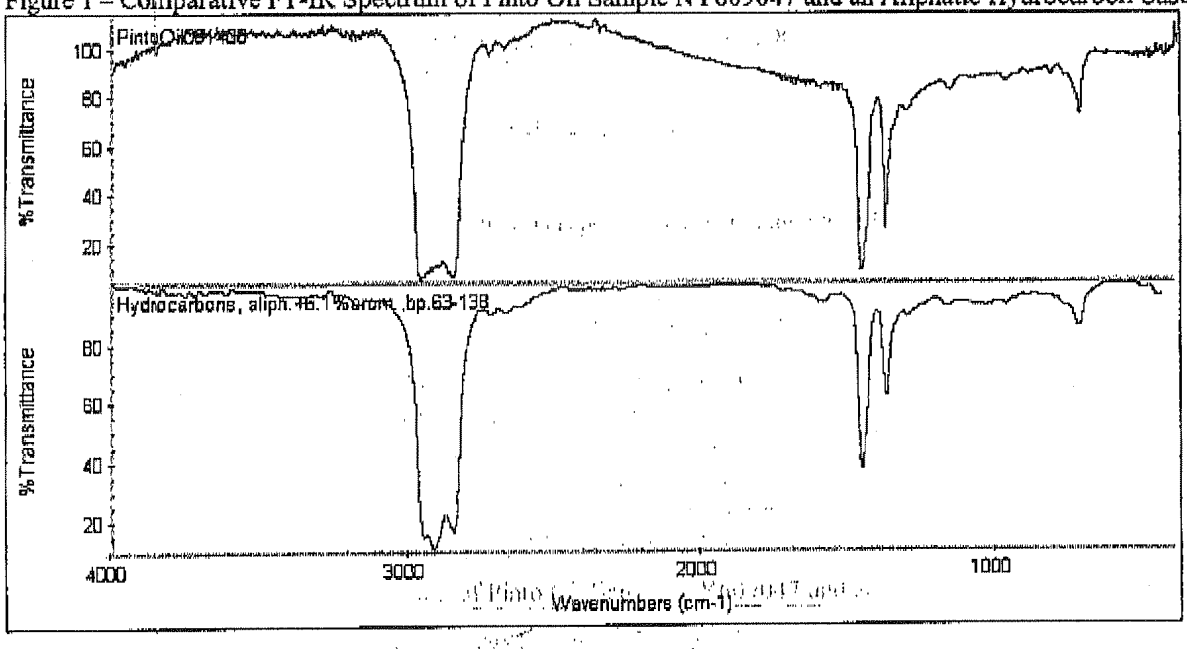
If you have any questions concerning this report, I can be reached at (716) 773-8535.

Vivian J. Hoffman
Analytical Chemist
IsleChem - Analytical Services

IsleChem, LLC
2801 Long Road
Grand Island, NY 14072

(716) 773-8100
(800) 699-8606
www.IsleChem.com

Figure 1 – Comparative FT-IR Spectrum of Pinto Oil Sample NY609047 and an Aliphatic Hydrocarbon base oil



IsleChem, LLC
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Grand Island, NY 14072

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(800) 699-8606
www:IsleChem.com

Pinto Construction	Dicesare & Pinto Heavy Const. Corp	1/2
Organization Name	Project Name	# of Samples / # of Bottles
Special Marines		
Street Address	Client PO / Release #	Turnaround / Date Results Needed
Dunkirk		NY6090047 3889
City, State, ZIP	Date Sampled	IsleChem Project #
David Weaver	QC reporting level requested: Std Full	Are RUSH charges authorized? Yes No
Contact Person		
Fax 366-		
Phone# and Fax#	Matrix / Comp / Grab	Bottle Type

Sample ID	Sample Location	Matrix	Comp	Grab	PCBs	Fuel Present
110836	~~[illegible]~~ OIL			X	X	
110837	~~[illegible]~~ OIL			X		X

Sampled By	Date	Time	Received by	Date	Time
[signature]	9/13	800 AM	[signature]	9/13/06	11:20 am
Relinquished by	**Date**	**Time**	**Received by lab**	**Date**	**Time**
[signature]	9/13	11:20 AM			

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Grand Island, NY 14072
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Chain of Custody

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APPENDIX B-4

STL – Buffalo Analytical Reports

Samples

North Wall
Oil from Spill 1
Excavation Adj. South Overhead Door Footer
Tank Excavation Bottom 4 ft above Rock
Baker Tank Water
SW Corner of Ex 17 ft
Suspected Contaminated Soil Pile (SCP-1 to SCP-7 and SCP Comp1 &SCP Comp2)
Exc Wall 11-12/15-16
Center 4ft Deep Excavation

ANALYTICAL REPORT

Job#: A06-9705

STL Project#: NY5A9520
Site Name: Environmental Testing
Task: Special Metals PCB Testing

Mr. Robert Difondi
Special Metals Corporation
100 Willowbrook Ave.
Dunkirk, NY 14048

STL Buffalo

Paul K. Morrow
Project Manager

08/28/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6970501	NORTH WALL	SOTHER	08/24/2006	13:00	08/24/2006	15:19
A6970502	OIL FROM SPILL 1	OIL	08/24/2006	13:30	08/24/2006	15:19

METHODS SUMMARY

Job#: A06-9705

STL Project#: NY5A9520
Site Name: Environmental Testing

PARAMETER	ANALYTICAL METHOD
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082(OIL)

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-9705

STL Project#: NY5A9520
Site Name: Environmental Testing

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-9705
Sample Cooler(s) were received at the following temperature(s); AMBIENT °C
All samples were received in good condition.

GC Extractable Data

For method 8082, the recovery of surrogate Decachlorobiphenyl in sample OIL FROM SPILL 1 is outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits; no corrective action is required.

****

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

* Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample ID: NORTH WALL
Lab Sample ID: A6970501
Date Collected: 08/24/2006
Time Collected: 13:00

Date Received: 08/24/2006
Project No: NY5A9520
Client No: 367970
Site No:

Parameter	Result	Flg	MDL	Detection Limit	Units	Method	Date Analyzed	Int
MEDIUM LEVEL SOIL-SW8463 8082 - PCBS								
Aroclor 1016	ND		0.0033	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1221	ND		0.0070	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1232	ND		0.0031	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1242	ND		0.0029	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1248	ND		0.0040	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1254	ND		0.0087	0.27	MG/KG	8082	08/25/06	AJ
Aroclor 1260	ND		0.0066	0.27	MG/KG	8082	08/25/06	AJ

Sample ID: OIL FROM SPILL 1
Lab Sample ID: A6970502
Date Collected: 08/24/2006
Time Collected: 13:30

Date Received: 08/24/2006
Project No: NY5A9520
Client No: 367970
Site No:

Parameter	Result	Flg	MDL	Detection Limit	Units	Method	Date Analyzed	Int
METHOD 8082 - POLYCHLORINATED BIPHENYLS IN OI								
Aroclor 1016	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1221	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1232	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1242	6.6		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1248	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1254	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1260	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ

Chronology and QC Summary Package

Date: 08/28/2006
Time: 18:31:44

Environmental Testing
Special Metals PCB Testing
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1247

Client ID Job No Sample Date	Lab ID	Method Blank A06-9705	A6B2516903						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.25	NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.25	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	32-148	NA		NA		NA	
Decachlorobiphenyl	%	85	36-153	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 08/28/2006
Time: 18:31:44

Environmental Testing
Special Metals PCB Testing
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1247

Client ID Job No Lab ID Sample Date		Method Blank A06-9705 A6B2516803							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1221	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1232	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1242	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1248	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1254	MG/KG	ND	1.0	NA		NA		NA	
Aroclor 1260	MG/KG	ND	1.0	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	49-188	NA		NA		NA	
Decachlorobiphenyl	%	82	63-189	NA		NA		NA	

11/16

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: Method Blank Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A6B2516803 A6B2516801 A6B2516802

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS											
Aroclor 1260	MG/KG	7.35	8.20	10.0	10.0	74	82	78	10	50.0	51-179
Aroclor 1016	MG/KG	8.40	8.63	10.0	10.0	84	86	85	2	50.0	56-183

12/16

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank | Matrix Spike Blank | Matrix Spike Blk Dup
Lab Sample ID: A6B2516903 | A6B2516901 | A6B2516902

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS											
Aroclor 1260	MG/KG	2.04	2.17	2.29	2.41	89	90	90	1	50.0	41-139
Aroclor 1016	MG/KG	1.94	2.09	2.29	2.41	85	87	86	2	50.0	39-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	NORTH WALL A06-9705 A6970501	OIL FROM SPILL 1 A06-9705 A6970502			
Sample Date	08/24/2006 13:00				
Received Date	08/24/2006 15:19				
Extraction Date	08/24/2006 14:00				
Analysis Date	08/25/2006 09:49				
Extraction HT Met?	YES	NA			
Analytical HT Met?	YES				
Sample Matrix	SOTHER				
Dilution Factor	1.0				
Sample wt/vol	2.21 GRAMS				
% Dry	85.05				

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	NORTH WALL A06-9705 A6970501	OIL FROM SPILL 1 A06-9705 A6970502			
Sample Date		08/24/2006 13:30			
Received Date		08/24/2006 15:19			
Extraction Date		08/24/2006 14:00			
Analysis Date		08/25/2006 10:58			
Extraction HT Met?	NA	YES			
Analytical HT Met?		YES			
Sample Matrix		OIL			
Dilution Factor		1.0			
Sample wt/vol		0.52 GRAMS			
% Dry		100.00			

14/16

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-9705 A6B2516803	Method Blank A06-9705 A6B2516903			
Sample Date					
Received Date					
Extraction Date		08/24/2006 14:00			
Analysis Date		08/25/2006 09:35			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL MED			
Dilution Factor		1.0			
Sample wt/vol		2.03 GRAMS			
% Dry		100.00			

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-9705 A6B2516803	Method Blank A06-9705 A6B2516903			
Sample Date					
Received Date					
Extraction Date	08/24/2006 14:00				
Analysis Date	08/25/2006 10:45				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	OIL				
Dilution Factor	1.0				
Sample wt/vol	0.5 GRAMS				
% Dry	100.00				

15/16

NA = Not Applicable

Chain of Custody Record

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Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: SPECIAL METALS	Project Manager: Bob DiFondi	Date:	Chain of Custody Number: 296679
Address:	Telephone Number (Area Code)/Fax Number:	Lab Number:	Page 1 of 1
City: / State: / Zip Code:	Site Contact:	Lab Contact:	
Project Name and Location (State):	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Oil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): PCB	Special Instructions/ Conditions of Receipt
NORTH WALL	8/24	1:00				X	~~X~~							X	
OIL FROM SPILL #1	8/24	1:30					X							X	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Bobbi Fondi	8/24	3:19	1. Received By: [illegible]	8/24/00	15[illegible]
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

16/16

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STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-A102

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -
Task: Special Metals - Dunkirk, NY

Chris Boron
GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

STL Buffalo

Amy Lynn Haag
Project Manager

09/19/2006

STL Buffalo
Current Certifications

As of 9/12/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	CWA, RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6A10202	EX ADJ.SOUTH	GW	09/05/2006		09/05/2006	12:25
A6A10201	TANK EX BOTTOM	SOIL	09/01/2006		09/05/2006	12:25

METHODS SUMMARY

Job#: A06-A102

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - STARS LIST	SW8463 8260
METHOD 8260 - VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS	SW8463 8270
METHOD 8270 - STARS LIST	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-A102

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-A102
Sample Cooler(s) were received at the following temperature(s); 17.6 °C
Samples were received at a temperature of 17.6°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 09/19/2006
Time: 23:21:07

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Rept: AN1246

Client ID		EX ADJ.SOUTH							
Job No	Lab ID	A06-A102	A6A10202						
Sample Date		09/05/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	1	NA		NA		NA	
Ethylbenzene	UG/L	ND	1	NA		NA		NA	
Toluene	UG/L	0.8 J	1	NA		NA		NA	
o-Xylene	UG/L	0.5 J	1	NA		NA		NA	
m/p-Xylenes	UG/L	ND	2	NA		NA		NA	
Total Xylenes	UG/L	ND	3	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1	NA		NA		NA	
n-Propylbenzene	UG/L	ND	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	2	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	2	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	ND	1	NA		NA		NA	
==IS/SURROGATE(S)==									
Chlorobenzene-D5	%	85	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	86	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	79	50-200	NA		NA		NA	
Toluene-D8	%	100	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	107	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	106	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:07

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - VOLATILE ORGANICS

Rept: AN1246

Client ID		TANK EX BOTTOM							
Job No	Lab ID	A06-A102	A6A10201						
Sample Date		09/01/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	5.4	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5.4	NA		NA		NA	
Toluene	UG/KG	ND	5.4	NA		NA		NA	
o-Xylene	UG/KG	ND	5.4	NA		NA		NA	
m/p-Xylenes	UG/KG	ND	11	NA		NA		NA	
Total Xylenes	UG/KG	ND	16	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5.4	NA		NA		NA	
n-Propylbenzene	UG/KG	ND	5.4	NA		NA		NA	
p-Cymene	UG/KG	ND	5.4	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	5.4	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	5.4	NA		NA		NA	
n-Butylbenzene	UG/KG	ND	5.4	NA		NA		NA	
sec-Butylbenzene	UG/KG	ND	5.4	NA		NA		NA	
tert-Butylbenzene	UG/KG	ND	5.4	NA		NA		NA	
Naphthalene	UG/KG	ND	5.4	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5.4	NA		NA		NA	
==========IS/SURROGATE(S)==========									
Chlorobenzene-D5	%	97	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	100	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	92	50-200	NA		NA		NA	
Toluene-D8	%	113	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	110	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	128	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:16

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Rept: AN1246

Client ID		EX ADJ.SOUTH							
Job No	Lab ID	A06-A102	A6A10202						
Sample Date		09/05/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	20	NA		NA		NA	
Fluorene	UG/L	ND	20	NA		NA		NA	
Phenanthrene	UG/L	ND	20	NA		NA		NA	
Pyrene	UG/L	ND	20	NA		NA		NA	
Acenaphthene	UG/L	ND	20	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	20	NA		NA		NA	
Fluoranthene	UG/L	ND	20	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	20	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	20	NA		NA		NA	
Chrysene	UG/L	ND	20	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	20	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	20	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	20	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	20	NA		NA		NA	
Naphthalene	UG/L	ND	20	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	81	50-200	NA		NA		NA	
Naphthalene-D8	%	83	50-200	NA		NA		NA	
Acenaphthene-D10	%	84	50-200	NA		NA		NA	
Phenanthrene-D10	%	88	50-200	NA		NA		NA	
Chrysene-D12	%	94	50-200	NA		NA		NA	
Perylene-D12	%	89	50-200	NA		NA		NA	
Nitrobenzene-D5	%	86	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	83	44-120	NA		NA		NA	
p-Terphenyl-d14	%	59	23-143	NA		NA		NA	

9/29

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:16

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS LIST

Rept: AN1246

Client ID		TANK EX BOTTOM							
Job No	Lab ID	A06-A102	A6A10201						
Sample Date		09/01/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	360	NA		NA		NA	
Anthracene	UG/KG	ND	360	NA		NA		NA	
Benzo(a)anthracene	UG/KG	23 J	360	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	360	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	360	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	360	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	360	NA		NA		NA	
Chrysene	UG/KG	34 J	360	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	360	NA		NA		NA	
Fluoranthene	UG/KG	ND	360	NA		NA		NA	
Fluorene	UG/KG	ND	360	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	360	NA		NA		NA	
Phenanthrene	UG/KG	ND	360	NA		NA		NA	
Pyrene	UG/KG	ND	360	NA		NA		NA	
Naphthalene	UG/KG	ND	360	NA		NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	103	50-200	NA		NA		NA	
Naphthalene-D8	%	101	50-200	NA		NA		NA	
Acenaphthene-D10	%	95	50-200	NA		NA		NA	
Phenanthrene-D10	%	93	50-200	NA		NA		NA	
Chrysene-D12	%	98	50-200	NA		NA		NA	
Perylene-D12	%	112	50-200	NA		NA		NA	
Nitrobenzene-D5	%	86	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	88	45-120	NA		NA		NA	
p-Terphenyl-d14	%	92	54-135	NA		NA		NA	
Phenol-D5	%	84	40-120	NA		NA		NA	
2-Fluorophenol	%	66	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	108	46-129	NA		NA		NA	

10/29

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:21

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	EX ADJ.SOUTH A06-A102 09/05/2006	A6A10202						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1221	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1232	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1242	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1248	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1254	UG/L	ND	1.1	NA		NA		NA	
Aroclor 1260	UG/L	ND	1.1	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	40	36-132	NA		NA		NA	
Decachlorobiphenyl	%	34	28-132	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Date: 09/19/2006
Time: 23:21:30

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Rept: AN1246

Client ID		VBLK73							
Job No	Lab ID	A06-A102	A6B2581102						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	1	NA		NA		NA	
Ethylbenzene	UG/L	ND	1	NA		NA		NA	
Toluene	UG/L	ND	1	NA		NA		NA	
o-Xylene	UG/L	ND	1	NA		NA		NA	
m/p-Xylenes	UG/L	ND	2	NA		NA		NA	
Total Xylenes	UG/L	ND	3	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1	NA		NA		NA	
n-Propylbenzene	UG/L	ND	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	ND	1	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	96	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	98	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA	
Toluene-D8	%	104	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	104	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	107	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:30

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	VBLK92 A06-A102	A6B2590302						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	5.0	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
Toluene	UG/KG	ND	5.0	NA		NA		NA	
o-Xylene	UG/KG	ND	5.0	NA		NA		NA	
m/p-Xylenes	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5.0	NA		NA		NA	
n-Propylbenzene	UG/KG	ND	5.0	NA		NA		NA	
p-Cymene	UG/KG	ND	5.0	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
n-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
sec-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
tert-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
Naphthalene	UG/KG	ND	5.0	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5.0	NA		NA		NA	
==========IS/SURROGATE(S)==========									
Chlorobenzene-D5	%	103	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	103	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	100	50-200	NA		NA		NA	
Toluene-D8	%	111	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	114	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	129	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client ID		SBLK							
Job No	Lab ID	A06-A102	A6B2575003						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	80	50-200	NA		NA		NA	
Naphthalene-D8	%	82	50-200	NA		NA		NA	
Acenaphthene-D10	%	82	50-200	NA		NA		NA	
Phenanthrene-D10	%	83	50-200	NA		NA		NA	
Chrysene-D12	%	93	50-200	NA		NA		NA	
Perylene-D12	%	93	50-200	NA		NA		NA	
Nitrobenzene-D5	%	82	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	88	44-120	NA		NA		NA	
p-Terphenyl-d14	%	66	23-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/19/2006
Time: 23:21:39

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS LIST

Rept: AN1246

Client ID		SBLK							
Job No	Lab ID	A06-A102	A6B2594302						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	330	NA		NA		NA	
Anthracene	UG/KG	ND	330	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	330	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	330	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	330	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	330	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	330	NA		NA		NA	
Chrysene	UG/KG	ND	330	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	330	NA		NA		NA	
Fluoranthene	UG/KG	ND	330	NA		NA		NA	
Fluorene	UG/KG	ND	330	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	330	NA		NA		NA	
Phenanthrene	UG/KG	ND	330	NA		NA		NA	
Pyrene	UG/KG	ND	330	NA		NA		NA	
Naphthalene	UG/KG	ND	330	NA		NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	64	50-200	NA		NA		NA	
Naphthalene-D8	%	64	50-200	NA		NA		NA	
Acenaphthene-D10	%	63	50-200	NA		NA		NA	
Phenanthrene-D10	%	63	50-200	NA		NA		NA	
Chrysene-D12	%	65	50-200	NA		NA		NA	
Perylene-D12	%	68	50-200	NA		NA		NA	
Nitrobenzene-D5	%	90	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	88	45-120	NA		NA		NA	
p-Terphenyl-d14	%	97	54-135	NA		NA		NA	
Phenol-D5	%	88	40-120	NA		NA		NA	
2-Fluorophenol	%	72	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	97	46-129	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/19/2006
Time: 23:21:42

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A102	A6B2574803						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	70	36-132	NA		NA		NA	
Decachlorobiphenyl	%	59	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: VBLK73 MSB73
Lab Sample ID: A6B2581102 A6B2581101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - STARS LIST					
Benzene	UG/L	26.7	25.0	107	71-124
n-Butylbenzene	UG/L	26.9	25.0	108	71-128
sec-Butylbenzene	UG/L	26.4	25.0	106	74-127
tert-Butylbenzene	UG/L	26.1	25.0	104	75-123
Ethylbenzene	UG/L	26.1	25.0	104	77-123
Isopropylbenzene	UG/L	26.0	25.0	104	77-122
p-Cymene	UG/L	26.3	25.0	106	73-120
Naphthalene	UG/L	24.4	25.0	98	54-140
n-Propylbenzene	UG/L	26.2	25.0	105	77-119
Toluene	UG/L	25.9	25.0	104	70-122
1,2,4-Trimethylbenzene	UG/L	26.0	25.0	104	76-121
1,3,5-Trimethylbenzene	UG/L	26.3	25.0	105	77-121
Total Xylenes	UG/L	78.1	75.0	104	76-122
o-Xylene	UG/L	25.9	25.0	104	76-122
m/p-Xylenes	UG/L	52.1	50.0	104	76-122

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK92 MSB92
Lab Sample ID: A6B2590302 A6B2590301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - VOLATILE ORGANICS					
Benzene	UG/KG	47.0	50.0	94	79-127
n-Butylbenzene	UG/KG	52.1	50.0	104	70-120
sec-Butylbenzene	UG/KG	55.9	50.0	112	74-118
tert-Butylbenzene	UG/KG	54.0	50.0	108	73-120
Ethylbenzene	UG/KG	53.2	50.0	106	80-117
Isopropylbenzene	UG/KG	49.2	50.0	98	72-119
p-Cymene	UG/KG	53.4	50.0	107	74-114
Naphthalene	UG/KG	49.7	50.0	99	38-137
n-Propylbenzene	UG/KG	53.4	50.0	107	70-130
Toluene	UG/KG	45.2	50.0	90	74-128
1,2,4-Trimethylbenzene	UG/KG	55.6	50.0	111	74-117
1,3,5-Trimethylbenzene	UG/KG	54.6	50.0	109	74-118
Total Xylenes	UG/KG	156	150	104	81-118
Methyl-t-Butyl Ether (MTBE)	UG/KG	55.1	50.0	110	63-125
o-Xylene	UG/KG	52.7	50.0	105	70-130
m/p-Xylenes	UG/KG	104	100	104	70-130

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A6B2575003 A6B2575001 A6B2575002

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8270 - STARS BASE NEUTRAL COMPOUN											
Acenaphthene	UG/L	76.7	88.7	100	100	77	89	83	14	23.0	57-120
Pyrene	UG/L	73.9	82.0	100	100	74	82	78	10	25.0	58-136

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A6B2594302 A6B2594301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8270 - STARS LIST					
Acenaphthene	UG/KG	2625	3246	81	48-120
Pyrene	UG/KG	2897	3246	89	41-138

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank — Matrix Spike Blank — Matrix Spike Blk Dup
Lab Sample ID: A6B2574803 — A6B2574801 — A6B2574802

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS											
Aroclor 1260	UG/L	3.15	3.31	5.00	5.00	63	66	65	5	50.0	50-122
Aroclor 1016	UG/L	3.78	3.92	5.00	5.00	76	78	77	2	50.0	29-123

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	EX ADJ.SOUTH A06-A102 A6A10202	TANK EX BOTTOM A06-A102 A6A10201			
Sample Date	09/05/2006				
Received Date	09/05/2006 12:25				
Extraction Date					
Analysis Date	09/06/2006 11:38				
Extraction HT Met?	-	NA			
Analytical HT Met?	YES				
Sample Matrix	GW				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

METHOD 8260 - VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	EX ADJ.SOUTH A06-A102 A6A10202	TANK EX BOTTOM A06-A102 A6A10201			
Sample Date		09/01/2006			
Received Date		09/05/2006 12:25			
Extraction Date					
Analysis Date		09/07/2006 12:58			
Extraction HT Met?	NA	-			
Analytical HT Met?		YES			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		5.02 GRAMS			
% Dry		91.98			

23/29

NA = Not Applicable

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	VBLK73 A06-A102 A6B2581102	VBLK92 A06-A102 A6B2590302			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	09/06/2006 11:08				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

METHOD 8260 - VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK73 A06-A102 A6B2581102	VBLK92 A06-A102 A6B2590302			
Sample Date					
Received Date					
Extraction Date					
Analysis Date		09/07/2006 11:45			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		5.0 GRAMS			
% Dry		100.00			

NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	EX ADJ.SOUTH A06-A102 A6A10202	TANK EX BOTTOM A06-A102 A6A10201			
Sample Date	09/05/2006				
Received Date	09/05/2006 12:25				
Extraction Date	09/05/2006 14:30				
Analysis Date	09/07/2006 11:22				
Extraction HT Met?	YES	NA			
Analytical HT Met?	YES				
Sample Matrix	GW				
Dilution Factor	1.0				
Sample wt/vol	0.5 LITERS				
% Dry					

METHOD 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	EX ADJ.SOUTH A06-A102 A6A10202	TANK EX BOTTOM A06-A102 A6A10201			
Sample Date		09/01/2006			
Received Date		09/05/2006 12:25			
Extraction Date		09/11/2006 07:00			
Analysis Date		09/13/2006 16:19			
Extraction HT Met?	NA	YES			
Analytical HT Met?		YES			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.23 GRAMS			
% Dry		91.98			

NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	SBLK A06-A102 A6B2575003	SBLK A06-A102 A6B2594302			
Sample Date					
Received Date					
Extraction Date	09/05/2006 14:30				
Analysis Date	09/06/2006 19:02				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

METHOD 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	SBLK A06-A102 A6B2575003	SBLK A06-A102 A6B2594302			
Sample Date					
Received Date					
Extraction Date		09/11/2006 07:00			
Analysis Date		09/12/2006 22:52			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.24 GRAMS			
% Dry		100.00			

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	EX ADJ.SOUTH A06-A102 A6A10202				
Sample Date	09/05/2006				
Received Date	09/05/2006 12:25				
Extraction Date	09/05/2006 14:30				
Analysis Date	09/06/2006 17:10				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	GW				
Dilution Factor	1.0				
Sample wt/vol	0.45 LITERS				
% Dry					

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-A102 A6B2574803				
Sample Date					
Received Date					
Extraction Date	09/05/2006 14:30				
Analysis Date	09/06/2006 16:56				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

28/29

NA = Not Applicable

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Lab Returns to Proj. Mgr. GOLDENROD COPY - Proj. Mgr. Keeps

CHAIN-OF-CUSTODY RECORD

W.O. #_____ (for lab use only)

Sample I.D.	Date/Time Sampled (Very important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	WW ONLY: 624	☐ 601 ☐ 602	625	ANALYSIS REQUIRED: ☐ 524.2 ☐ 502.1	8260 STARS	8260 - "8240" List	8021	8021 - "8010" List	8021 - "8020" List STARS	8270 ~~List Semi-Volatile~~	8081 Pest Only	TPH-GC (Mod 8100)	ETPH (CT)	Metals ☐ PPM-13 ☐ R-8	Metals (List Below)	PCBs									Total # of Cont.	Note #
Tank Ex Bottom 4 ft above Rock	9/1/06	S					X					X															1	1
Ex Adj. South Overhead Door Footer	9/5/06	GW					X					X						X									7	2

PRESERVATIVE (Cl - HCl, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Baron	9/5/06 1225	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	1225 9/5/06	D
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Preservatives, special reporting limits, known contamination, etc.

No Preservatives 17.6°C

① 3 day TAT Same day

② 24 hr TAT Ice

PROJECT MANAGER: C. Baron EXT: 3309

TURNAROUND TIME: Standard Rush ___ Days, Approved by _____ LAB USE TEMP. OF COOLER _____ °C

GZA GEOENVIRONMENTAL, INC.

~~LABORATORY~~

~~100 South St~~ 364 Nagel Drive

~~Hopkinton, MA 01748~~ Buffalo NY

~~(508) 435-9244~~

~~FAX (508) 435-9842~~ 716-685-2300

(fax) 716-685-3629

GZA FILE NO: 21.0056196.1 P.O. NO. _____

PROJECT Special Metals

LOCATION Dunkirk, NY

COLLECTOR(S) CZB/DW SHEET 1 OF 1

GZAP-032

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-A254

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -
Task: Special Metals - Dunkirk, NY

Chris Boron
GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

STL Buffalo

Amy Lynn Haag
Project Manager

09/12/2006

STL Buffalo
Current Certifications

As of 9/12/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	CWA, RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6A25401	BAKER TANK WATER	WATER	09/07/2006	08:30	09/07/2006	14:15
A6A25402	SW CORNER OF EX 17FT	WATER	09/07/2006	09:00	09/07/2006	14:15

METHODS SUMMARY

Job#: A06-A254

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - STARS LIST	SW8463 8260
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Copper - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	MCAWW 335.2
Hexavalent Chromium - Total	SW8463 7196A
Oil & Grease	MCAWW 1664
pH	MCAWW 150.1
Total Organic Carbon	MCAWW 415.1
Total Recoverable Phenolics	MCAWW 420.2

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-A254

STL Project#: NY2A8898.3
Site Name: GZA Geo Environmentalof New York -

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-A254
Sample Cooler(s) were received at the following temperature(s); 8.0 °C
Poured off volumes for Hex Chrome, TOC for sample 01; preserved Phenols and HEM; consolidated received volumes for PCBS and SVOAS for sample 02.

Samples were received at a temperature of 8.0°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC/MS Volatile Data

Sample SW CORNER OF EX 17FT exhibited a pH >2 at the time of analysis. The analysis was performed within 7 days of sampling, therefore there is no impact on data usability.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

[1] Indicates coelution.

* Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 09/12/2006
Time: 17:34:32

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Rept: AN1246

Client ID		SW CORNER OF EX 17FT							
Job No	Lab ID	A06-A254	A6A25402						
Sample Date		09/07/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	1	NA		NA		NA	
Ethylbenzene	UG/L	ND	1	NA		NA		NA	
Toluene	UG/L	ND	1	NA		NA		NA	
o-Xylene	UG/L	ND	1	NA		NA		NA	
m/p-Xylenes	UG/L	ND	2	NA		NA		NA	
Total Xylenes	UG/L	ND	3	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1	NA		NA		NA	
n-Propylbenzene	UG/L	ND	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	1	1	NA		NA		NA	
==IS/SURROGATE(S)==									
Chlorobenzene-D5	%	97	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	104	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	82	50-200	NA		NA		NA	
Toluene-D8	%	116	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	98	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	109	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client ID Job No Lab ID Sample Date		SW CORNER OF EX 17FT A06-A254 A6A25402 09/07/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	95	50-200	NA		NA		NA	
Naphthalene-D8	%	99	50-200	NA		NA		NA	
Acenaphthene-D10	%	98	50-200	NA		NA		NA	
Phenanthrene-D10	%	95	50-200	NA		NA		NA	
Chrysene-D12	%	108	50-200	NA		NA		NA	
Perylene-D12	%	92	50-200	NA		NA		NA	
Nitrobenzene-D5	%	76	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	76	44-120	NA		NA		NA	
p-Terphenyl-d14	%	50	23-143	NA		NA		NA	
Phenol-D5	%	38	10-120	NA		NA		NA	
2-Fluorophenol	%	44	20-120	NA		NA		NA	
2,4,6-Tribromophenol	%	88	59-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/12/2006
Time: 17:34:45

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	BAKER TANK WATER A06-A254 09/07/2006	A6A25401	SW CORNER OF EX 17FT A06-A254 09/07/2006	A6A25402				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1221	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1232	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1242	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1248	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1254	UG/L	ND	0.50	ND	0.49	NA		NA	
Aroclor 1260	UG/L	ND	0.50	ND	0.49	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	78	36-132	68	36-132	NA		NA	
Decachlorobiphenyl	%	53	28-132	44	28-132	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/12/2006
Time: 17:34:48

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
GZA - TOTAL METALS

Rept: AN1246

Client ID		BAKER TANK WATER							
Job No	Lab ID	A06-A254	A6A25401						
Sample Date		09/07/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	0.24	0.0020	NA		NA		NA	
Cadmium - Total	MG/L	ND	0.0010	NA		NA		NA	
Chromium - Total	MG/L	0.0046	0.0040	NA		NA		NA	
Copper - Total	MG/L	ND	0.010	NA		NA		NA	
Lead - Total	MG/L	ND	0.0050	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Mercury - Total	MG/L	ND	0.00020	NA		NA		NA	
Nickel - Total	MG/L	ND	0.010	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	
Zinc - Total	MG/L	ND	0.010	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/12/2006
Time: 17:34:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
WET CHEMISTRY ANALYSIS

Rept: AN1246

Client ID		BAKER TANK WATER							
Job No	Lab ID	A06-A254	A6A25401						
Sample Date		09/07/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	MG/L	ND	0.010	NA		NA		NA	
Hexavalent Chromium - Total	MG/L	ND	0.010	NA		NA		NA	
Oil & Grease	MG/L	5.1	5.0	NA		NA		NA	
Total Organic Carbon	MG/L	6.4	1.0	NA		NA		NA	
Total Recoverable Phenolics	MG/L	ND	0.010	NA		NA		NA	
pH	S.U.	8.33	0.500	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Batch Quality Control Data

Date: 09/12/2006 17:34:26
Batch No: A6B25893

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A6A21502 A6A21502MS A6A21502SD

Analyte	Units of Measure	Concentration Sample	Matrix Spike	Spike Duplicate	Spike Amount MS	MSD	% Recovery MS	MSD	Avg	% RPD	QC LIMITS RPD	REC.
KY APP I T METALS + (18)												
6010 - TOTAL SILVER - RL= 0.050 MG/L	MG/L	0	0.0497	0.0486	0.0500	0.0500	99	97	98	2	20.0	75-125
TOTAL ANTIMONY	MG/L	0.00150	0.197	0.202	0.200	0.200	98	100	99	2	20.0	75-125
TOTAL ARSENIC	MG/L	0.00060	0.199	0.201	0.200	0.200	99	100	100	1	20.0	75-125
TOTAL BARIUM	MG/L	0.0639	0.253	0.255	0.200	0.200	95	96	96	1	20.0	75-125
TOTAL BERYLLIUM	MG/L	0.00040	0.198	0.202	0.200	0.200	99	101	100	2	20.0	75-125
TOTAL CADMIUM	MG/L	0	0.192	0.196	0.200	0.200	96	98	97	2	20.0	75-125
TOTAL CHROMIUM	MG/L	0.00030	0.196	0.200	0.200	0.200	98	100	99	2	20.0	75-125
TOTAL COBALT	MG/L	0	0.190	0.194	0.200	0.200	95	97	96	2	20.0	75-125
TOTAL COPPER	MG/L	0	0.194	0.197	0.200	0.200	97	99	98	2	20.0	75-125
TOTAL IRON	MG/L	0.433	10.18	10.35	10.0	10.0	97	99	98	2	20.0	75-125
TOTAL LEAD	MG/L	0.00070	0.196	0.199	0.200	0.200	98	99	99	1	20.0	75-125
TOTAL MERCURY	MG/L	0	0.00660	0.00647	0.00666	0.00666	99	97	98	2	20.0	80-120
TOTAL NICKEL	MG/L	0.00110	0.202	0.206	0.200	0.200	101	103	102	2	20.0	75-125
TOTAL SELENIUM	MG/L	0	0.195	0.203	0.200	0.200	98	102	100	4	20.0	75-125
TOTAL SODIUM	MG/L	36.05	45.84	46.33	10.0	10.0	98	103	101	5	20.0	75-125
TOTAL VANADIUM	MG/L	0.00080	0.218	0.223	0.200	0.200	109	111	110	2	20.0	75-125
TOTAL ZINC	MG/L	0.00230	0.197	0.201	0.200	0.200	98	100	99	2	20.0	75-125

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A6A06001 A6A06001MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	59.13	80.63	20.00	108	54-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A6A11205 A6A11205MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	0.572	19.93	20.00	97	54-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A6A17802 A6A17802MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9060 - TOTAL ORGANIC CARBON	MG/L	1.64	21.01	20.00	97	54-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A6A21401 A6A21401MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
TOC (WMI-PA ONLY)						
METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	65.68	86.25	20.00	103	54-131
METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	62.45	80.77	20.00	92	54-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A6A23404 A6A23404MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 420.2 - TOTAL RECOVERABLE PHENO	MG/L	0.00300	0.112	0.100	109	60-143

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/12/2006 17:34:26
Batch No: A6B25930

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A6A23605 A6A23605MS A6A23605SD

Analyte	Units of Measure	Concentration Sample	Matrix Spike	Spike Duplicate	Spike Amount MS	MSD	% Recovery MS	MSD	Avg	% RPD	QC LIMITS RPD	REC.
WET CHEMISTRY ANALYSIS												
METHOD 420.2 - TOTAL RECOVERABLE PHENO	MG/L	0.00100	0.0840	0.106	0.100	0.100	83	105	94	23 *	20.0	60-143

20/51

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Lab Sample ID: A6A25006 A6A25006MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	0.806	20.82	20.00	100	54-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A6A25401 A6A25401MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS HEXAVALENT CHROMIUM	MG/L	0	0.0490	0.0500	98	75-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A6A25501 A6A25501MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS						
9066 - TOTAL RECOVERABLE PHENOLICS - R	MG/L	0.00200	0.106	0.100	104	60-143
HEXAVALENT CHROMIUM	MG/L	0	0.0430	0.0500	86	75-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Chronology and QC Summary Package

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Client ID Job No Sample Date	Lab ID	VBLK33 A06-A254	A6B2593802						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	1	NA		NA		NA	
Ethylbenzene	UG/L	ND	1	NA		NA		NA	
Toluene	UG/L	ND	1	NA		NA		NA	
o-Xylene	UG/L	ND	1	NA		NA		NA	
m/p-Xylenes	UG/L	ND	2	NA		NA		NA	
Total Xylenes	UG/L	ND	3	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1	NA		NA		NA	
n-Propylbenzene	UG/L	ND	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	ND	1	NA		NA		NA	
==========IS/SURROGATE(S)==========									
Chlorobenzene-D5	%	98	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	106	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	85	50-200	NA		NA		NA	
Toluene-D8	%	111	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	99	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	113	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/12/2006
Time: 17:35:02

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Rept: AN1246

Client ID		SBLK							
Job No	Lab ID	A06-A254	A6B2591902						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	94	50-200	NA		NA		NA	
Naphthalene-D8	%	97	50-200	NA		NA		NA	
Acenaphthene-D10	%	97	50-200	NA		NA		NA	
Phenanthrene-D10	%	96	50-200	NA		NA		NA	
Chrysene-D12	%	116	50-200	NA		NA		NA	
Perylene-D12	%	97	50-200	NA		NA		NA	
Nitrobenzene-D5	%	78	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	77	44-120	NA		NA		NA	
p-Terphenyl-d14	%	72	23-143	NA		NA		NA	
Phenol-D5	%	36	10-120	NA		NA		NA	
2-Fluorophenol	%	44	20-120	NA		NA		NA	
2,4,6-Tribromophenol	%	83	59-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/12/2006
Time: 17:35:05

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A254	A6B2591802						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	82	36-132	NA		NA		NA	
Decachlorobiphenyl	%	76	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/12/2006
Time: 17:35:09

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
GZA - TOTAL METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A254	A6B2589302	Method Blank A06-A254	A6B2595202				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/L	ND	0.010	NA		NA		NA	
Barium - Total	MG/L	ND	0.0020	NA		NA		NA	
Cadmium - Total	MG/L	ND	0.0010	NA		NA		NA	
Chromium - Total	MG/L	ND	0.0040	NA		NA		NA	
Copper - Total	MG/L	ND	0.010	NA		NA		NA	
Lead - Total	MG/L	ND	0.0050	NA		NA		NA	
Selenium - Total	MG/L	ND	0.015	NA		NA		NA	
Mercury - Total	MG/L	NA		ND	0.00020	NA		NA	
Nickel - Total	MG/L	ND	0.010	NA		NA		NA	
Silver - Total	MG/L	ND	0.0030	NA		NA		NA	
Zinc - Total	MG/L	ND	0.010	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
WET CHEMISTRY ANALYSIS

Client ID Job No Sample Date	Lab ID	Method Blank A06-A254	A6B2589502	Method Blank A06-A254	A6B2592002	Method Blank A06-A254	A6B2593002	Method Blank A06-A254	A6B2593103
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexavalent Chromium - Total	MG/L	ND	0.010	NA		NA		NA	
Cyanide - Total	MG/L	NA		ND	0.010	NA		NA	
Total Recoverable Phenolics	MG/L	NA		NA		ND	0.010	NA	
Oil & Grease	MG/L	NA		NA		NA		ND	5.0

Client ID Job No Sample Date	Lab ID	Method Blank A06-A254	A6B2594602						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Total Organic Carbon	MG/L	ND	1.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK33 msb33
Lab Sample ID: A6B2593802 A6B2593801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - STARS LIST					
Benzene	UG/L	23.6	25.0	94	71-124
n-Butylbenzene	UG/L	22.0	25.0	88	71-128
sec-Butylbenzene	UG/L	24.4	25.0	98	74-127
tert-Butylbenzene	UG/L	22.7	25.0	91	75-123
Ethylbenzene	UG/L	22.6	25.0	90	77-123
Isopropylbenzene	UG/L	20.6	25.0	83	77-122
p-Cymene	UG/L	21.2	25.0	85	73-120
Naphthalene	UG/L	14.7	25.0	59	54-140
n-Propylbenzene	UG/L	22.2	25.0	89	77-119
Toluene	UG/L	20.4	25.0	82	70-122
1,2,4-Trimethylbenzene	UG/L	22.2	25.0	89	76-121
1,3,5-Trimethylbenzene	UG/L	22.4	25.0	90	77-121
Total Xylenes	UG/L	67.1	75.0	90	76-122
o-Xylene	UG/L	22.2	25.0	89	76-122
m/p-Xylenes	UG/L	44.8	50.0	90	76-122

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A6B2591902 A6B2591901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8270 - STARS BASE NEUTRAL COMPOUN					
Acenaphthene	UG/L	95.3	100	95	57-120
Pyrene	UG/L	132	100	132	58-136

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A6B2591802 A6B2591801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS					
Aroclor 1260	UG/L	3.99	5.00	80	50-122
Aroclor 1016	UG/L	4.64	5.00	93	29-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A6B2589302 A6B2589301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
GZA - TOTAL METALS					
TOTAL ARSENIC	MG/L	0.202	0.200	101	80-120
TOTAL BARIUM	MG/L	0.192	0.200	96	80-120
TOTAL CADMIUM	MG/L	0.200	0.200	100	80-120
TOTAL CHROMIUM	MG/L	0.202	0.200	101	80-120
TOTAL COPPER	MG/L	0.198	0.200	99	80-120
TOTAL LEAD	MG/L	0.202	0.200	100	80-120
TOTAL NICKEL	MG/L	0.208	0.200	104	80-120
TOTAL SELENIUM	MG/L	0.202	0.200	101	80-120
TOTAL SILVER	MG/L	0.0489	0.0500	98	80-120
TOTAL ZINC	MG/L	0.204	0.200	101	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2595202 A6B2595201

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
GZA - TOTAL METALS					
TOTAL MERCURY	MG/L	0.00352	0.00333	106	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: BAKER TANK WATER BAKER TANK WATER
Lab Sample ID: A6A25401 A6A25401MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS						
HEXAVALENT CHROMIUM	MG/L	0	0.0490	0.0500	98	75-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2589502 A6B2589501

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
HEXAVALENT CHROMIUM	MG/L	0.0480	0.0500	96	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2592002 A6B2592001

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 335.2 - TOTAL CYANIDE	MG/L	0.413	0.400	102	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2593002 A6B2593001

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 420.1 - TOTAL RECOVERABLE PHENO	MG/L	0.314	0.340	92	75-125

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A6B2593103 A6B2593102

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 1664 - N-HEXANE EXTRACTABLE MAT	MG/L	18.90	20.00	94	78-114

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2594602 A6B2594601

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	62.71	60.00	104	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

G Z A GEOENVIRONMENTAL OF NEW YORK
SAMPLE CHRONOLOGY

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	SW CORNER OF EX 17FT A06-A254 A6A25402				
Sample Date	09/07/2006 09:00				
Received Date	09/07/2006 14:15				
Extraction Date					
Analysis Date	09/08/2006 03:22				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	VBLK33 A06-A254 A6B2593802				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	09/07/2006 22:58				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	SW CORNER OF EX 17FT A06-A254 A6A25402				
Sample Date	09/07/2006 09:00				
Received Date	09/07/2006 14:15				
Extraction Date	09/08/2006 14:30				
Analysis Date	09/09/2006 16:49				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.005 LITERS				
% Dry					

NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID	SBLK				
Job No & Lab Sample ID	A06-A254 A6B2591902				
Sample Date					
Received Date					
Extraction Date	09/08/2006 14:30				
Analysis Date	09/09/2006 13:31				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BAKER TANK WATER A06-A254 A6A25401	SW CORNER OF EX 17FT A06-A254 A6A25402			
Sample Date	09/07/2006 08:30	09/07/2006 09:00			
Received Date	09/07/2006 14:15	09/07/2006 14:15			
Extraction Date	09/08/2006 14:30	09/08/2006 14:30			
Analysis Date	09/09/2006 16:04	09/09/2006 16:18			
Extraction HT Met?	YES	YES			
Analytical HT Met?	YES	YES			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.995 LITERS	1.015 LITERS			
% Dry					

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-A254 A6B2591802				
Sample Date					
Received Date					
Extraction Date	09/08/2006 14:30				
Analysis Date	09/09/2006 13:12				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

NA = Not Applicable

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A6A25401	BAKER TANK WATER	RECNY	Arsenic - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Barium - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Cadmium - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Chromium - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Copper - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Lead - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Selenium - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Mercury - Total	7470	1.0	0.03	L	09/07/06 08:30	09/07 14:15	NA		09/08 20:47	MM	Y	WATER
		RECNY	Nickel - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Silver - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER
		RECNY	Zinc - Total	6010	1.0	0.05	L	09/07/06 08:30	09/07 14:15	NA		09/08 17:43	AK	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A6B2589302	Method Blank	RECNY	Arsenic - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Barium - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Cadmium - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Chromium - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Copper - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Lead - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Selenium - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Nickel - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Silver - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
		RECNY	Zinc - Total	6010	1.0	0.05	L	-	-	NA		09/08 15:43	AK	Y	WATER
A6B2595202	Method Blank	RECNY	Mercury - Total	7470	1.0	0.03	L	-	-	NA		09/08 20:49	MM	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A6A25401	BAKER TANK WATER	RECNY	Hexavalent Chromium - Total	7196A	1.0		09/07/06 08:30	09/07 14:15	NA		09/07 19:40	RM	Y	WATER
		RECNY	Total Recoverable Phenolics	420.2	1.0		09/07/06 08:30	09/07 14:15	NA		09/09 10:18	RLG	Y	WATER
		RECNY	Oil & Grease	1664	1.0		09/07/06 08:30	09/07 14:15	NA		09/08 10:00	SS	Y	WATER
		RECNY	Total Organic Carbon	415.1	1.0		09/07/06 08:30	09/07 14:15	NA		09/08 07:25	SS	Y	WATER
		RECNY	Cyanide - Total	335.2	1.0		09/07/06 08:30	09/07 14:15	NA		09/08 11:20	LRM	Y	WATER
		RECNY	pH	150.1	1.0		09/07/06 08:30	09/07 14:15	NA		09/07 17:35	SM	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A6B2589502	Method Blank	RECNY	Hexavalent Chromium - Total	7196A	1.0	0.1 L	-	-	NA		09/07 19:40	RM	Y	WATER
A6B2592002	Method Blank	RECNY	Cyanide - Total	335.2	1.0		-	-	NA		09/08 11:20	LRM	Y	WATER
A6B2593002	Method Blank	RECNY	Total Recoverable Phenolics	420.2	1.0		-	-	NA		09/09 10:18	RLG	Y	WATER
A6B2593103	Method Blank	RECNY	Oil & Grease	1664	1.0		-	-	NA		09/08 10:00	SS	Y	WATER
A6B2594602	Method Blank	RECNY	Total Organic Carbon	415.1	1.0		-	-	NA		09/08 07:25	SS	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: GZA GeoEnvironmental	Project Manager: Chris Baron	Date: 9/7/06	Chain of Custody Number: 253576
Address: 564 Nagel Drive	Telephone Number (Area Code)/Fax Number: 716-685-2300 716-685-3629	Lab Number	Page 1 of 1
City: Buffalo; State: NY; Zip Code: 14225	Site Contact	Lab Contact: Amy Haag	
Project Name and Location (State): Special Metals, Dunkirk NY	Carrier/Waybill Number: Drop off		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC STARS	SVOC STARS	PCB	TOC	Phenols	Total Phenols	Oil + Grease	Metals (see list below)	Special Instructions/ Conditions of Receipt
Baker Tank Water	9/7/06	830		X			4		2		2				X	X	X	X	X	X	
SW Corner of Ex 17ft	9/7/06	900		X			6						X	X	X						

Metals to be tested:

Arsenic	Copper	Silver
Barium	Lead	Zinc
Cadmium	Mercury	Cyanide
Chromium (Total)	Nickel	
Chromium (Hexavalent)	Selenium	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Chris Baron	9/7/06	1415	1. Received By: [signature]	9/7/06	1415
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 8.0°C / Same Day

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-A602,A06-A603

STL Project#: NY2A8898.3
SDG#: 0906SS
Site Name: GZA Geo Environmentalof New York -
Task: Special Metals - Dunkirk, NY

Chris Boron
GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

STL Buffalo

Amy Lynn Haag
Project Manager

09/25/2006

STL Buffalo
Current Certifications

As of 9/12/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	CWA, RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6A60201	SLP-1	SOIL	09/14/2006		09/15/2006	11:25
A6A60301	SLP-1	SOIL	09/14/2006		09/15/2006	11:25
A6A60202	SLP-2	SOIL	09/14/2006		09/15/2006	11:25
A6A60302	SLP-2	SOIL	09/14/2006		09/15/2006	11:25
A6A60203	SLP-3	SOIL	09/14/2006		09/15/2006	11:25
A6A60303	SLP-3	SOIL	09/14/2006		09/15/2006	11:25
A6A60204	SLP-4	SOIL	09/14/2006		09/15/2006	11:25
A6A60304	SLP-4	SOIL	09/14/2006		09/15/2006	11:25
A6A60205	SLP-5	SOIL	09/14/2006		09/15/2006	11:25
A6A60305	SLP-5	SOIL	09/14/2006		09/15/2006	11:25
A6A60206	SLP-6	SOIL	09/14/2006		09/15/2006	11:25
A6A60306	SLP-6	SOIL	09/14/2006		09/15/2006	11:25
A6A60207	SLP-7	SOIL	09/14/2006		09/15/2006	11:25
A6A60307	SLP-7	SOIL	09/14/2006		09/15/2006	11:25
A6A60208	SLP-COMP1	SOIL	09/14/2006		09/15/2006	11:25
A6A60308	SLP-COMP1	SOIL	09/14/2006		09/15/2006	11:25
A6A60209	SLP-COMP2	SOIL	09/14/2006		09/15/2006	11:25
A6A60309	SLP-COMP2	SOIL	09/14/2006		09/15/2006	11:25

METHODS SUMMARY

Job#: A06-A602,A06-A603

STL Project#: NY2A8898.3
SDG#: 0906SS
Site Name: GZA Geo Environmentalof New York -

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL BASE NEUTRAL COMPOUNDS	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-A602,A06-A603

STL Project#: NY2A8898.3
SDG#: 0906SS
Site Name: GZA Geo Environmentalof New York -

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-A602
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.
A06-A603
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte trichlorofluoromethane was detected in the Method Blank at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte methylene chloride was detected in the Method Blank at a level above the project established reporting limit. Samples had levels of methylene chloride less than ten times that of the Method Blank value. All sample detections for methylene chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

GC/MS Semivolatile Data

Semivolatile Organics were subcontracted to STL North Canton. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Semivolatile Organics may be found within the comment summary of the subcontract report.

GC Extractable Data

For method 8082, the recoveries for sample SLP-2 Matrix Spike and the Matrix Spike duplicate are outside quality control limits for Aroclor 1016, though the Matrix Spike Blank recoveries are compliant, no action necessary.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Dilution Log w/Code Information
For Project NY2A8898.3, SDG 0906SS

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
SLP-1	A6A60201	8082	4.00	008
SLP-6	A6A60206	8082	4.00	008
SLP-7	A6A60207	8082	5.00	008
SLP-COMP1	A6A60208	8082	4.00	008
SLP-COMP2	A6A60209	8082	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	SLP-1 A06-A602 09/14/2006	A6A60201	SLP-2 A06-A602 09/14/2006	A6A60202	SLP-3 A06-A602 09/14/2006	A6A60203	SLP-4 A06-A602 09/14/2006	A6A60204
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	27	ND	28	ND	29	ND	28
Benzene	UG/KG	ND	5	ND	6	ND	6	ND	6
Bromodichloromethane	UG/KG	ND	5	ND	6	ND	6	ND	6
Bromoform	UG/KG	ND	5	ND	6	ND	6	ND	6
Bromomethane	UG/KG	ND	5	ND	6	ND	6	ND	6
2-Butanone	UG/KG	ND	27	ND	28	ND	29	ND	28
Carbon Disulfide	UG/KG	ND	5	ND	6	ND	6	ND	6
Carbon Tetrachloride	UG/KG	ND	5	ND	6	ND	6	ND	6
Chlorobenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
Chloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6
Chloroform	UG/KG	ND	5	ND	6	ND	6	ND	6
Chloromethane	UG/KG	ND	5	ND	6	ND	6	ND	6
Cyclohexane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2-Dibromoethane	UG/KG	ND	5	ND	6	ND	6	ND	6
Dibromochloromethane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,3-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,4-Dichlorobenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
Dichlorodifluoromethane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,1-Dichloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2-Dichloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,1-Dichloroethene	UG/KG	ND	5	ND	6	ND	6	ND	6
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	6	ND	6	ND	6
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2-Dichloropropane	UG/KG	ND	5	ND	6	ND	6	ND	6
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	6	ND	6	ND	6
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	6	ND	6	ND	6
Ethylbenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
2-Hexanone	UG/KG	ND	27	ND	28	ND	29	ND	28
Isopropylbenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
Methyl acetate	UG/KG	ND	5	ND	6	ND	6	ND	6
Methylcyclohexane	UG/KG	ND	5	ND	6	ND	6	ND	6
Methylene chloride	UG/KG	8 B	5	8 B	6	10 B	6	8 B	6
4-Methyl-2-pentanone	UG/KG	ND	27	ND	28	ND	29	ND	28
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	ND	6	ND	6	ND	6
Styrene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6
Tetrachloroethene	UG/KG	ND	5	2 J	6	ND	6	ND	6
Toluene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,2,4-Trichlorobenzene	UG/KG	ND	5	ND	6	ND	6	ND	6
1,1,1-Trichloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6
1,1,2-Trichloroethane	UG/KG	ND	5	ND	6	ND	6	ND	6

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	SLP-1 A06-A602 09/14/2006	A6A60201	SLP-2 A06-A602 09/14/2006	A6A60202	SLP-3 A06-A602 09/14/2006	A6A60203	SLP-4 A06-A602 09/14/2006	A6A60204
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	6	ND	6	ND	6
Trichlorofluoromethane	UG/KG	2 BJ	5	2 BJ	6	2 BJ	6	2 BJ	6
Trichloroethene	UG/KG	ND	5	ND	6	ND	6	ND	6
Vinyl chloride	UG/KG	ND	11	ND	11	ND	12	ND	11
Total Xylenes	UG/KG	ND	16	ND	17	ND	17	ND	17
IS/SURROGATE(S)									
Chlorobenzene-D5	%	105	50-200	102	50-200	101	50-200	104	50-200
1,4-Difluorobenzene	%	106	50-200	106	50-200	102	50-200	105	50-200
1,4-Dichlorobenzene-D4	%	101	50-200	101	50-200	97	50-200	101	50-200
Toluene-D8	%	99	71-125	101	71-125	100	71-125	99	71-125
p-Bromofluorobenzene	%	93	68-124	94	68-124	93	68-124	94	68-124
1,2-Dichloroethane-D4	%	92	61-136	91	61-136	92	61-136	93	61-136

10/88

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	SLP-5 A06-A602 09/14/2006	A6A60205	SLP-6 A06-A602 09/14/2006	A6A60206	SLP-7 A06-A602 09/14/2006	A6A60207	SLP-COMP1 A06-A602 09/14/2006	A6A60208
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	29	ND	28	ND	27	7 J	30
Benzene	UG/KG	ND	6	ND	6	ND	5	ND	6
Bromodichloromethane	UG/KG	ND	6	ND	6	ND	5	ND	6
Bromoform	UG/KG	ND	6	ND	6	ND	5	ND	6
Bromomethane	UG/KG	ND	6	ND	6	ND	5	ND	6
2-Butanone	UG/KG	ND	29	ND	28	ND	27	ND	30
Carbon Disulfide	UG/KG	ND	6	ND	6	ND	5	ND	6
Carbon Tetrachloride	UG/KG	ND	6	ND	6	ND	5	ND	6
Chlorobenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
Chloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6
Chloroform	UG/KG	ND	6	ND	6	ND	5	ND	6
Chloromethane	UG/KG	ND	6	ND	6	ND	5	ND	6
Cyclohexane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2-Dibromoethane	UG/KG	ND	6	ND	6	ND	5	ND	6
Dibromochloromethane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2-Dibromo-3-chloropropane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2-Dichlorobenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,3-Dichlorobenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,4-Dichlorobenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
Dichlorodifluoromethane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,1-Dichloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2-Dichloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,1-Dichloroethene	UG/KG	ND	6	ND	6	ND	5	ND	6
cis-1,2-Dichloroethene	UG/KG	ND	6	ND	6	ND	5	ND	6
trans-1,2-Dichloroethene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2-Dichloropropane	UG/KG	ND	6	ND	6	ND	5	ND	6
cis-1,3-Dichloropropene	UG/KG	ND	6	ND	6	ND	5	ND	6
trans-1,3-Dichloropropene	UG/KG	ND	6	ND	6	ND	5	ND	6
Ethylbenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
2-Hexanone	UG/KG	ND	29	ND	28	ND	27	ND	30
Isopropylbenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
Methyl acetate	UG/KG	ND	6	ND	6	ND	5	ND	6
Methylcyclohexane	UG/KG	ND	6	ND	6	ND	5	ND	6
Methylene chloride	UG/KG	8 B	6	8 B	6	7 B	5	9 B	6
4-Methyl-2-pentanone	UG/KG	ND	29	ND	28	ND	27	ND	30
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	6	ND	6	ND	5	ND	6
Styrene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,1,2,2-Tetrachloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6
Tetrachloroethene	UG/KG	ND	6	1 J	6	ND	5	ND	6
Toluene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,2,4-Trichlorobenzene	UG/KG	ND	6	ND	6	ND	5	ND	6
1,1,1-Trichloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6
1,1,2-Trichloroethane	UG/KG	ND	6	ND	6	ND	5	ND	6

11/88

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	SLP-5 A06-A602 09/14/2006	A6A60205	SLP-6 A06-A602 09/14/2006	A6A60206	SLP-7 A06-A602 09/14/2006	A6A60207	SLP-COMP1 A06-A602 09/14/2006	A6A60208
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	6	ND	6	ND	5	ND	6
Trichlorofluoromethane	UG/KG	1 BJ	6	2 BJ	6	2 BJ	5	2 BJ	6
Trichloroethene	UG/KG	ND	6	ND	6	ND	5	ND	6
Vinyl chloride	UG/KG	ND	12	ND	11	ND	11	ND	12
Total Xylenes	UG/KG	ND	17	ND	17	ND	16	ND	18
IS/SURROGATE(S)									
Chlorobenzene-D5	%	101	50-200	101	50-200	99	50-200	98	50-200
1,4-Difluorobenzene	%	103	50-200	102	50-200	101	50-200	101	50-200
1,4-Dichlorobenzene-D4	%	98	50-200	99	50-200	96	50-200	96	50-200
Toluene-D8	%	98	71-125	100	71-125	103	71-125	102	71-125
p-Bromofluorobenzene	%	91	68-124	93	68-124	96	68-124	94	68-124
1,2-Dichloroethane-D4	%	92	61-136	95	61-136	95	61-136	94	61-136

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID		SLP-COMP2							
Job No	Lab ID	A06-A602	A6A60209						
Sample Date		09/14/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	30	NA		NA		NA	
Benzene	UG/KG	ND	6	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	6	NA		NA		NA	
Bromoform	UG/KG	ND	6	NA		NA		NA	
Bromomethane	UG/KG	ND	6	NA		NA		NA	
2-Butanone	UG/KG	ND	30	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	6	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	6	NA		NA		NA	
Chlorobenzene	UG/KG	ND	6	NA		NA		NA	
Chloroethane	UG/KG	ND	6	NA		NA		NA	
Chloroform	UG/KG	ND	6	NA		NA		NA	
Chloromethane	UG/KG	ND	6	NA		NA		NA	
Cyclohexane	UG/KG	ND	6	NA		NA		NA	
1,2-Dibromoethane	UG/KG	ND	6	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	6	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	6	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	6	NA		NA		NA	
Dichlorodifluoromethane	UG/KG	ND	6	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	6	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	6	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	6	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	6	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	6	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	6	NA		NA		NA	
Ethylbenzene	UG/KG	ND	6	NA		NA		NA	
2-Hexanone	UG/KG	ND	30	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	6	NA		NA		NA	
Methyl acetate	UG/KG	ND	6	NA		NA		NA	
Methylcyclohexane	UG/KG	ND	6	NA		NA		NA	
Methylene chloride	UG/KG	6 B	6	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	30	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	6	NA		NA		NA	
Styrene	UG/KG	ND	6	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	6	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	6	NA		NA		NA	
Toluene	UG/KG	ND	6	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	6	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	6	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	6	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:51

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID		SLP-COMP2							
Job No	Lab ID	A06-A602	A6A60209						
Sample Date		09/14/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	6	NA		NA		NA	
Trichlorofluoromethane	UG/KG	2 BJ	6	NA		NA		NA	
Trichloroethene	UG/KG	ND	6	NA		NA		NA	
Vinyl chloride	UG/KG	ND	12	NA		NA		NA	
Total Xylenes	UG/KG	ND	18	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	100	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	101	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	97	50-200	NA		NA		NA	
Toluene-D8	%	100	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	94	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	91	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:59

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID		SLP-1		SLP-2		SLP-3		SLP-4	
Job No	Lab ID	A06-A602	A6A60201	A06-A602	A6A60202	A06-A602	A6A60203	A06-A602	A6A60204
Sample Date		09/14/2006		09/14/2006		09/14/2006		09/14/2006	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	75	ND	20	ND	19	ND	19
Aroclor 1221	UG/KG	ND	75	ND	20	ND	19	ND	19
Aroclor 1232	UG/KG	ND	75	ND	20	ND	19	ND	19
Aroclor 1242	UG/KG	ND	75	ND	20	ND	19	ND	19
Aroclor 1248	UG/KG	630	75	470	20	190	19	230	19
Aroclor 1254	UG/KG	ND	75	ND	20	ND	19	ND	19
Aroclor 1260	UG/KG	ND	75	ND	20	ND	19	ND	19
SURROGATE(S)									
Tetrachloro-m-xylene	%	92	32-148	103	32-148	78	32-148	98	32-148
Decachlorobiphenyl	%	80	36-153	81	36-153	54	36-153	84	36-153

Client ID		SLP-5		SLP-6		SLP-7		SLP-COMP1	
Job No	Lab ID	A06-A602	A6A60205	A06-A602	A6A60206	A06-A602	A6A60207	A06-A602	A6A60208
Sample Date		09/14/2006		09/14/2006		09/14/2006		09/14/2006	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	19	ND	76	ND	96	ND	76
Aroclor 1221	UG/KG	ND	19	ND	76	ND	96	ND	76
Aroclor 1232	UG/KG	ND	19	ND	76	ND	96	ND	76
Aroclor 1242	UG/KG	ND	19	ND	76	ND	96	ND	76
Aroclor 1248	UG/KG	180	19	690	76	1400	96	570	76
Aroclor 1254	UG/KG	ND	19	ND	76	ND	96	ND	76
Aroclor 1260	UG/KG	ND	19	ND	76	ND	96	ND	76
SURROGATE(S)									
Tetrachloro-m-xylene	%	98	32-148	108	32-148	105	32-148	90	32-148
Decachlorobiphenyl	%	68	36-153	90	36-153	85	36-153	76	36-153

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:44:59

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID		SLP-COMP2							
Job No	Lab ID	A06-A602	A6A60209						
Sample Date		09/14/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	99	NA		NA		NA	
Aroclor 1221	UG/KG	ND	99	NA		NA		NA	
Aroclor 1232	UG/KG	ND	99	NA		NA		NA	
Aroclor 1242	UG/KG	ND	99	NA		NA		NA	
Aroclor 1248	UG/KG	1800	99	NA		NA		NA	
Aroclor 1254	UG/KG	ND	99	NA		NA		NA	
Aroclor 1260	UG/KG	ND	99	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	110	32-148	NA		NA		NA	
Decachlorobiphenyl	%	82	36-153	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:45:02

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
TOTAL RCRA METALS

Rept: AN1246

Client ID		SLP-COMP1		SLP-COMP2					
Job No	Lab ID	A06-A602	A6A60208	A06-A602	A6A60209				
Sample Date		09/14/2006		09/14/2006					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/KG	6.9	2.2	6.7	2.3	NA		NA	
Barium - Total	MG/KG	113	0.54	102	0.58	NA		NA	
Cadmium - Total	MG/KG	ND	0.22	ND	0.23	NA		NA	
Chromium - Total	MG/KG	54.0	0.54	61.7	0.58	NA		NA	
Lead - Total	MG/KG	17.1	1.1	18.8	1.2	NA		NA	
Mercury - Total	MG/KG	ND	0.024	ND	0.025	NA		NA	
Selenium - Total	MG/KG	ND	4.4	ND	4.6	NA		NA	
Silver - Total	MG/KG	ND	0.54	ND	0.58	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Date: 09/25/2006
Time: 19:45:14

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID		VBLK24							
Job No	Lab ID	A06-A602	A6B2649302						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	25	NA		NA		NA	
Benzene	UG/KG	ND	5	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	5	NA		NA		NA	
Bromoform	UG/KG	ND	5	NA		NA		NA	
Bromomethane	UG/KG	ND	5	NA		NA		NA	
2-Butanone	UG/KG	ND	25	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	5	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	5	NA		NA		NA	
Chlorobenzene	UG/KG	ND	5	NA		NA		NA	
Chloroethane	UG/KG	ND	5	NA		NA		NA	
Chloroform	UG/KG	ND	5	NA		NA		NA	
Chloromethane	UG/KG	ND	5	NA		NA		NA	
Cyclohexane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromoethane	UG/KG	ND	5	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
Dichlorodifluoromethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	5	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5	NA		NA		NA	
2-Hexanone	UG/KG	ND	25	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5	NA		NA		NA	
Methyl acetate	UG/KG	ND	5	NA		NA		NA	
Methylcyclohexane	UG/KG	ND	5	NA		NA		NA	
Methylene chloride	UG/KG	12	5	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	25	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	NA		NA		NA	
Styrene	UG/KG	ND	5	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	5	NA		NA		NA	
Toluene	UG/KG	ND	5	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	5	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:45:14

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Rept: AN1246

Client ID		VBLK24							
Job No	Lab ID	A06-A602	A6B2649302						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	2 J	5	NA		NA		NA	
Trichloroethene	UG/KG	ND	5	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	94	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	95	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	90	50-200	NA		NA		NA	
Toluene-D8	%	102	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	94	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	93	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:45:21

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A602	A6B2639702						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	16	NA		NA		NA	
Aroclor 1221	UG/KG	ND	16	NA		NA		NA	
Aroclor 1232	UG/KG	ND	16	NA		NA		NA	
Aroclor 1242	UG/KG	ND	16	NA		NA		NA	
Aroclor 1248	UG/KG	ND	16	NA		NA		NA	
Aroclor 1254	UG/KG	ND	16	NA		NA		NA	
Aroclor 1260	UG/KG	ND	16	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	94	32-148	NA		NA		NA	
Decachlorobiphenyl	%	100	36-153	NA		NA		NA	

21/88

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 09/25/2006
Time: 19:45:24

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
TOTAL RCRA METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A602	A6B2640002	Method Blank A06-A602	A6B2640102				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	ND	0.020	NA		NA		NA	
Selenium - Total	MG/KG	NA		ND	4.0	NA		NA	
Barium - Total	MG/KG	NA		ND	0.50	NA		NA	
Arsenic - Total	MG/KG	NA		ND	2.0	NA		NA	
Lead - Total	MG/KG	NA		ND	0.99	NA		NA	
Cadmium - Total	MG/KG	NA		ND	0.20	NA		NA	
Chromium - Total	MG/KG	NA		ND	0.50	NA		NA	
Silver - Total	MG/KG	NA		ND	0.50	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

SDG: 0906SS
Client Sample ID: VBLK24 MSB24
Lab Sample ID: A6B2649302 A6B2649301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/KG	28.4	25.0	114	65-146
Trichloroethene	UG/KG	25.2	25.0	101	74-127
Benzene	UG/KG	25.7	25.0	103	74-128
Toluene	UG/KG	27.9	25.0	112	74-123
Chlorobenzene	UG/KG	26.3	25.0	105	76-124

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0906SS

Client Sample ID:	SLP-2	SLP-2
Lab Sample ID:	A6A60202	A6A60202MS	A6A60202SD

Analyte	Units of Measure	Concentration Sample	Matrix Spike	Spike Duplicate	Spike Amount MS	MSD	% Recovery MS	MSD	Avg	% RPD	QC LIMITS RPD	REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS												
Aroclor 1260	UG/KG	0	152	178	201	205	76	87	82	13	50.0	41-139
Aroclor 1016	UG/KG	0	313	479	201	205	156 *	233 *	195	40	50.0	39-131

24/88

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0906SS
Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A6B2639702 A6B2639701

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS					
Aroclor 1260	UG/KG	155	165	94	41-139
Aroclor 1016	UG/KG	161	165	97	39-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0906SS
Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2640002 A6B2640001

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL RCRA METALS					
TOTAL MERCURY	MG/KG	2.33	2.80	83	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0906SS
Client Sample ID: Method Blank LCS CLP Soils
Lab Sample ID: A6B2640102 A6B2640101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL RCRA METALS					
TOTAL ARSENIC	MG/KG	115.1	132.0	87	80-120
TOTAL BARIUM	MG/KG	294.2	319.0	92	80-120
TOTAL CADMIUM	MG/KG	64.20	66.50	96	80-120
TOTAL CHROMIUM	MG/KG	64.84	72.90	89	80-120
TOTAL LEAD	MG/KG	120.0	130.0	92	80-120
TOTAL SELENIUM	MG/KG	151.3	161.0	94	80-120
TOTAL SILVER	MG/KG	98.13	101.0	97	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SLP-1 A06-A602 A6A60201	SLP-2 A06-A602 A6A60202	SLP-3 A06-A602 A6A60203	SLP-4 A06-A602 A6A60204	SLP-5 A06-A602 A6A60205
Sample Date	09/14/2006	09/14/2006	09/14/2006	09/14/2006	09/14/2006
Received Date	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25
Extraction Date					
Analysis Date	09/18/2006 16:18	09/18/2006 16:49	09/18/2006 17:19	09/18/2006 17:49	09/18/2006 18:20
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	5.13 GRAMS	5.07 GRAMS	5.04 GRAMS	5.12 GRAMS	5.12 GRAMS
% Dry	89.64	86.57	85.93	87.50	84.25

28/88

NA = Not Applicable

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SLP-6 A06-A602 A6A60206	SLP-7 A06-A602 A6A60207	SLP-COMP1 A06-A602 A6A60208	SLP-COMP2 A06-A602 A6A60209	
Sample Date	09/14/2006	09/14/2006	09/14/2006	09/14/2006	
Received Date	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	
Extraction Date					
Analysis Date	09/18/2006 18:50	09/18/2006 19:21	09/18/2006 19:51	09/18/2006 20:22	
Extraction HT Met?	-	-	-	-	
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	5.03 GRAMS	5.02 GRAMS	4.96 GRAMS	4.95 GRAMS	
% Dry	86.92	91.00	83.95	85.36	

29/88

NA = Not Applicable

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK24 A06-A602 A6B2649302				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	09/18/2006 15:48				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	5.0 GRAMS				
% Dry	100.00				

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SLP-1 A06-A602 A6A60201	SLP-2 A06-A602 A6A60202	SLP-3 A06-A602 A6A60203	SLP-4 A06-A602 A6A60204	SLP-5 A06-A602 A6A60205
Sample Date	09/14/2006	09/14/2006	09/14/2006	09/14/2006	09/14/2006
Received Date	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25
Extraction Date	09/18/2006 07:00	09/18/2006 07:00	09/18/2006 07:00	09/18/2006 07:00	09/18/2006 07:00
Analysis Date	09/18/2006 22:09	09/18/2006 22:48	09/19/2006 00:43	09/19/2006 01:22	09/19/2006 02:00
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	4.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.56 GRAMS	30.65 GRAMS	30.48 GRAMS	30.21 GRAMS	30.93 GRAMS
% Dry	86.94	80.71	84.97	85.48	84.14

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	SLP-6 A06-A602 A6A60206	SLP-7 A06-A602 A6A60207	SLP-COMP1 A06-A602 A6A60208	SLP-COMP2 A06-A602 A6A60209	
Sample Date	09/14/2006	09/14/2006	09/14/2006	09/14/2006	
Received Date	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	09/15/2006 11:25	
Extraction Date	09/18/2006 07:00	09/18/2006 07:00	09/18/2006 07:00	09/18/2006 07:00	
Analysis Date	09/19/2006 03:36	09/19/2006 04:14	09/19/2006 04:53	09/19/2006 05:31	
Extraction HT Met?	YES	YES	YES	YES	
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	
Dilution Factor	4.0	5.0	4.0	5.0	
Sample wt/vol	30.79 GRAMS	30.2 GRAMS	30.46 GRAMS	30.42 GRAMS	
% Dry	85.43	86.00	86.01	83.26	

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-A602 A6B2639702				
Sample Date					
Received Date					
Extraction Date	09/18/2006 07:00				
Analysis Date	09/18/2006 21:11				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.44 GRAMS				
% Dry	100.00				

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NA = Not Applicable

Date: 09/25/2006 19:46
Job No: A06-A602

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	AH	Matrix
A6A60208	SLP-COMP1	RECNY	Arsenic - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	86.01	0.5692 g	09/14/2006	09/15 11:25	09/18 15:01	LH	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	86.01	0.533 g	09/14/2006	09/15 11:25	09/18 17:12	TWS	Y	SOIL
A6A60209	SLP-COMP2	RECNY	Arsenic - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	83.26	0.5803 g	09/14/2006	09/15 11:25	09/18 15:02	LH	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	83.26	0.518 g	09/14/2006	09/15 11:25	09/18 17:27	TWS	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A6B2640002	Method Blank	RECNY	Mercury - Total	7471	1.0	100.00	0.5912 g	-	-	09/18 15:20	LH	Y	SOIL
A6B2640102	Method Blank	RECNY	Arsenic - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	100.00	0.504 g	-	-	09/18 17:02	TWS	Y	SOIL

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AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody Record

SEVERN TRENT **STL®**
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: GZA GeoEnvironmental	Project Manager: Chris Baron	Date: 9/14/06	Chain of Custody Number: 285775
Address: 364 Nagel Drive	Telephone Number (Area Code)/Fax Number: 716-685-2300 / 716-685-3629	Lab Number	Page 1 of 1
City: Buffalo; State: NY; Zip Code: 14225	Site Contact	Lab Contact: Amy Haag	
Project Name and Location (State): Special Metals, Dunkirk	Carrier/Waybill Number: Drop off		
Contract/Purchase Order/Quote No.: 21.00561961.10			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC	SVOC	PCB	RCRA Metals	Special Instructions/ Conditions of Receipt
SCP-1	9/14/06					X	2						X	X	X		Results needed by morning 9/20/06
SCP-2						X	2						X	X	X		
SCP-3						X	2						X	X	X		
SCP-4						X	2						X	X	X		
SCP-5						X	2						X	X	X		
SCP-6						X	2						X	X	X		
SCP-7						X	2						X	X	X		
SCP-Comp 1						X	2						X	X	X	X	
SCP-Comp 2						X	2						X	X	X	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 3 day TAT

QC Requirements (Specify)

1. Relinquished By: Chris Baron	Date: 9/15/06	Time: 1125	1. Received By: UBell SDZ BUFFALO	Date: 9/15/06	Time: 1125
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2.0°C

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Appendix A

SEVERN TRENT STL

STL North Canton
4101 Shuffel Drive NW
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772
www.stl-inc.com

ANALYTICAL REPORT

PROJECT NO. NY2A8898.3

NY2A8898.3 GZA

Lot #: A6I160197

Amy Haag

STL Buffalo
10 Hazelwood Drive
Amherst, NY 14228

SEVERN TRENT LABORATORIES, INC.

Lois D. Ezzo
Project Manager

September 20, 2006

CASE NARRATIVE

A6I160197

The following report contains the analytical results for nine solid samples submitted to STL North Canton by STL Buffalo from the NY2A8898.3 GZA Site, project number NY2A8898.3. The samples were received September 16, 2006, according to documented sample acceptance procedures.

STL utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Amy Haag on September 19, 2006. A summary of QC data for these analyses is included at the back of the report.

STL North Canton attests to the validity of the laboratory data generated by STL facilities reported herein. All analyses performed by STL facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. STL's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

If you have any questions, please call the Project Manager, Lois D. Ezzo, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT." The total number of pages in this report is 51.

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 2.4°C.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES

Due to inherent matrix effects, the parent sample and the matrix spike/matrix spike duplicate associated with batch(es) 6261044 could not be concentrated to the final method required volume. Since this was an effective dilution, the final reporting limits were adjusted proportionately.

Sample(s) SLP-COMP1 and SLP-COMP2 had elevated reporting limits due to matrix interference.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS OF SW-846 METHODS

STL North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. STL North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples. These QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. The only exception is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed below.)
-

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS OF SW-846 METHODS
(Continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable. The acceptance criteria do not apply to samples that are diluted for organics if the native sample amount is 4x the concentration of the spike.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepped and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepped and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide, PCB, and PAH methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria.

EXECUTIVE SUMMARY - Detection Highlights

A6I160197

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SLP-1 09/14/06 001				
Percent Solids	76.9	10.0	%	MCAWW 160.3 MOD
SLP-2 09/14/06 002				
Percent Solids	84.5	10.0	%	MCAWW 160.3 MOD
SLP-3 09/14/06 003				
Percent Solids	84.3	10.0	%	MCAWW 160.3 MOD
SLP-4 09/14/06 004				
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD
SLP-5 09/14/06 005				
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
SLP-6 09/14/06 006				
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
SLP-7 09/14/06 007				
Percent Solids	84.7	10.0	%	MCAWW 160.3 MOD
SLP-COMP1 09/14/06 008				
Percent Solids	80.7	10.0	%	MCAWW 160.3 MOD
SLP-COMP2 09/14/06 009				
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A6I160197

PARAMETER	ANALYTICAL METHOD
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A6I160197

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JEF81	001	SLP-1	09/14/06	
JEF82	002	SLP-2	09/14/06	
JEF83	003	SLP-3	09/14/06	
JEF84	004	SLP-4	09/14/06	
JEF85	005	SLP-5	09/14/06	
JEF86	006	SLP-6	09/14/06	
JEF87	007	SLP-7	09/14/06	
JEF88	008	SLP-COMP1	09/14/06	
JEF89	009	SLP-COMP2	09/14/06	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL Buffalo

Client Sample ID: SLP-1

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-001 Work Order #...: JEF811AC Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
Prep Date.....: 09/18/06 Analysis Date..: 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 23 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	430	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	430	ug/kg
1,2-Dichlorobenzene	ND	430	ug/kg
1,3-Dichlorobenzene	ND	430	ug/kg
1,4-Dichlorobenzene	ND	430	ug/kg
1,2,4-Trichloro-benzene	ND	430	ug/kg
Acenaphthene	ND	430	ug/kg
Acenaphthylene	ND	430	ug/kg
Anthracene	ND	430	ug/kg
Benzo(a)anthracene	ND	430	ug/kg
Benzo(a)pyrene	ND	430	ug/kg
Benzo(b)fluoranthene	ND	430	ug/kg
Benzo(ghi)perylene	ND	430	ug/kg
Benzo(k)fluoranthene	ND	430	ug/kg
bis(2-Chloroethoxy) methane	ND	430	ug/kg
bis(2-Chloroethyl)-ether	ND	430	ug/kg
bis(2-Ethylhexyl) phthalate	ND	430	ug/kg
4-Bromophenyl phenyl ether	ND	430	ug/kg
Butyl benzyl phthalate	ND	430	ug/kg
4-Chloroaniline	ND	430	ug/kg
2-Chloronaphthalene	ND	430	ug/kg
4-Chlorophenyl phenyl ether	ND	430	ug/kg
Chrysene	ND	430	ug/kg
Dibenz(a,h)anthracene	ND	430	ug/kg
Dibenzofuran	ND	430	ug/kg
3,3'-Dichlorobenzidine	ND	2100	ug/kg
Diethyl phthalate	ND	430	ug/kg
Dimethyl phthalate	ND	430	ug/kg
Di-n-butyl phthalate	ND	430	ug/kg
2,4-Dinitrotoluene	ND	430	ug/kg
2,6-Dinitrotoluene	ND	430	ug/kg

(Continued on next page)

STL Buffalo

Client Sample ID: SLP-1

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-001 **Work Order #...:** JEF811AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	430	ug/kg
Fluoranthene	ND	430	ug/kg
Fluorene	ND	430	ug/kg
Hexachlorobenzene	ND	430	ug/kg
Hexachlorobutadiene	ND	430	ug/kg
Hexachlorocyclopenta-diene	ND	2100	ug/kg
Hexachloroethane	ND	430	ug/kg
Indeno(1,2,3-cd)pyrene	ND	430	ug/kg
Isophorone	ND	430	ug/kg
2-Methylnaphthalene	ND	430	ug/kg
Naphthalene	ND	430	ug/kg
2-Nitroaniline	ND	2100	ug/kg
3-Nitroaniline	ND	2100	ug/kg
4-Nitroaniline	ND	2100	ug/kg
Nitrobenzene	ND	430	ug/kg
N-Nitrosodi-n-propyl-amine	ND	430	ug/kg
N-Nitrosodiphenylamine	ND	430	ug/kg
Phenanthrene	ND	430	ug/kg
Pyrene	ND	430	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	77	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-1

General Chemistry

Lot-Sample #...: A6I160197-001 Work Order #...: JEF81 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	76.9	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-2

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-002 **Work Order #...:** JEF821AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	390	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
1,2,4-Trichloro-benzene	ND	390	ug/kg
Acenaphthene	ND	390	ug/kg
Acenaphthylene	ND	390	ug/kg
Anthracene	ND	390	ug/kg
Benzo(a)anthracene	ND	390	ug/kg
Benzo(a)pyrene	ND	390	ug/kg
Benzo(b)fluoranthene	ND	390	ug/kg
Benzo(ghi)perylene	ND	390	ug/kg
Benzo(k)fluoranthene	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	390	ug/kg
Dibenz(a,h)anthracene	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
Diethyl phthalate	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg

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STL Buffalo

Client Sample ID: SLP-2

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-002 Work Order #...: JEF821AC Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	390	ug/kg
Fluorene	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
Phenanthrene	ND	390	ug/kg
Pyrene	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	80	(34 - 110)
Terphenyl-d14	76	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	65	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-2

General Chemistry

Lot-Sample #...: A6I160197-002 Work Order #...: JEF82 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.5	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-3

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-003 Work Order #...: JEF831AC Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
Prep Date.....: 09/18/06 Analysis Date..: 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 16 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	390	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
1,2,4-Trichloro-benzene	ND	390	ug/kg
Acenaphthene	ND	390	ug/kg
Acenaphthylene	ND	390	ug/kg
Anthracene	ND	390	ug/kg
Benzo(a)anthracene	ND	390	ug/kg
Benzo(a)pyrene	ND	390	ug/kg
Benzo(b)fluoranthene	ND	390	ug/kg
Benzo(ghi)perylene	ND	390	ug/kg
Benzo(k)fluoranthene	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	390	ug/kg
Dibenz(a,h)anthracene	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
Diethyl phthalate	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg

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STL Buffalo

Client Sample ID: SLP-3

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-003 **Work Order #...:** JEF831AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	390	ug/kg
Fluorene	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
Phenanthrene	ND	390	ug/kg
Pyrene	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(24 - 112)
2-Fluorobiphenyl	85	(34 - 110)
Terphenyl-d14	76	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-3

General Chemistry

Lot-Sample #...: A6I160197-003 Work Order #...: JEF83 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.3	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-4

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-004 **Work Order #...:** JEF841AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	390	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
1,2,4-Trichloro-benzene	ND	390	ug/kg
Acenaphthene	ND	390	ug/kg
Acenaphthylene	ND	390	ug/kg
Anthracene	ND	390	ug/kg
Benzo(a)anthracene	ND	390	ug/kg
Benzo(a)pyrene	ND	390	ug/kg
Benzo(b)fluoranthene	ND	390	ug/kg
Benzo(ghi)perylene	ND	390	ug/kg
Benzo(k)fluoranthene	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	390	ug/kg
Dibenz(a,h)anthracene	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
Diethyl phthalate	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg

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STL Buffalo

Client Sample ID: SLP-4

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-004 **Work Order #...:** JEF841AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	390	ug/kg
Fluorene	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
Phenanthrene	ND	390	ug/kg
Pyrene	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	80	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	61	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-4

General Chemistry

Lot-Sample #...: A6I160197-004 Work Order #...: JEF84 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-5

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-005 **Work Order #...:** JEF851AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	380	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	380	ug/kg
1,2-Dichlorobenzene	ND	380	ug/kg
1,3-Dichlorobenzene	ND	380	ug/kg
1,4-Dichlorobenzene	ND	380	ug/kg
1,2,4-Trichloro-benzene	ND	380	ug/kg
Acenaphthene	ND	380	ug/kg
Acenaphthylene	ND	380	ug/kg
Anthracene	ND	380	ug/kg
Benzo(a)anthracene	ND	380	ug/kg
Benzo(a)pyrene	ND	380	ug/kg
Benzo(b)fluoranthene	ND	380	ug/kg
Benzo(ghi)perylene	ND	380	ug/kg
Benzo(k)fluoranthene	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)-ether	ND	380	ug/kg
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
4-Chloroaniline	ND	380	ug/kg
2-Chloronaphthalene	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Chrysene	ND	380	ug/kg
Dibenz(a,h)anthracene	ND	380	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
Diethyl phthalate	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg

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STL Buffalo

Client Sample ID: SLP-5

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-005 **Work Order #...:** JEF851AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	380	ug/kg
Fluoranthene	ND	380	ug/kg
Fluorene	ND	380	ug/kg
Hexachlorobenzene	ND	380	ug/kg
Hexachlorobutadiene	ND	380	ug/kg
Hexachlorocyclopenta-diene	ND	1800	ug/kg
Hexachloroethane	ND	380	ug/kg
Indeno(1,2,3-cd)pyrene	ND	380	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	380	ug/kg
Naphthalene	ND	380	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	380	ug/kg
N-Nitrosodi-n-propyl-amine	ND	380	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
Phenanthrene	ND	380	ug/kg
Pyrene	ND	380	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	86	(34 - 110)
Terphenyl-d14	74	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	71	(26 - 110)
2,4,6-Tribromophenol	90	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-5

General Chemistry

Lot-Sample #...: A6I160197-005 Work Order #...: JEF85 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-6

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-006 **Work Order #...:** JEF861AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	390	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
1,2,4-Trichloro-benzene	ND	390	ug/kg
Acenaphthene	ND	390	ug/kg
Acenaphthylene	ND	390	ug/kg
Anthracene	ND	390	ug/kg
Benzo(a)anthracene	ND	390	ug/kg
Benzo(a)pyrene	ND	390	ug/kg
Benzo(b)fluoranthene	ND	390	ug/kg
Benzo(ghi)perylene	ND	390	ug/kg
Benzo(k)fluoranthene	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	390	ug/kg
Dibenz(a,h)anthracene	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
Diethyl phthalate	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg

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STL Buffalo

Client Sample ID: SLP-6

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-006 **Work Order #...:** JEF861AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	390	ug/kg
Fluorene	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
Phenanthrene	ND	390	ug/kg
Pyrene	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	83	(34 - 110)
Terphenyl-d14	71	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-6

General Chemistry

Lot-Sample #...: A6I160197-006 Work Order #...: JEF86 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-7

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-007 Work Order #...: JEF871AC Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
Prep Date.....: 09/18/06 Analysis Date..: 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1
% Moisture.....: 15 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	390	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	390	ug/kg
1,2-Dichlorobenzene	ND	390	ug/kg
1,3-Dichlorobenzene	ND	390	ug/kg
1,4-Dichlorobenzene	ND	390	ug/kg
1,2,4-Trichloro-benzene	ND	390	ug/kg
Acenaphthene	ND	390	ug/kg
Acenaphthylene	ND	390	ug/kg
Anthracene	ND	390	ug/kg
Benzo(a)anthracene	ND	390	ug/kg
Benzo(a)pyrene	ND	390	ug/kg
Benzo(b)fluoranthene	ND	390	ug/kg
Benzo(ghi)perylene	ND	390	ug/kg
Benzo(k)fluoranthene	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)-ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Chrysene	ND	390	ug/kg
Dibenz(a,h)anthracene	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
Diethyl phthalate	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg

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STL Buffalo

Client Sample ID: SLP-7

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-007 **Work Order #...:** JEF871AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	390	ug/kg
Fluoranthene	ND	390	ug/kg
Fluorene	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta-diene	ND	1900	ug/kg
Hexachloroethane	ND	390	ug/kg
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
Naphthalene	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
N-Nitrosodi-n-propyl-amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
Phenanthrene	ND	390	ug/kg
Pyrene	ND	390	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(24 - 112)
2-Fluorobiphenyl	91	(34 - 110)
Terphenyl-d14	65	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-7

General Chemistry

Lot-Sample #...: A6I160197-007 Work Order #...: JEF87 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	84.7	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-COMP1

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-008 **Work Order #...:** JEF881AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 5
% Moisture.....: 19 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	2000	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	2000	ug/kg
1,2-Dichlorobenzene	ND	2000	ug/kg
1,3-Dichlorobenzene	ND	2000	ug/kg
1,4-Dichlorobenzene	ND	2000	ug/kg
1,2,4-Trichloro-benzene	ND	2000	ug/kg
Acenaphthene	ND	2000	ug/kg
Acenaphthylene	ND	2000	ug/kg
Anthracene	ND	2000	ug/kg
Benzo(a)anthracene	ND	2000	ug/kg
Benzo(a)pyrene	ND	2000	ug/kg
Benzo(b)fluoranthene	ND	2000	ug/kg
Benzo(ghi)perylene	ND	2000	ug/kg
Benzo(k)fluoranthene	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Chrysene	ND	2000	ug/kg
Dibenz(a,h)anthracene	ND	2000	ug/kg
Dibenzofuran	ND	2000	ug/kg
3,3'-Dichlorobenzidine	ND	9900	ug/kg
Diethyl phthalate	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg

(Continued on next page)

STL Buffalo

Client Sample ID: SLP-COMP1

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-008 **Work Order #...:** JEF881AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	2000	ug/kg
Fluoranthene	ND	2000	ug/kg
Fluorene	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9900	ug/kg
Hexachloroethane	ND	2000	ug/kg
Indeno(1,2,3-cd)pyrene	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	ND	2000	ug/kg
Naphthalene	ND	2000	ug/kg
2-Nitroaniline	ND	9900	ug/kg
3-Nitroaniline	ND	9900	ug/kg
4-Nitroaniline	ND	9900	ug/kg
Nitrobenzene	ND	2000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
Phenanthrene	ND	2000	ug/kg
Pyrene	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62 DIL	(24 - 112)
2-Fluorobiphenyl	79 DIL	(34 - 110)
Terphenyl-d14	65 DIL	(41 - 119)
Phenol-d5	51 DIL	(28 - 110)
2-Fluorophenol	53 DIL	(26 - 110)
2,4,6-Tribromophenol	68 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-COMP1

General Chemistry

Lot-Sample #...: A6I160197-008 Work Order #...: JEF88 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	80.7	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

STL Buffalo

Client Sample ID: SLP-COMP2

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-009 **Work Order #...:** JEF891AC **Matrix.....:** SO
Date Sampled...: 09/14/06 **Date Received..:** 09/16/06
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 5
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzyl alcohol	ND	2000	ug/kg
2,2'-oxybis(1-Chloro-propane)	ND	2000	ug/kg
1,2-Dichlorobenzene	ND	2000	ug/kg
1,3-Dichlorobenzene	ND	2000	ug/kg
1,4-Dichlorobenzene	ND	2000	ug/kg
1,2,4-Trichloro-benzene	ND	2000	ug/kg
Acenaphthene	ND	2000	ug/kg
Acenaphthylene	ND	2000	ug/kg
Anthracene	ND	2000	ug/kg
Benzo(a)anthracene	ND	2000	ug/kg
Benzo(a)pyrene	ND	2000	ug/kg
Benzo(b)fluoranthene	ND	2000	ug/kg
Benzo(ghi)perylene	ND	2000	ug/kg
Benzo(k)fluoranthene	ND	2000	ug/kg
bis(2-Chloroethoxy) methane	ND	2000	ug/kg
bis(2-Chloroethyl)-ether	ND	2000	ug/kg
bis(2-Ethylhexyl) phthalate	ND	2000	ug/kg
4-Bromophenyl phenyl ether	ND	2000	ug/kg
Butyl benzyl phthalate	ND	2000	ug/kg
4-Chloroaniline	ND	2000	ug/kg
2-Chloronaphthalene	ND	2000	ug/kg
4-Chlorophenyl phenyl ether	ND	2000	ug/kg
Chrysene	ND	2000	ug/kg
Dibenz(a,h)anthracene	ND	2000	ug/kg
Dibenzofuran	ND	2000	ug/kg
3,3'-Dichlorobenzidine	ND	9600	ug/kg
Diethyl phthalate	ND	2000	ug/kg
Dimethyl phthalate	ND	2000	ug/kg
Di-n-butyl phthalate	ND	2000	ug/kg
2,4-Dinitrotoluene	ND	2000	ug/kg
2,6-Dinitrotoluene	ND	2000	ug/kg

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STL Buffalo

Client Sample ID: SLP-COMP2

GC/MS Semivolatiles

Lot-Sample #...: A6I160197-009 **Work Order #...:** JEF891AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Di-n-octyl phthalate	ND	2000	ug/kg
Fluoranthene	ND	2000	ug/kg
Fluorene	ND	2000	ug/kg
Hexachlorobenzene	ND	2000	ug/kg
Hexachlorobutadiene	ND	2000	ug/kg
Hexachlorocyclopenta-diene	ND	9600	ug/kg
Hexachloroethane	ND	2000	ug/kg
Indeno(1,2,3-cd)pyrene	ND	2000	ug/kg
Isophorone	ND	2000	ug/kg
2-Methylnaphthalene	ND	2000	ug/kg
Naphthalene	ND	2000	ug/kg
2-Nitroaniline	ND	9600	ug/kg
3-Nitroaniline	ND	9600	ug/kg
4-Nitroaniline	ND	9600	ug/kg
Nitrobenzene	ND	2000	ug/kg
N-Nitrosodi-n-propyl-amine	ND	2000	ug/kg
N-Nitrosodiphenylamine	ND	2000	ug/kg
Phenanthrene	ND	2000	ug/kg
Pyrene	ND	2000	ug/kg

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72 DIL	(24 - 112)
2-Fluorobiphenyl	83 DIL	(34 - 110)
Terphenyl-d14	73 DIL	(41 - 119)
Phenol-d5	61 DIL	(28 - 110)
2-Fluorophenol	63 DIL	(26 - 110)
2,4,6-Tribromophenol	80 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

STL Buffalo

Client Sample ID: SLP-COMP2

General Chemistry

Lot-Sample #...: A6I160197-009 Work Order #...: JEF89 Matrix.....: SO
Date Sampled...: 09/14/06 Date Received..: 09/16/06
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

SEVERN TRENT STL

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A6I160197 **Work Order #...:** JEGTD1AA **Matrix.....:** SOLID
MB Lot-Sample #: A6I180000-044

Prep Date.....: 09/18/06
Analysis Date..: 09/19/06 **Prep Batch #...:** 6261044
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	330	ug/kg	SW846 8270C
Benzyl alcohol	ND	330	ug/kg	SW846 8270C
1,2-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,3-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,4-Dichlorobenzene	ND	330	ug/kg	SW846 8270C
1,2,4-Trichloro-benzene	ND	330	ug/kg	SW846 8270C
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	330	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	330	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	330	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Chrysene	ND	330	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Fluoranthene	ND	330	ug/kg	SW846 8270C
Fluorene	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A6I160197 **Work Order #...:** JEGTD1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C
Naphthalene	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	330	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
Phenanthrene	ND	330	ug/kg	SW846 8270C
Pyrene	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(24 - 112)
2-Fluorobiphenyl	80	(34 - 110)
Terphenyl-d14	102	(41 - 119)
Phenol-d5	70	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A6I160197 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: JEGN71AA		MB Lot-Sample #:	A6I170000-025	
	ND	10.0	%	MCAWW 160.3 MOD	09/16-09/17/06	6260025
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A6I160197 **Work Order #...:** JEGTD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A6I180000-044
Prep Date.....: 09/18/06 **Analysis Date..:** 09/19/06
Prep Batch #...: 6261044
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trichloro-benzene	**65**	**(43 - 110)**	**SW846 8270C**
1,4-Dichlorobenzene	**59**	**(38 - 110)**	**SW846 8270C**
Acenaphthene	**62**	**(46 - 110)**	**SW846 8270C**
Pentachlorophenol	**50**	**(10 - 110)**	**SW846 8270C**
Phenol	**55**	**(39 - 110)**	**SW846 8270C**
2-Chlorophenol	**54**	**(39 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(42 - 110)**	**SW846 8270C**
4-Nitrophenol	**73**	**(24 - 117)**	**SW846 8270C**
2,4-Dinitrotoluene	**90**	**(55 - 116)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**65**	**(40 - 114)**	**SW846 8270C**
Pyrene	**85**	**(58 - 113)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	56	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A6I160197 Work Order #...: JEDJA1DH-MS Matrix.....: SOLID
MS Lot-Sample #: A6I150177-001 JEDJA1DJ-MSD
Date Sampled...: 09/13/06 12:35 Date Received..: 09/15/06
Prep Date.....: 09/18/06 Analysis Date..:
Prep Batch #...: 6261044
Dilution Factor: 1 % Moisture.....: 16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	0 DIL	(33 - 110)			SW846 8270C
	DIL	(33 - 110)		(0-30)	SW846 8270C
1,4-Dichlorobenzene	0 DIL	(26 - 110)			SW846 8270C
	DIL	(26 - 110)		(0-30)	SW846 8270C
Acenaphthene	0 DIL	(10 - 200)			SW846 8270C
	DIL	(10 - 200)		(0-30)	SW846 8270C
Pentachlorophenol	0 DIL	(10 - 182)			SW846 8270C
	DIL	(10 - 182)		(0-30)	SW846 8270C
Phenol	0 DIL	(10 - 144)			SW846 8270C
	DIL	(10 - 144)		(0-30)	SW846 8270C
2-Chlorophenol	0 DIL	(32 - 110)			SW846 8270C
	DIL	(32 - 110)		(0-30)	SW846 8270C
4-Chloro-3-methylphenol	0 DIL	(32 - 117)			SW846 8270C
	DIL	(32 - 117)		(0-30)	SW846 8270C
4-Nitrophenol	0 DIL	(10 - 125)			SW846 8270C
	DIL	(10 - 125)		(0-30)	SW846 8270C
2,4-Dinitrotoluene	0 DIL	(42 - 118)			SW846 8270C
	DIL	(42 - 118)		(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	0 DIL	(30 - 121)			SW846 8270C
	DIL	(30 - 121)		(0-30)	SW846 8270C
Pyrene	0 DIL	(10 - 200)			SW846 8270C
	DIL	(10 - 200)		(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	DIL	(24 - 112)
	DIL	(24 - 112)
2-Fluorobiphenyl	DIL	(34 - 110)
	DIL	(34 - 110)
Terphenyl-d14	DIL	(41 - 119)
	DIL	(41 - 119)
Phenol-d5	DIL	(28 - 110)
	DIL	(28 - 110)
2-Fluorophenol	DIL	(26 - 110)
	DIL	(26 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A6I160197 **Work Order #...:** JEDJA1DH-MS **Matrix.....:** SOLID
MS Lot-Sample #: A6I150177-001 JEDJA1DJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	DIL	(10 - 118)
	DIL	(10 - 118)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6I160197 **Work Order #...:** JEF3G-SMP JEF3G-DUP **Matrix.....:** SOLID

Date Sampled...: 09/15/06 10:55 **Date Received..:** 09/16/06

% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #:	A6I160173-005	
	88.2	89.6	%	1.6	(0-20)	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A6I160197 **Work Order #...:** JEF89-SMP JEF89-DUP **Matrix.....:** SO

Date Sampled...: 09/14/06 **Date Received..:** 09/16/06

% Moisture.....: 16

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #:	A6I160197-009	
	83.6	84.5	%	1.1	(0-20)	MCAWW 160.3 MOD	09/16-09/17/06	6260025

Dilution Factor: 1

Date: 09/15/2006
Time: 17:20:12

STL Buffalo
Internal Chain of Custody

Client: G Z A GeoEnvironmental of New York
Project: NY2A8898.3
Quote: NY01-248
SM #: 630

PM: Amy Lynn Haag
Due Date: 09/20/2006
Purchase Order#: TBD

Client Sample ID	Lab ID	Matrix	Parameters	# and Type of Samp Containers	Sample Date/Time
SLP-1	A6A60301	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-2	A6A60302	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-3	A6A60303	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-4	A6A60304	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-5	A6A60305	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-6	A6A60306	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-7	A6A60307	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-COMP1	A6A60308	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-COMP2	A6A60309	SOIL	SVOAS	1-4ozGW	09/14/2006

Relinquished by STL Buffalo: Signature(s)	Date	Time	Received By STL - North Canton: Signature(s)	Date	Time
(1)	09/18/2006	1735	(3)	/ /20	
(2)	/ /20		(4)	/ /20	

STL North Canton

82/88

STL Cooler Receipt Form/Narrative **Lot Number:** KOI160197
North Canton Facility

Client: STL Buffalo Project: _____ Quote#: 72365
Cooler Received on: 9/16/06 Opened on: 9/16/06 by: [signature] (Signature)
Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐
Stetson ☐ US Cargo ☐ Other: _____
STL Cooler No# _____ Foam Box ☐ Client Cooler ☒ Other _____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☒ Other: _____
6. Cooler temperature upon receipt 2.4 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☒
Concerning:

√	
	1. CHAIN OF CUSTODY
	The following discrepancies occurred:
	2. SAMPLE CONDITION
	Sample(s) _____ were received after the recommended holding time had expired.
	Sample(s) _____ were received in a broken container.
	3. SAMPLE PRESERVATION
	Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 122805-*HNO3; Sulfuric Acid Lot #* 071805-*H2SO4; Sodium Hydroxide Lot #* -100405 - *NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*
	Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)
	4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

Date: 09/15/2006
Time: 17:20:12

STL Buffalo
Internal Chain of Custody

Client: G Z A GeoEnvironmental of New York
Project: NY2A8898.3
Quote: NY01-248
SM #: 630

PM: Amy Lynn Haag
Due Date: 09/20/2006
Purchase Order#: TBD

Client Sample ID	Lab ID	Matrix	Parameters	# and Type of Samp Containers	Sample Date/Time
SLP-1	A6A60301	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-2	A6A60302	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-3	A6A60303	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-4	A6A60304	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-5	A6A60305	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-6	A6A60306	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-7	A6A60307	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-COMP1	A6A60308	SOIL	SVOAS	1-4ozGW	09/14/2006
SLP-COMP2	A6A60309	SOIL	SVOAS	1-4ozGW	09/14/2006

Relinquished by STL Buffalo: Signature(s)	Date	Time	Received By STL - North Canton: Signature(s)	Date	Time
(1)	09/18/2006	1738	(3)	9/16/20	0930
(2)	/ /20		(4)	/ /20	

STL Cooler Receipt Form/Narrative **Lot Number:** KCI160197

North Canton Facility

Client: STL Buffalo Project: _____ Quote#: 72365

Cooler Received on: 9/16/06 Opened on: 9/16/06 by: [illegible] (Signature)

Fedx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ STL Courier ☐

Stetson ☐ US Cargo ☐ Other: _____

STL Cooler No# _____ Foam Box ☐ Client Cooler ☒ Other _____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were the custody seals signed and dated? Yes ☐ No ☐ NA ☒
2. Shipper's packing slip attached to this form? Yes ☒ No ☐ NA ☐
3. Did custody papers accompany the samples? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☐ None ☒ Other: _____
6. Cooler temperature upon receipt 2.4 °C (see back of form for multiple coolers/temp)

METHOD: Temp Vial ☐ Coolant & Sample ☐ Against Bottles ☐ IR ☒ ICE/H_2O Slurry ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date: _____ by: _____ via Voice Mail ☐ Verbal ☐ Other ☒

Concerning:

√		

1. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

2. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

3. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #* 122805-*HNO3; Sulfuric Acid Lot #* 071805-*H2SO4; Sodium Hydroxide Lot #* -100405 - *NaOH; Hydrochloric Acid Lot #* 100504-*HCl; Sodium Hydroxide and Zinc Acetate Lot #* 071604-*CH3COO2ZN/NaOH*

Sample(s) _____ were received with bubble > 6 mm in diameter (cc: PM)

4. Other (see below or back)

Client ID	pH	Date	Initials

STL Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp	Method	Coolant

Discrepancies Cont.

SEVERN TRENT STL

END OF REPORT

ANALYTICAL REPORT

Job#: A06-A001,A06-A008,A06-A010

STL Project#: NY2A8898.3
SDG#: 0806SE
Site Name: GZA Geo Environmentalof New York -
Task: Special Metals - Dunkirk, NY

Chris Boron
GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

STL Buffalo

Amy Lynn Haag
Project Manager

11/09/2006

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6A00801	CENTER 4 FT DEEP EXC	WATER	08/31/2006	07:15	08/31/2006	11:21
A6A00101	CENTER 4FT DEEP EXC	WATER	08/31/2006	07:15	08/31/2006	11:21
A6A01001	EXC WALL 11-12/15-16	SOIL	08/22/2006		08/31/2006	11:21

METHODS SUMMARY

Job#: A06-A001,A06-A008,A06-A010

STL Project#: NY2A8898.3
SDG#: 0806SE
Site Name: GZA Geo Environmentalof New York -

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - STARS LIST	SW8463 8260
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8260 - VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS	SW8463 8270
METHOD 8270 - STARS LIST	SW8463 8270
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-A001,A06-A008,A06-A010

STL Project#: NY2A8898.3
SDG#: 0806SE
Site Name: GZA Geo Environmentalof New York -

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A06-A001
Sample Cooler(s) were received at the following temperature(s); 12.6 °C
Samples were received at a temperature of 12.6°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.
A06-A008
Sample Cooler(s) were received at the following temperature(s); 12.6 °C
Samples were received at a temperature of 12.6°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.
A06-A010
Sample Cooler(s) were received at the following temperature(s); 12.6 °C
Samples were received at a temperature of 12.6° C. These samples were analyzed as per instructions from the client. Based on EPA data validation guidelines, all detected concentrations and detection limits should be considered estimated values.

GC/MS Volatile Data

The analyte methylene chloride was detected in the Method Blank A6B2590302 at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte toluene was detected in the Method Blank A6B2587202 at a level above the project established reporting limit. All samples were non-detect for this analyte, therefore, no corrective action was necessary.

Sample analysis for sample EXC WALL 11-2/15-16 was calculated from a non-compliant intial calibration. The initial calibration failed QA criteria for toluene due to laboratory contamination. This sample was received with limited holding time and was analyzed in an attept to acheive some useable data before the holding time had expired. Because the initial calibration was out high, and any detections would be biased high, the data will be included. Reanalysis was not possible due to the fact that the only remaining sample volume was a large rock that was approximately 40% of the sample volume.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Extractable Data

For method 8082, several samples required dilution prior to analysis due to the heavy matrix present or high concentration of target analytes. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

SEVERN TRENT STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

* Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

E Indicates a value estimated or not reported due to the presence of interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

* Indicates the spike or duplicate analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 11/09/2006
Time: 14:38:31

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Rept: AN1246

Client ID		CENTER 4FT DEEP EXC							
Job No	Lab ID	A06-A001	A6A00101						
Sample Date		08/31/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	8	1	NA		NA		NA	
Ethylbenzene	UG/L	6	1	NA		NA		NA	
Toluene	UG/L	30	1	NA		NA		NA	
o-Xylene	UG/L	13	1	NA		NA		NA	
m/p-Xylenes	UG/L	24	2	NA		NA		NA	
Total Xylenes	UG/L	36	3	NA		NA		NA	
Isopropylbenzene	UG/L	1	1	NA		NA		NA	
n-Propylbenzene	UG/L	1	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	12	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	2	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	0.6 J	1	NA		NA		NA	
==IS/SURROGATE(S)==									
Chlorobenzene-D5	%	96	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	98	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	95	50-200	NA		NA		NA	
Toluene-D8	%	97	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	98	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	101	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:38:31

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - VOLATILE ORGANICS

Rept: AN1246

Client ID		EXC WALL 11-12/15-16							
Job No	Lab ID	A06-A010	A6A01001						
Sample Date		08/22/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	5.6	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5.6	NA		NA		NA	
Toluene	UG/KG	ND	5.6	NA		NA		NA	
o-Xylene	UG/KG	ND	5.6	NA		NA		NA	
m/p-Xylenes	UG/KG	ND	11	NA		NA		NA	
Total Xylenes	UG/KG	ND	17	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5.6	NA		NA		NA	
n-Propylbenzene	UG/KG	ND	5.6	NA		NA		NA	
p-Cymene	UG/KG	ND	5.6	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	5.6	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	5.6	NA		NA		NA	
n-Butylbenzene	UG/KG	ND	5.6	NA		NA		NA	
sec-Butylbenzene	UG/KG	ND	5.6	NA		NA		NA	
tert-Butylbenzene	UG/KG	ND	5.6	NA		NA		NA	
Naphthalene	UG/KG	ND	5.6	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5.6	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	86	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	88	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	72	50-200	NA		NA		NA	
Toluene-D8	%	100	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	88	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	90	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:38:45

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Rept: AN1246

Client ID		CENTER 4 FT DEEP EXC							
Job No	Lab ID	A06-A008	A6A00801						
Sample Date		08/31/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	24	NA		NA		NA	
Fluorene	UG/L	ND	24	NA		NA		NA	
Phenanthrene	UG/L	ND	24	NA		NA		NA	
Pyrene	UG/L	ND	24	NA		NA		NA	
Acenaphthene	UG/L	ND	24	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	24	NA		NA		NA	
Fluoranthene	UG/L	ND	24	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	24	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	24	NA		NA		NA	
Chrysene	UG/L	ND	24	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	24	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	24	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	24	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	24	NA		NA		NA	
Naphthalene	UG/L	ND	24	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	92	50-200	NA		NA		NA	
Naphthalene-D8	%	94	50-200	NA		NA		NA	
Acenaphthene-D10	%	92	50-200	NA		NA		NA	
Phenanthrene-D10	%	89	50-200	NA		NA		NA	
Chrysene-D12	%	89	50-200	NA		NA		NA	
Perylene-D12	%	91	50-200	NA		NA		NA	
Nitrobenzene-D5	%	73	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	77	44-120	NA		NA		NA	
p-Terphenyl-d14	%	82	23-143	NA		NA		NA	
Phenol-D5	%	45	10-120	NA		NA		NA	
2-Fluorophenol	%	50	20-120	NA		NA		NA	
2,4,6-Tribromophenol	%	95	59-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:38:45

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS LIST

Rept: AN1246

Client ID		EXC WALL 11-12/15-16							
Job No	Lab ID	A06-A010	A6A01001						
Sample Date		08/22/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	370	NA		NA		NA	
Anthracene	UG/KG	ND	370	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	370	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	370	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	370	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	370	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	370	NA		NA		NA	
Chrysene	UG/KG	ND	370	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	370	NA		NA		NA	
Fluoranthene	UG/KG	ND	370	NA		NA		NA	
Fluorene	UG/KG	ND	370	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	370	NA		NA		NA	
Phenanthrene	UG/KG	ND	370	NA		NA		NA	
Pyrene	UG/KG	ND	370	NA		NA		NA	
Naphthalene	UG/KG	ND	370	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	84	50-200	NA		NA		NA	
Naphthalene-D8	%	84	50-200	NA		NA		NA	
Acenaphthene-D10	%	82	50-200	NA		NA		NA	
Phenanthrene-D10	%	77	50-200	NA		NA		NA	
Chrysene-D12	%	79	50-200	NA		NA		NA	
Perylene-D12	%	83	50-200	NA		NA		NA	
Nitrobenzene-D5	%	79	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	86	45-120	NA		NA		NA	
p-Terphenyl-d14	%	100	54-135	NA		NA		NA	
Phenol-D5	%	74	40-120	NA		NA		NA	
2-Fluorophenol	%	66	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	98	46-129	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:38:49

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Lab ID Sample Date		EXC WALL 11-12/15-16 A06-A010 A6A01001 08/22/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	19	NA		NA		NA	
Aroclor 1221	UG/KG	ND	19	NA		NA		NA	
Aroclor 1232	UG/KG	ND	19	NA		NA		NA	
Aroclor 1242	UG/KG	ND	19	NA		NA		NA	
Aroclor 1248	UG/KG	ND	19	NA		NA		NA	
Aroclor 1254	UG/KG	ND	19	NA		NA		NA	
Aroclor 1260	UG/KG	ND	19	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	78	32-148	NA		NA		NA	
Decachlorobiphenyl	%	121	36-153	NA		NA		NA	

12/46

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:38:49

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Lab ID Sample Date		CENTER 4FT DEEP EXC A06-A001 A6A00101 08/31/2006							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1221	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1232	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1242	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1248	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1254	UG/L	ND	1.2	NA		NA		NA	
Aroclor 1260	UG/L	ND	1.2	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	116	36-132	NA		NA		NA	
Decachlorobiphenyl	%	88	28-132	NA		NA		NA	

13/46

NA = Not Applicable ND = Not Detected

STL Buffalo

Batch Quality Control Data

Date: 11/09/2006 14:36:48
Batch No: A6B25594

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A6995101 A6995101MS A6995101SD

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Concentration Spike Duplicate	Spike Amount MS	Spike Amount MSD	% Recovery MS	% Recovery MSD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8270-HSL POLYNUCLEAR AROMATIC HYD												
Acenaphthene	UG/KG	0	2889	2625	3501	3546	82	74	78	10	16.0	48-120
Pyrene	UG/KG	0	2877	2674	3501	3546	82	75	79	9	25.0	41-138

15/46

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Date: 11/09/2006 14:36:48
Batch No: A6B25634

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A6A05001 A6A05001MS A6A05001SD

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Concentration Spike Duplicate	Spike Amount MS	Spike Amount MSD	% Recovery MS	% Recovery MSD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
MERCURY ANALYSIS TOTAL MERCURY	MG/KG	0.0224	0.382	0.388	0.384	0.392	94	93	94	1	20.0	80-120

16/46

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Date: 11/09/2006
Time: 14:39:03

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - STARS LIST

Rept: AN1246

Client ID		VBLK87							
Job No	Lab ID	A06-A001	A6B2561802						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	1	NA		NA		NA	
Ethylbenzene	UG/L	ND	1	NA		NA		NA	
Toluene	UG/L	ND	1	NA		NA		NA	
o-Xylene	UG/L	ND	1	NA		NA		NA	
m/p-Xylenes	UG/L	ND	2	NA		NA		NA	
Total Xylenes	UG/L	ND	3	NA		NA		NA	
Isopropylbenzene	UG/L	ND	1	NA		NA		NA	
n-Propylbenzene	UG/L	ND	1	NA		NA		NA	
p-Cymene	UG/L	ND	1	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	NA		NA		NA	
n-Butylbenzene	UG/L	ND	1	NA		NA		NA	
sec-Butylbenzene	UG/L	ND	1	NA		NA		NA	
tert-Butylbenzene	UG/L	ND	1	NA		NA		NA	
Naphthalene	UG/L	ND	1	NA		NA		NA	
==========IS/SURROGATE(S)==========									
Chlorobenzene-D5	%	94	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	98	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	90	50-200	NA		NA		NA	
Toluene-D8	%	96	76-122	NA		NA		NA	
p-Bromofluorobenzene	%	94	73-120	NA		NA		NA	
1,2-Dichloroethane-D4	%	101	72-143	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - VOLATILE ORGANICS

Client ID Job No Lab ID Sample Date		VBLK95 A06-A010 A6B2587202							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/KG	ND	5.0	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
Toluene	UG/KG	9.1	5.0	NA		NA		NA	
o-Xylene	UG/KG	ND	5.0	NA		NA		NA	
m/p-Xylenes	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5.0	NA		NA		NA	
n-Propylbenzene	UG/KG	ND	5.0	NA		NA		NA	
p-Cymene	UG/KG	ND	5.0	NA		NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	5.0	NA		NA		NA	
n-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
sec-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
tert-Butylbenzene	UG/KG	ND	5.0	NA		NA		NA	
Naphthalene	UG/KG	ND	5.0	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5.0	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	99	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	99	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	93	50-200	NA		NA		NA	
Toluene-D8	%	97	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	92	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	90	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Sample Date	Lab ID	VBLK92 A06-A010	A6B2590302						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	25	NA		NA		NA	
Benzene	UG/KG	ND	5	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	5	NA		NA		NA	
Bromoform	UG/KG	ND	5	NA		NA		NA	
Bromomethane	UG/KG	ND	5	NA		NA		NA	
2-Butanone	UG/KG	ND	25	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	5	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	5	NA		NA		NA	
Chlorobenzene	UG/KG	ND	5	NA		NA		NA	
Chloroethane	UG/KG	ND	5	NA		NA		NA	
Chloroform	UG/KG	ND	5	NA		NA		NA	
Chloromethane	UG/KG	ND	5	NA		NA		NA	
Cyclohexane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromoethane	UG/KG	ND	5	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	5	NA		NA		NA	
Dichlorodifluoromethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	5	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	5	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	5	NA		NA		NA	
Ethylbenzene	UG/KG	ND	5	NA		NA		NA	
2-Hexanone	UG/KG	ND	25	NA		NA		NA	
Isopropylbenzene	UG/KG	ND	5	NA		NA		NA	
Methyl acetate	UG/KG	ND	5	NA		NA		NA	
Methylcyclohexane	UG/KG	ND	5	NA		NA		NA	
Methylene chloride	UG/KG	4 J	5	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	25	NA		NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	NA		NA		NA	
Styrene	UG/KG	ND	5	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	5	NA		NA		NA	
Toluene	UG/KG	ND	5	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	5	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	5	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	5	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8260 - TCL VOLATILE ORGANICS

Client ID Job No Lab ID Sample Date		VBLK92 A06-A010 A6B2590302							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	NA		NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	NA		NA		NA	
Trichloroethene	UG/KG	ND	5	NA		NA		NA	
Vinyl chloride	UG/KG	ND	10	NA		NA		NA	
Total Xylenes	UG/KG	ND	15	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	103	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	103	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	100	50-200	NA		NA		NA	
Toluene-D8	%	111	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	114	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	129	61-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client ID		SBLK							
Job No	Lab ID	A06-A008	A6B2552702						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Anthracene	UG/L	ND	10	NA		NA		NA	
Fluorene	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	10	NA		NA		NA	
Pyrene	UG/L	ND	10	NA		NA		NA	
Acenaphthene	UG/L	ND	10	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	10	NA		NA		NA	
Fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	10	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	10	NA		NA		NA	
Chrysene	UG/L	ND	10	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	10	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	10	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	10	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	10	NA		NA		NA	
Naphthalene	UG/L	ND	10	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	91	50-200	NA		NA		NA	
Naphthalene-D8	%	92	50-200	NA		NA		NA	
Acenaphthene-D10	%	91	50-200	NA		NA		NA	
Phenanthrene-D10	%	88	50-200	NA		NA		NA	
Chrysene-D12	%	88	50-200	NA		NA		NA	
Perylene-D12	%	89	50-200	NA		NA		NA	
Nitrobenzene-D5	%	71	46-120	NA		NA		NA	
2-Fluorobiphenyl	%	74	44-120	NA		NA		NA	
p-Terphenyl-d14	%	87	23-143	NA		NA		NA	
Phenol-D5	%	26	10-120	NA		NA		NA	
2-Fluorophenol	%	35	20-120	NA		NA		NA	
2,4,6-Tribromophenol	%	90	59-136	NA		NA		NA	

NA = Not Applicable ND = Not Detected

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - STARS LIST

Client ID Job No Sample Date	Lab ID	SBLK A06-A010	A6B2559402						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	320	NA		NA		NA	
Anthracene	UG/KG	ND	320	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	320	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	320	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	320	NA		NA		NA	
Chrysene	UG/KG	ND	320	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	320	NA		NA		NA	
Fluoranthene	UG/KG	ND	320	NA		NA		NA	
Fluorene	UG/KG	ND	320	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	320	NA		NA		NA	
Phenanthrene	UG/KG	ND	320	NA		NA		NA	
Pyrene	UG/KG	ND	320	NA		NA		NA	
Naphthalene	UG/KG	ND	320	NA		NA		NA	
==IS/SURROGATE(S)==									
1,4-Dichlorobenzene-D4	%	73	50-200	NA		NA		NA	
Naphthalene-D8	%	74	50-200	NA		NA		NA	
Acenaphthene-D10	%	72	50-200	NA		NA		NA	
Phenanthrene-D10	%	70	50-200	NA		NA		NA	
Chrysene-D12	%	71	50-200	NA		NA		NA	
Perylene-D12	%	72	50-200	NA		NA		NA	
Nitrobenzene-D5	%	98	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	105	45-120	NA		NA		NA	
p-Terphenyl-d14	%	116	54-135	NA		NA		NA	
Phenol-D5	%	94	40-120	NA		NA		NA	
2-Fluorophenol	%	83	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	114	46-129	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 11/09/2006
Time: 14:39:17

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	SBLK A06-A010	A6B2559402						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	320	NA		NA		NA	
Acenaphthylene	UG/KG	ND	320	NA		NA		NA	
Acetophenone	UG/KG	ND	320	NA		NA		NA	
Anthracene	UG/KG	ND	320	NA		NA		NA	
Atrazine	UG/KG	ND	320	NA		NA		NA	
Benzaldehyde	UG/KG	ND	320	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	320	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	320	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	320	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	320	NA		NA		NA	
Biphenyl	UG/KG	ND	320	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/KG	ND	320	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/KG	ND	320	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	320	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/KG	ND	320	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/KG	ND	320	NA		NA		NA	
Butyl benzyl phthalate	UG/KG	ND	320	NA		NA		NA	
Caprolactam	UG/KG	ND	320	NA		NA		NA	
4-Chloroaniline	UG/KG	ND	320	NA		NA		NA	
4-Chloro-3-methylphenol	UG/KG	ND	320	NA		NA		NA	
2-Chloronaphthalene	UG/KG	ND	320	NA		NA		NA	
2-Chlorophenol	UG/KG	ND	320	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/KG	ND	320	NA		NA		NA	
Carbazole	UG/KG	ND	320	NA		NA		NA	
Chrysene	UG/KG	ND	320	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	320	NA		NA		NA	
Dibenzofuran	UG/KG	ND	320	NA		NA		NA	
Di-n-butyl phthalate	UG/KG	ND	320	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/KG	ND	1600	NA		NA		NA	
2,4-Dichlorophenol	UG/KG	ND	320	NA		NA		NA	
Diethyl phthalate	UG/KG	ND	320	NA		NA		NA	
2,4-Dimethylphenol	UG/KG	ND	320	NA		NA		NA	
Dimethyl phthalate	UG/KG	ND	320	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/KG	ND	1600	NA		NA		NA	
2,4-Dinitrophenol	UG/KG	ND	1600	NA		NA		NA	
2,4-Dinitrotoluene	UG/KG	ND	320	NA		NA		NA	
2,6-Dinitrotoluene	UG/KG	ND	320	NA		NA		NA	
Di-n-octyl phthalate	UG/KG	ND	320	NA		NA		NA	
Fluoranthene	UG/KG	ND	320	NA		NA		NA	
Fluorene	UG/KG	ND	320	NA		NA		NA	
Hexachlorobenzene	UG/KG	ND	320	NA		NA		NA	
Hexachlorobutadiene	UG/KG	ND	320	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client ID		SBLK							
Job No	Lab ID	A06-A010	A6B2559402						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachlorocyclopentadiene	UG/KG	ND	320	NA		NA		NA	
Hexachloroethane	UG/KG	ND	320	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	320	NA		NA		NA	
Isophorone	UG/KG	ND	320	NA		NA		NA	
2-Methylnaphthalene	UG/KG	ND	320	NA		NA		NA	
2-Methylphenol	UG/KG	ND	320	NA		NA		NA	
4-Methylphenol	UG/KG	ND	320	NA		NA		NA	
Naphthalene	UG/KG	ND	320	NA		NA		NA	
2-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	
3-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	
4-Nitroaniline	UG/KG	ND	1600	NA		NA		NA	
Nitrobenzene	UG/KG	ND	320	NA		NA		NA	
2-Nitrophenol	UG/KG	ND	320	NA		NA		NA	
4-Nitrophenol	UG/KG	ND	1600	NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	ND	320	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	ND	320	NA		NA		NA	
Pentachlorophenol	UG/KG	ND	1600	NA		NA		NA	
Phenanthrene	UG/KG	ND	320	NA		NA		NA	
Phenol	UG/KG	ND	320	NA		NA		NA	
Pyrene	UG/KG	ND	320	NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	ND	780	NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	ND	320	NA		NA		NA	
==========IS/SURROGATE(S)==========									
1,4-Dichlorobenzene-D4	%	73	50-200	NA		NA		NA	
Naphthalene-D8	%	74	50-200	NA		NA		NA	
Acenaphthene-D10	%	72	50-200	NA		NA		NA	
Phenanthrene-D10	%	70	50-200	NA		NA		NA	
Chrysene-D12	%	71	50-200	NA		NA		NA	
Perylene-D12	%	72	50-200	NA		NA		NA	
Nitrobenzene-D5	%	98	35-120	NA		NA		NA	
2-Fluorobiphenyl	%	105	45-120	NA		NA		NA	
p-Terphenyl-d14	%	116	54-135	NA		NA		NA	
Phenol-D5	%	94	40-120	NA		NA		NA	
2-Fluorophenol	%	83	30-120	NA		NA		NA	
2,4,6-Tribromophenol	%	114	46-129	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 11/09/2006
Time: 14:39:22

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Lab ID Sample Date		Method Blank A06-A010 A6B2555802							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	16	NA		NA		NA	
Aroclor 1221	UG/KG	ND	16	NA		NA		NA	
Aroclor 1232	UG/KG	ND	16	NA		NA		NA	
Aroclor 1242	UG/KG	ND	16	NA		NA		NA	
Aroclor 1248	UG/KG	ND	16	NA		NA		NA	
Aroclor 1254	UG/KG	ND	16	NA		NA		NA	
Aroclor 1260	UG/KG	ND	16	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	90	32-148	NA		NA		NA	
Decachlorobiphenyl	%	122	36-153	NA		NA		NA	

26/46

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:39:22

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A001	A6B2554703						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	106	36-132	NA		NA		NA	
Decachlorobiphenyl	%	78	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 11/09/2006
Time: 14:39:24

GZA Geo Environmentalof New York -
Special Metals - Dunkirk, NY
TOTAL RCRA METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A06-A010	A6B2558302	Method Blank A06-A010	A6B2563402				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/KG	ND	2.0	NA		NA		NA	
Silver - Total	MG/KG	ND	0.50	NA		NA		NA	
Cadmium - Total	MG/KG	ND	0.20	NA		NA		NA	
Barium - Total	MG/KG	ND	0.50	NA		NA		NA	
Chromium - Total	MG/KG	ND	0.50	NA		NA		NA	
Lead - Total	MG/KG	ND	1.0	NA		NA		NA	
Mercury - Total	MG/KG	NA		ND	0.020	NA		NA	
Selenium - Total	MG/KG	ND	4.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

SDG: 0806SE
Client Sample ID: VBLK87 MSB87
Lab Sample ID: A6B2561802 A6B2561801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - STARS LIST					
Benzene	UG/L	23.7	25.0	95	71-124
n-Butylbenzene	UG/L	24.2	25.0	97	71-128
sec-Butylbenzene	UG/L	25.3	25.0	101	74-127
tert-Butylbenzene	UG/L	24.2	25.0	97	75-123
Ethylbenzene	UG/L	24.0	25.0	96	77-123
Isopropylbenzene	UG/L	22.4	25.0	90	77-122
p-Cymene	UG/L	23.4	25.0	94	73-120
Naphthalene	UG/L	25.4	25.0	102	54-140
n-Propylbenzene	UG/L	23.4	25.0	94	77-119
Toluene	UG/L	23.3	25.0	93	70-122
1,2,4-Trimethylbenzene	UG/L	24.5	25.0	98	76-121
1,3,5-Trimethylbenzene	UG/L	24.6	25.0	98	77-121
Total Xylenes	UG/L	74.0	75.0	99	76-122
o-Xylene	UG/L	24.9	25.0	100	76-122
m/p-Xylenes	UG/L	49.1	50.0	98	76-122

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: VBLK92 MSB92
Lab Sample ID: A6B2590302 A6B2590301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/KG	49.1	50.0	98	65-146
Trichloroethene	UG/KG	52.1	50.0	104	74-127
Benzene	UG/KG	47.0	50.0	94	74-128
Toluene	UG/KG	45.2	50.0	90	74-123
Chlorobenzene	UG/KG	51.9	50.0	104	76-124

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: VBLK95 MSB95
Lab Sample ID: A6B2587202 A6B2587201

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - VOLATILE ORGANICS					
Benzene	UG/KG	47.2	50.0	94	79-127
n-Butylbenzene	UG/KG	47.6	50.0	95	70-120
sec-Butylbenzene	UG/KG	51.1	50.0	102	74-118
tert-Butylbenzene	UG/KG	47.1	50.0	94	73-120
Ethylbenzene	UG/KG	48.0	50.0	96	80-117
Isopropylbenzene	UG/KG	44.0	50.0	88	72-119
p-Cymene	UG/KG	46.2	50.0	92	74-114
Naphthalene	UG/KG	45.8	50.0	92	38-137
n-Propylbenzene	UG/KG	48.0	50.0	96	70-130
Toluene	UG/KG	45.2	50.0	72 *	74-128
1,2,4-Trimethylbenzene	UG/KG	48.2	50.0	96	74-117
1,3,5-Trimethylbenzene	UG/KG	47.5	50.0	95	74-118
Total Xylenes	UG/KG	141	150	94	81-118
Methyl-t-Butyl Ether (MTBE)	UG/KG	52.0	50.0	104	63-125
o-Xylene	UG/KG	47.1	50.0	94	70-130
m/p-Xylenes	UG/KG	94.2	100	94	70-130

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A6B2552702 A6B2552701

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8270 - STARS BASE NEUTRAL COMPOUN					
Acenaphthene	UG/L	64.6	100	65	57-120
Pyrene	UG/L	82.2	100	82	58-136

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A6B2559402 A6B2559401

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8270 - STARS LIST					
Acenaphthene	UG/KG	2610	3275	80	48-120
Pyrene	UG/KG	2859	3275	87	41-138
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS					
Phenol	UG/KG	1936	3275	59	34-120
2-Chlorophenol	UG/KG	1944	3275	59	37-120
N-Nitroso-Di-n-propylamine	UG/KG	2207	3275	67	46-120
4-Chloro-3-methylphenol	UG/KG	2722	3275	83	50-120
Acenaphthene	UG/KG	2610	3275	80	48-120
4-Nitrophenol	UG/KG	3242	3275	99	35-132
2,4-Dinitrotoluene	UG/KG	2877	3275	88	38-122
Pentachlorophenol	UG/KG	2791	3275	85	40-128
Pyrene	UG/KG	2859	3275	87	41-138

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: EXC WALL 11-12/15-16 EXC WALL 11-12/15-16 EXC WALL 11-12/15-16
Lab Sample ID: A6A01001 A6A01001MS A6A01001SD

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Concentration Spike Duplicate	Spike Amount MS	Spike Amount MSD	% Recovery MS	% Recovery MSD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS												
Aroclor 1260	UG/KG	0	196	194	187	187	105	104	105	1	50.0	41-139
Aroclor 1016	UG/KG	0	140	134	187	187	75	72	74	4	50.0	39-131

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: O806SE

Client Sample ID:	Method Blank	Matrix Spike Blank	Matrix Spike Blk Dup
Lab Sample ID:	A6B2554703	A6B2554701	A6B2554702

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS											
Aroclor 1260	UG/L	4.29	4.04	5.00	5.00	86	81	84	6	50.0	50-122
Aroclor 1016	UG/L	5.72	5.41	5.00	5.00	114	108	111	5	50.0	29-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A6B2555802 A6B2555801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS					
Aroclor 1260	UG/KG	171	161	106	41-139
Aroclor 1016	UG/KG	135	161	84	39-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: Method Blank LCS CLP Soils
Lab Sample ID: A6B2558302 A6B2558301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL RCRA METALS					
TOTAL ARSENIC	MG/KG	172.5	197.0	88	80-120
TOTAL BARIUM	MG/KG	567.6	645.0	88	80-120
TOTAL CADMIUM	MG/KG	76.12	77.30	98	80-120
TOTAL CHROMIUM	MG/KG	113.0	129.0	88	80-120
TOTAL LEAD	MG/KG	92.94	106.0	88	80-120
TOTAL SELENIUM	MG/KG	96.65	104.0	93	80-120
TOTAL SILVER	MG/KG	126.5	155.0	82	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: 0806SE
Client Sample ID: Method Blank LCS
Lab Sample ID: A6B2563402 A6B2563401

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL RCRA METALS					
TOTAL MERCURY	MG/KG	2.75	2.80	98	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	CENTER 4FT DEEP EXC A06-A001 A6A00101	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date	08/31/2006 07:15				
Received Date	08/31/2006 11:21				
Extraction Date					
Analysis Date	09/01/2006 00:06				
Extraction HT Met?	-	NA			
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

METHOD 8260 - VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	CENTER 4FT DEEP EXC A06-A001 A6A00101	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date		08/22/2006			
Received Date		08/31/2006 11:21			
Extraction Date					
Analysis Date		09/02/2006 15:34			
Extraction HT Met?	NA	-			
Analytical HT Met?		YES			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		5.0 GRAMS			
% Dry		88.65			

39/46

NA = Not Applicable

METHOD 8260 - STARS LIST

Client Sample ID Job No & Lab Sample ID	VBLK87 A06-A001 A6B2561802	VBLK92 A06-A010 A6B2590302	VBLK95 A06-A010 A6B2587202		
Sample Date					
Received Date					
Extraction Date					
Analysis Date	08/31/2006 23:05				
Extraction HT Met?	-	NA	NA		
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

METHOD 8260 - VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK87 A06-A001 A6B2561802	VBLK92 A06-A010 A6B2590302	VBLK95 A06-A010 A6B2587202		
Sample Date					
Received Date					
Extraction Date					
Analysis Date			09/02/2006 13:12		
Extraction HT Met?	NA	NA	-		
Analytical HT Met?			-		
Sample Matrix			SOIL LOW		
Dilution Factor			1.0		
Sample wt/vol			5.0 GRAMS		
% Dry			100.00		

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK87 A06-A001 A6B2561802	VBLK92 A06-A010 A6B2590302	VBLK95 A06-A010 A6B2587202		
Sample Date					
Received Date					
Extraction Date					
Analysis Date		09/07/2006 11:45			
Extraction HT Met?	NA	-	NA		
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		5.0 GRAMS			
% Dry		100.00			

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NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	CENTER 4 FT DEEP EXC A06-A008 A6A00801	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date	08/31/2006 07:15				
Received Date	08/31/2006 11:21				
Extraction Date	08/31/2006 07:00				
Analysis Date	09/05/2006 10:10				
Extraction HT Met?	YES	NA			
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.41 LITERS				
% Dry					

METHOD 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	CENTER 4 FT DEEP EXC A06-A008 A6A00801	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date		08/22/2006			
Received Date		08/31/2006 11:21			
Extraction Date		09/01/2006 14:00			
Analysis Date		09/05/2006 12:39			
Extraction HT Met?	NA	YES			
Analytical HT Met?		YES			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.16 GRAMS			
% Dry		88.65			

41/46

NA = Not Applicable

METHOD 8270 - STARS BASE NEUTRAL COMPOUNDS

Client Sample ID Job No & Lab Sample ID	SBLK A06-A008 A6B2552702	SBLK A06-A010 A6B2559402			
Sample Date					
Received Date					
Extraction Date	08/31/2006 07:00				
Analysis Date	09/05/2006 09:46				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

METHOD 8270 - STARS LIST

Client Sample ID Job No & Lab Sample ID	SBLK A06-A008 A6B2552702	SBLK A06-A010 A6B2559402			
Sample Date					
Received Date					
Extraction Date		09/01/2006 14:00			
Analysis Date		09/05/2006 12:14			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.9 GRAMS			
% Dry		100.00			

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	SBLK A06-A008 A6B2552702	SBLK A06-A010 A6B2559402			
Sample Date					
Received Date					
Extraction Date		09/01/2006 14:00			
Analysis Date		09/05/2006 12:14			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.9 GRAMS			
% Dry		100.00			

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	CENTER 4FT DEEP EXC A06-A001 A6A00101	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date		08/22/2006			
Received Date		08/31/2006 11:21			
Extraction Date		08/31/2006 14:00			
Analysis Date		09/01/2006 12:29			
Extraction HT Met?	NA	YES			
Analytical HT Met?		YES			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.19 GRAMS			
% Dry		88.65			

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	CENTER 4FT DEEP EXC A06-A001 A6A00101	EXC WALL 11-12/15-16 A06-A010 A6A01001			
Sample Date	08/31/2006 07:15				
Received Date	08/31/2006 11:21				
Extraction Date	08/31/2006 10:00				
Analysis Date	08/31/2006 18:30				
Extraction HT Met?	YES	NA			
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.4 LITERS				
% Dry					

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NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-A001 A6B2554703	Method Blank A06-A010 A6B2555802			
Sample Date					
Received Date					
Extraction Date		08/31/2006 14:00			
Analysis Date		09/01/2006 12:15			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		SOIL LOW			
Dilution Factor		1.0			
Sample wt/vol		30.54 GRAMS			
% Dry		100.00			

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A06-A001 A6B2554703	Method Blank A06-A010 A6B2555802			
Sample Date					
Received Date					
Extraction Date	08/31/2006 07:00				
Analysis Date	08/31/2006 19:17				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

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NA = Not Applicable

G Z A GEOENVIRONMENTAL OF NEW YORK
SPECIAL METALS - DUNKIRK, NY
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A6B2558302	Method Blank	RECNY	Arsenic - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	100.00	0.497 g	-	-	09/01 17:09	TWS	Y	SOIL
A6B2563402	Method Blank	RECNY	Mercury - Total	7471	1.0	100.00	0.5843 g	-	-	09/01 17:01	MM	Y	SOIL

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AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Lab Returns to Proj. Mgr. GOLDENROD COPY - Proj. Mgr. Keeps

CHAIN-OF-CUSTODY RECORD

W.O. #_____ (for lab use only)

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	WW ONLY: 624	☐ 601 ☐ 602	625	☐ 524.2 ☐ 502.1	8260 STARS	8260 - Full List	8270 STARS	8021 - *8010* List	8021 - *8020* List	8270 ☐ PAH (MAPBN)	8081 Pest Only	TPH-GC (Mod 8100)	ETPH (CT)	Metals ☐ PPM-13 (MR-8)	Metals (List Below)	PCB 8082									Total # of Cont.	Note #
Center 4ft deep Excavation	8/31/06 715	GW					X		X									X									4	1
Excavation Wall 1H2/15/16	8/22/06	S					X		X									X									1	2
Electric Trench #1	8/30/06	S						X				X				X		X									3	2
Electric Trench #2	8/30/06	S						X				X				X		X									2	2/3

PRESERVATIVE (Cl - HCl, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Baron	8/31/06	Drop at Severn Trent
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	8/31/06 1121	D. C
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Preservatives, special reporting limits, known contamination, etc.

(1) VOC/PCB - 24hr TAT ; SVOC Results due 9/5
(2) 3 day TAT; Results due 9/6/06
(3) Call regarding sample volume; Chris Baron 570-5990
Please email results to: cbaron@gza.com rdifondi@specialmetals.com

PROJECT MANAGER: Chris Baron EXT: 3309

TURNAROUND TIME: Standard (Rush) ___ Days, Approved by _____ LAB USE TEMP. OF COOLER _____ °C

GZA GEOENVIRONMENTAL, INC.

~~LABORATORY~~ 364 Nagel Drive
~~100 South St~~ Buffalo NY 14225
~~Hopkinton, MA 01748~~
~~(508) 435-6244~~ 716 685-2300
~~FAX (508) 435-9912~~
716 685-3629 (fax)
716 570-5990 (cell)

12.6°C

GZA FILE NO: 21.0056196.10 P.O. NO. _____

PROJECT Special Metals

LOCATION Dunkirk NY

COLLECTOR(S) CZB, BSD SHEET 1 OF 1

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GZAP-032

APPENDIX C

NYSDEC SOIL REUSE LETTER

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

Denise M. Sheehan
Commissioner

November 14, 2006

Mr. Robert DiFondi
Special Metals Corporation
4317 Middle Settlement Road
New Hartford, New York 13413-5392

Special Metals
Willowbrook Avenue, Dunkirk Facility
Soil Pile Management

Dear Mr. DiFondi:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed your November 2, 2006 e-mail communication regarding the proposed reuse of soil from the "suspected contaminated soil" (SCS) pile at the Special Metals Dunkirk facility. Your proposal consisted of backfilling excavations resulting from the planned removal of PCB contaminated soils above TAGM level of 10 ppm total PCBs discovered at the plant during the course of the plant upgrade/expansion project with soil from the SCS pile. Your proposal to reuse soil from the SCS pile appears to be in accordance with 6 NYCRR Part 360 pre-defined Beneficial Use Determination [360-1.5(b)(8)], as determined by the NYSDEC Division of Solid and Hazardous Waste, for the use of non-hazardous contaminated soil which has been excavated as part of a construction project and will be used as backfill for excavations containing similar contaminants at the same site.

Based upon your e-mail communication, it is the NYSDEC's understanding that approximately 800 cubic yards of soil from the SCS pile will be used as backfill around the utility trench/plant entrance/yard area following the removal of PCB impacted soils that are above the TAGM 4046 level of 10 ppm total PCBs for industrial sites. It is further understood that the backfill area will be covered with asphalt paving in the area that also serves as plant entrance and yard area. Hopefully all of the SCS soils can be used as backfill in the proposed area. If there is a surplus of the SCS, please let us know how this material will be managed. If there are surplus soils that would remain on-site and is incorporated into the berm, a non-contaminated cover soil layer approximately 2 feet thick over this material is recommended. In constructing the berm, the berm should be in compliance with local permits and/or requirements.

As discussed in our previous meeting, Special Metals must be aware of the federal Toxic Substance Control Act (TSCA) rules regarding the management of PCB impacted material. It is

suggested that you ensure that these proposed actions are in accordance with TSCA. Questions on TSCA can be referred to USEPA at **http://www.epa.gov/pcb/pubs/guidance.html**

Because low levels of PCBs will be interred in the trench/yard area (or berm), implementing typical best management practices in the state's Brownfield program including an Environmental Easement (EE) along with a Site Management Plan (SMP) is recommended. These are measures to ensure proper risk and soil management practices are implemented when future invasive activities occurs in these areas containing known levels of contaminants that can pose safety and environmental risks if not properly managed. Additionally, the EE and SMP ensures that appropriate maintenance practices and frequencies are followed to assure that the protective measures are adequately maintained and in adequate functional condition.

The demolished concrete can be used as fill in the berm as this material is exempt from the Part 360 solid waste regulations in this situation, provide that it is not contaminated in any way.

If you have any questions regarding the above, please feel free to contact me. Thank you for keeping us posted on the progress at the site.

Very truly yours,

Eugene W. Melnyk

Eugene W. Melnyk, PE
Remediation Engineer

cc: Mr. M. Doster/NYSDEC
Ms. E. Forget/NYSDEC
C. Boron/GZA

APPENDIX D

OIL PRODUCT DISPOSAL DOCUMENTATION

(G)

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD057982993
Manifest Doc. No. 26001
2. Page 1 of 1
00000 91015

GENERATOR

3. Generator's Name and Mailing Address
Special Metals Corp.
100 Willowbrook Avenue
Dunkirk, NY 14048
4. Generator's Phone (315) 525-4340

5. Transporter 1 Company Name
Frank's Vacuum Truck Service
6. US EPA ID Number NYD982792814
A. Transporter's Phone 716 284-2132

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
CWM Chemical Services, LLC
1550 Balmer Road, PO Box 200
Model City NY 14107
10. US EPA ID Number NYD049836679
C. Facility's Phone 716 754-8231

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. USDOT Non-regulated liquid (Oil) -09	003	DM	EST 60700	P
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
1) (L)

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
1)VC1730 Non-TSCA Oil, WTS#22439, SR# 812978
81609399

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Bob DiFondi
Signature Bob DiFondi
Month Day Year 10 10 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name RJ Henderson
Signature
Month Day Year 10 10 06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Richard DiFrazio
Signature Richard DiFrazio
Month Day Year 10 11 06

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

WASTE MANAGEMENT

GENERATOR'S WASTE PROFILE SHEET

KSW

PLEASE PRINT IN INK OR TYPE

Service Agreement on File? ☒ YES ☐ NO

☐ Hazardous ☒ Non-Hazardous ☐ TSCA

Profile Number: VC1730

Renewal Date: / /

A. Waste Generator Information

1. Generator Name: Special Metals Corp.
2. SIC Code: 3313
3. Facility Street Address: Middle Settlement Road
4. Phone: (315) 798-6825
5. Facility City: New Hartford
6. State/Province: NY
7. Zip/Postal Code: 13492
8. Generator USEPA/Federal ID #: NYD 002 241 669
9. County: Oneida
10. State/Province ID#: n/a
11. Customer Name: Waste Technology Services, Inc
12. Customer Phone: (716) 754-5400
13. Customer Contact: Dean F. Cattieu
14. Customer Fax: (716) 754-8001
15. Billing Address 435 North 2nd Street, Lewiston, NY 14092 ☐ Same as above

B. Waste Stream Information

1. Description

a. Name of Waste: Non-TSCA PCB oil WTS# 24146

b. Process Generating Waste: Clean up of oil spill

PCB's are from a non-TSCA source

c. Color	d. Strong odor (describe):	e. Physical state @ 70 F	f. Layers	g. Free liquid range
brown		☐ Solid ☒ Liquid ☐ Gas ☐ Sludge ☐ Other	☒ Single Layer ☐ multi-layer	98 to 100 %
	oil			h. pH: Range 6 to 9 %

i. Liquid Flash Point: ☐ <73 F ☐ 73-99 F ☐ 100-139 F ☐ 140-199 F ☒ z 200 F ☐ Not applicable

j. Chemical Composition (List all constituents (including halogenated organics, debris, and UHC's) present in any concentration and submit representative analysis):

Constituents	Concentration Range	Constituents	Concentration Range
oil	99-100%		
Arachlor 1242	6.6 ppm		
Soil/Sediment	~1-2%		

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

k. ☐ Oxidizer ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐ Carcinogen ☐ Infectious ☐ Shock Sensitive ☐ Water Reactive

l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j) ☐ YES ☒ NO

m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j) ☐ YES ☒ NO

n. Does the waste represented by this profile contain asbestos? ☐ YES ☒ NO

If yes ☐ friable ☐ non-friable

o. Does the waste represented by this profile contain benzene? ☐ YES ☒ NO

If yes, concentration _____ ppm

Is the waste subject to the benzene waste operations NESHAP? ☐ YES ☒ NO

p. Is the waste subject to RCRA Subpart CC controls? ☐ YES ☒ NO

If no, does the waste meet the organic LDR Exemption? ☐ YES ☒ NO

If no, does the waste contain <500 ppmw volatile organic (VO)? ☐ YES ☒ NO

Volatile organic concentration 0 ppmw

q. Does the waste contain any Class I or Class II ozone-depleting substances? ☐ YES ☒ NO

r. Does the waste contain debris? (list in Section B.1.j) ☐ YES ☒ NO

s. Is the waste subject to controls as a Group 1 wastewater or residual under the HON? ☐ YES ☒ NO

If yes, is it a Table 8 _____ or Table 9 _____ compound?

2. Quantity of Waste

Estimated Annual Volume 2-5 ☐ Tons ☐ Yards ☒ Drums ☐ Other (specify) _____

3. Shipping Information

a. Packaging:

☐ Bulk Solid; Type/Size: _____

☒ Drum; Type; Size: 55 DM

☐ Bulk Liquid; Type/Size: _____

☐ Other: _____

WASTE MANAGEMENT

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

VC1730

WTS# 24146

b. Shipping Frequency: Units 2-5 Per: ☐ Month ☐ Quarter ☐ Year ☒ One time ☐ Other

c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e, and f) ☐ YES ☒ NO

d. Reportable Quantity (lbs.; kgs.): n/a e. Hazard Class/ID #, n/a

f. USDOT Shipping Name: US DOT Non-regulated material

g. Personal Protective Equipment Requirements: Level D

h. Transporter/Transfer Station: TBD

C. Generator's Certification (Please check appropriate responses, sign, and date below.)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2 ☐ YES ☒ NO
   a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U) _____
   b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section B.1.j) _____ ☐ YES ☐ NO
   c. Does this waste contain debris? (if yes, list size and type in Chemical Composition - B.1.) _____ ☐ YES ☐ NO

2. Is this a state hazardous waste? ☐ YES ☒ NO
   Identify ALL state hazardous waste codes _____

3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? ☐ YES ☒ NO
   If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up activity. For state mandated clean-up provide relevant documentation.

4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? ☐ YES ☒ NO

5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 761 ? (if yes, list in Chemical Composition - B.1.j) ☐ YES ☒ NO
   a. If yes, were the PCBs imported into the U.S.? ☐ YES ☒ NO

6. Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? ☐ YES ☒ NO

7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? ☐ YES ☒ NO

☐ Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Robert DiFondi Title: _____

Name (Type or Print): Robert DiFondi Company Name: Special Metals Corp. Date: 9/13/06

☐ Check if additional information is attached. Indicate the number of attached pages 2

D. WM Management's Decision — FOR WM USE ONLY

1. Management Method ☐ Landfill ☐ Non-hazardous Solidification ☐ Bioremediation ☐ Incineration ☐ Hazardous Stabilization ☐ Other (Specify) _____
2. Proposed Ultimate Management Facility: _____
3. Precautions, Special Handling Procedures, or Limitation on Approval: _____
4. Waste Form _____ 5. Source _____ 6. System Type _____

Special Waste Decision ☐ Approved ☐ Disapproved

Salesperson's Signature: _____ Date: _____

Division Approval Signature (Optional): _____ Date: _____

Special Waste Approvals Person Signature: _____ Date: _____

Form WMI-4153 (05/99)

Chain of Custody Record

STL-4124 (0901)

STL Severn Trent Laboratories, Inc.

Client: SPECIAL METALS	Project Manager: Bob DiFondi	Date:	Chain of Custody Number: 296679
Address:	Telephone Number (Area Code)/Fax Number:	Lab Number:	Page 1 of 1
City / State / Zip Code	Site Contact	Lab Contact	
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sediment	Soil	Oil	Unpres.	HCl/Ch	HNO3	HCl	NaOH	ZnAc/NaOH	PCB											Special Instructions/ Conditions of Receipt
NORTH WALL	8/24	1:00				X	X							X											
OIL FROM SPILL #1	8/24	1:30					X							X											

Analysis (Attach list if more space is needed)

Poisonous Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☒ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

1. Relinquished By: Bob DiFondi	Date: 8/24	Time: 3:19	1. Received By: RKM	Date: 8/24/06	Time: 15:00
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Date: 08/28/2006
Time: 18:31:35

COD Sales
Environmental Testing
Special Metals PCB Testing

Rept: AN1219

Sample ID: OIL FROM SPILL 1
Lab Sample ID: A6970502
Date Collected: 08/24/2006
Time Collected: 13:50

Date Received: 08/24/2006
Project No: NYSA9520
Client No: 367970
Site No:

Parameter	Result	Flg	MDL	Detection Limit	Units	Method	Date Analyzed	Ini
METHOD 8082 - POLYCHLORINATED BIPHENYLS IN OI								
Aroclor 1016	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1221	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1232	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1242	6.6		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1248	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1254	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ
Aroclor 1260	ND		1.0	0.96	MG/KG	8082(OIL)	08/25/06	AJ

APPENDIX E

SOIL DISPOSAL DOCUMENTATION

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036734	8	KATE HILL
10/03/06	10/03/06	08:09	08:09	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	76600	LB
Stored Tare Wt.	24820	LB
Net Weight	51780	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
25.89	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785
Generator SPECIAL METALS

Hauler DON FRAME TRUCKING, INC.

SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036738	8	KATE HILL
10/03/06	10/03/06	08:20	08:20	DF268

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71940	LB
Stored Tare Wt.	24680	LB
Net Weight	47260	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
23.63	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036839	8		KATE HILL
10/03/06	10/03/06	13:37	13:37	DF268

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73460	LB
Stored Tare Wt.	24680	LB
Net Weight	48780	LB

Inbound - Charge ticket

24.39 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036778	8		KATE HILL
10/03/06	10/03/06	09:57	09:57	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	74180	LB
Stored Tare Wt.	24820	LB
Net Weight	49360	LB

Inbound - Charge ticket

24.68 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036780	8	KATE HILL

10/03/06	10/03/06	10:11	10:11	DF268

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	66940	LB
Stored Tare Wt.	24680	LB
Net Weight	42260	LB

Inbound - Charge ticket

21.13 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036809	8	KATE HILL

10/03/06	10/03/06	11:52	11:52	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	72880	LB
Stored Tare Wt.	24820	LB
Net Weight	48060	LB

Inbound - Charge ticket

24.03 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02 036834 8 KATE HILL

10/03/06 10/03/06 13:25 13:25 DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71600	LB
Stored Tare Wt.	24820	LB
Net Weight	46780	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
23.39	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02 036810 8 KATE HILL

10/03/06 10/03/06 11:53 11:53 DF268

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73780	LB
Stored Tare Wt.	24680	LB
Net Weight	49100	LB

Inbound - Charge ticket

24.55	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02 036862 8 KATE HILL

10/03/06 10/03/06 15:00 15:00 DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	72800	LB
Stored Tare Wt.	24820	LB
Net Weight	47980	LB

Inbound - Charge ticket

23.99 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

WWGTT TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

WEIGHMASTER

02 036866 8 KATE HILL

ROLL OFF

10/03/06 10/03/06 15:25 15:25 DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	68920	LB
Stored Tare Wt.	24820	LB
Net Weight	44100	LB

Inbound - Charge ticket

22.05 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02 036925 8 KATE HILL

10/04/06 10/04/06 10:59 10:59 DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73920	LB	Inbound - Charge ticket
Stored Tare Wt.	24820	LB	
Net Weight	49100	LB	

24.55	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036894	8	KATE HILL
10/04/06	10/04/06	09:36	09:36	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	68960	LB
Stored Tare Wt.	26140	LB
Net Weight	42820	LB

Inbound - Charge ticket

21.41 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	036886	8	KATE HILL
10/04/06	10/04/06	07:57	07:57	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73300	LB
Stored Tare Wt.	24820	LB
Net Weight	48480	LB

Inbound - Charge ticket

24.24 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

SITE	TICKET	BNG	SUB-MASTER
02	036943	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
10/04/06	10/04/06	12:10	12:10	DF261

CHAUTAUQUA COUNTY

Manual Gross Wt.	81020	LB
Stored Tare Wt.	26140	LB
Net Weight	54880	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TYPE
27.44	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

 SIGNATURE _____

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

SITE	TICKET	BNG	SUB-MASTER
02	036963	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
10/04/06	10/04/06	13:27	13:27	DF269

CHAUTAUQUA COUNTY

Manual Gross Wt.	71860	LB
Stored Tare Wt.	24820	LB
Net Weight	47040	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TYPE
23.52	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02 036978 8 KATE HILL

10/04/06 10/04/06 14:36 14:36 DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	78500	LB
Stored Tare Wt.	26140	LB
Net Weight	52360	LB

Inbound - Charge ticket

26.18	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

DUPLICATE TICKET

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037008	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
10/05/06	10/05/06	08:17	08:17	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71980	LB	Inbound - Charge ticket
Stored Tare Wt.	24820	LB	
Net Weight	47160	LB	

QTY	UNIT	DESCRIPTION	DATE	EXTENSION	FEE	TOTAL
23.58	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037012	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/06	10/05/06	08:31	08:31	DF261	

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	69940	LB	Inbound - Charge ticket
Stored Tare Wt.	26140	LB	
Net Weight	43800	LB	

QTY	UNIT	DESCRIPTION	DATE	EXTENSION	FEE	TOTAL
21.90	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037042	8		KATE HILL
10/05/06	10/05/06	10:34	10:34	DF269

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73820	LB
Stored Tare Wt.	24820	LB
Net Weight	49000	LB

Inbound - Charge ticket

24.50 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037050	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/05/06	10/05/06	10:54	10:54	DF261	

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	73780	LB
Stored Tare Wt.	26140	LB
Net Weight	47640	LB

Inbound - Charge ticket

23.82 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037094	8	KATE HILL
10/05/06	10/05/06	13:10	13:10	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71680	LB
Stored Tare Wt.	26140	LB
Net Weight	45540	LB

Inbound - Charge ticket

22.77 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037128	8	KATE HILL
10/05/06	10/05/06	15:16	15:16	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	74440	LB
Stored Tare Wt.	26140	LB
Net Weight	48300	LB

Inbound - Charge ticket

24.15 TON SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

DUPLICATE TICKET
CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037150	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/06/06	10/06/06	08:03	08:03	DF261	

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

REFERENCE | CHAUTAUQUA COUNTY

Manual Gross Wt.	75340	LB
Stored Tare Wt.	26140	LB
Net Weight	49200	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.60	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Hauler DON FRAME TRUCKING, INC.

WWW.T: TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037153	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/06/06	10/06/06	08:09	08:09	DF259	

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

REFERENCE | CHAUTAUQUA COUNTY

Manual Gross Wt.	67600	LB
Stored Tare Wt.	25960	LB
Net Weight	41640	LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.82	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037197	8	KATE HILL
10/06/06	10/06/06	10:05	10:05	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	72500	LB
Stored Tare Wt.	26140	LB
Net Weight	46360	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
23.18	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

WA-571 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037205	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
10/06/06	10/06/06	10:32	10:32	DF259

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	68100	LB
Stored Tare Wt.	25960	LB
Net Weight	42140	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
21.07	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037238	8	KATE HILL

10/06/06	10/06/06	12:15	12:15	DF259

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71300	LB
Stored Tare Wt.	25960	LB
Net Weight	45340	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
22.67	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

WWSTI TO REORDER CONTACT CAROLINA SOFTWARE 919-798-6767 SIGNATURE _____

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037234	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE
10/06/06	10/06/06	12:06	12:06	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	76300	LB
Stored Tare Wt.	26140	LB
Net Weight	50160	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.08	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

02	037277	8	KATE HILL

10/06/06	10/06/06	14:11	14:11	DF261

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	71920	LB
Stored Tare Wt.	26140	LB
Net Weight	45780	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION
22.89	TON	SOIL CONTAMINATED D1

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

Hauler DON FRAME TRUCKING, INC.

SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

SITE	TICKET	GRID	WEIGHMASTER
02	037281	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/06/06	10/06/06	14:24	14:24	DF259	

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

CHAUTAUQUA COUNTY

Manual Gross Wt.	78720	LB
Stored Tare Wt.	25960	LB
Net Weight	52760	LB

Inbound - Charge ticket

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
26.38	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

HAULED CONTAMINATED SOIL FROM SPECIAL METALS SITE					
DUNKIRK TO COUNTY LANDFILL ELLERY					
10/3/2006					
36734	25.89				
36738	23.63				
36839	24.39				
36778	24.68				
36780	21.13				
36809	24.03				
36810	24.55				
36834	23.39				
36862	23.99				
36866	22.05				
36925	24.55	—10-4-06			
	262.28				
10/4/2006					
36886	24.24				
36894	21.41				
36943	27.44				
36963	23.52				
36978	26.18				
	122.79				
10/5/2006					
37008	23.58				
37012	21.90				
37042	24.50				
37050	23.82				
37094	22.77				
37128	24.15				
	140.72				
10/6/2006					
37150	24.60				
37153	20.82				
37197	23.18				
37205	21.07				
37234	25.08				
37238	22.67				
37277	22.89				
37281	26.38				
	186.69				

712.48 TOTAL
TONS

CHAUTAUQUA COUNTY DEPARTMENT OF PUBLIC FACILITIES
DIVISION OF SOLID WASTE

Gregory J. Edwards
County Executive

George P. Spanos, P.E.
Director of Public Facilities

November 2, 2006

Mr. Robert J. DiFondi
Special Metals Corporation
100 Willowbrook Avenue
Dunkirk, New York 14048

Post-it® Fax Note 7671	Date 11/8/06	# of pages ▶ 2
To BOB DIFONDI	From MIKE FELSMAN	
Co./Dept. SPECIAL METALS	Co. CCLF	
Phone # 366-6561	Phone # 985-4785 x 204	
Fax # 366-7436	Fax # 985-4981	

Re: Industrial Waste Stream
Permit No. CC 1102.06 S1
Expires 5/2/07 - One Time Only

Dear Mr. DiFondi:

The County reviewed your application requesting permission for disposal of non-hazardous contaminated soil and concrete from a diesel tank removal. Based upon the data provided, this waste is acceptable for disposal at our facility. The attached permit is valid for this project only.

Please phone Mike Felsman (x204) or Kate Hill (x229) to schedule disposal of this waste material. *The waste transporter must have an approved hauling permit for transport to this facility. The waste hauler must present a copy of the attached disposal permit to the scale operator.*

If significant changes in the information presented on this application occur, you shall immediately notify this department in writing. Such changes shall include but not be limited to: change in process, change in facility name or address, change in waste composition, change in hauler.

Enclosed is a copy of the approved application. If you have any questions, please contact the writer at (716) 985-4785, ext. 216.

Very truly yours,

CHAUTAUQUA COUNTY D.P.F.

George P. Spanos, P.E.
Deputy Director

By: Keith P. Stock
Geologist

Enclosure
/kps

Pc: Mr. Mark Hans, P.E., RSME, NYSDEC R9
Mr. Michael Felsman, CCDSW
Ms. Kate Hill, CCDSW
Mr. Pantelis Pantelis, P.E., CCDSW
Permit/Generator Files

Office Use Only

HNUM _____ BNUM 274 GNUM _____ COMMOD 821 CNUM CHAUTAUQUA COUNTY

PINTO CONSTRUCTION

47-10-7 (10/96) - Text 12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE - BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

FOR STATE USE ONLY		
SITE NO. 07S12	APPLICATION NO. CC 1102.06 S1	DATE RECEIVED
DEPARTMENT ACTION ☒ Approved ☐ Disapproved KPS		DATE 11/2/06

Expires 5/2/07

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
Chautauqua County Landfill	Chautauqua	07S12
4. NAME OF OWNER: Chautauqua County	5. ADDRESS (Street, City, State, Zip Code): 3889 Towerville Road, Jamestown, NY 14701	6. TELEPHONE NO.: (716) 985-4785
7. NAME OF OPERATOR: Dept. of Public Facilities	8. ADDRESS (Street, City, State, Zip Code): Same	9. TELEPHONE NO.: (716) 985-4785

10. METHOD OF TREATMENT OR DISPOSAL

Sanitary Landfill – D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)
SPECIAL METALS CORP.	100 WILLOWBROOK AVE DUNKIRK, NY 14048

13. REPRESENTATIVE OF WASTE GENERATOR	14. MAILING ADDRESS OF REPRESENTATIVE	15. TELEPHONE NO.
ROBERT J. DIFOUDI	SAME	(315) 525-4340

16. DESCRIPTION OF PROCESS PRODUCING WASTE: SOILS FROM DIESEL TANK REMOVAL

17. EXPECTED ANNUAL WASTE PRODUCTION: 150 Tons/Year ____ Gallons/Year

18. WASTE HAULED IN: ☐ Drums ☐ Bulk Tank ☐ Roll-Off Container ☒ Other TRUCK

19. WASTE COMPOSITION
19a. Average Percent Solids: 100
19b. PHYSICAL STATE: ☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas
19c. pH Range: 6 to 9

19. COMPONENTS	CONCENTRATION (Dry Weight) Upper %	Lower %	Typical %	UNIT (Check One) Wt.%	PPM
1) SOIL, CONCRETE, ROCKS	100	99	100	☒	☐
2)				☐	☐
3)				☐	☐
4)				☐	☐

20. IS AN ANALYSIS OF WASTE ATTACHED? ☒ Yes ☐ No

21. WAS AN EP TOXICITY TEST CONDUCTED ON THE WASTE? ☐ Yes ☒ No If "Yes", attach results

22. MATERIAL IS: ☐ Hazardous ☒ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions.

RECEIVED
NOV - 3 2006
CHAUT. CO. D.P.F.
DIV. OF SOLID WASTE

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY? NA

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT NO.	28. TELEPHONE NO.
TBD			( ) -

29. CERTIFICATION
I hereby affirm under penalty of perjury that information provided on this form and attachments is true and complete to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR: X [signature] — DATE 11/2/06

b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY: X [signature], Geologist — DATE 11/2/06

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

SITE	TICKET	GRID	WEIGHMASTER
02	040899	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/14/06	11/14/06	08:18	08:18	DF269	

REFERENCE	ORIGIN
	CHAUTAUQUA COUNTY

Inbound - Charge ticket

Scale 1 Gross Wt.	70500	LB
Stored Tare Wt.	24820	LB
Net Weight	45680	LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.84	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785
Generator SPECIAL METALS
Comment CC1102.06S1

Hauler DON FRAME TRUCKING, INC.

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T: TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

SITE	TICKET	GRID	WEIGHMASTER
02	040899	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/14/06	11/14/06	08:18	08:18	DF269	

REFERENCE	ORIGIN
	CHAUTAUQUA COUNTY

Inbound - Charge ticket

Scale 1 Gross Wt.	70500	LB
Stored Tare Wt.	24820	LB
Net Weight	45680	LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
22.84	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785
Generator SPECIAL METALS
Comment CC1102.06S1

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

1 BABCOCK STREET
BUFFALO NY 14210

REFERENCE	ORIGIN
	CHAUTAUQUA COUNTY

Inbound - Charge ticket

Scale 1 Gross Wt.	76220	LB
Stored Tare Wt.	26140	LB
Net Weight	50080	LB

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
25.04	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4785

SUBTOTAL
TENDERED
CHANGE
CHECK NO.

Hauler DON FRAME TRUCKING, INC.

AWGTT TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

Attn: Dave

366-4436

CHAUTAUQUA COUNTY LANDFILL
3889 Towerville Road
Jamestown, New York 14701

000274 PINTO CONSTRUCTION SERVICE
1 BABCOCK STREET
BUFFALO NY 14210

SITE	TICKET	GRID	WEIGHMASTER
02	040900	8	KATE HILL

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/14/06	11/14/06	08:20	08:20	DF268	

REFERENCE	ORIGIN
	CHAUTAUQUA COUNTY

Scale 1 Gross Wt.	73020	LB	Inbound - Charge ticket
Stored Tare Wt.	24680	LB	
Net Weight	48340	LB	

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
24.17	TON	SOIL CONTAMINATED D1				

Operating hours 7:30 AM to 4 PM Monday thru Friday

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Telephone (716) 985-4765

Generator SPECIAL METALS

Comment CC1102.06S1

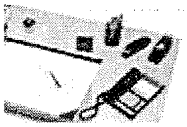
Hauler DON FRAME TRUCKING, INC.

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

APPENDIX F

WATER & GROUNDWATER DISPOSAL DOCUMENTATION



Robert J DiFondi

08/18/2006 11:42 AM

To: wwtp@netsync.net
cc: BKogut@bsk.com, DMurray@pccstructurals.com, malcolmm@pcc-aft.com
Subject: Water Discharge to Dunkirk POTW

Dear Mr. Hayden,

This is to confirm, for my file your verbal approval of August 9, 2006 for Special Metals Corporation (SMC) to discharge to the City's wastewater treatment plant contaminated stormwater runoff. This water had accumulated in the building excavation from our current expansion after a recent storm event from a roof drain that was thought to be out of service. As shown by the test data that I faxed to your office on August 8 & 9, 2006, PCB's were found to be present in that wastewater.

Please send me, at your earliest convenience, a copy of the City's pretreatment ordinance for my review. The Dunkirk facility may have need for future discharges of wastewater associated with its building expansion and I would like to become more familiar with the City's requirements in this regard. Please send this information to my attention at the Dunkirk facility at :100 Willowbrook Ave, Dunkirk, NY 14048.

As my principal office is at SMC's New Hartford, NY facility rather than the Dunkirk facility, I can most easily be reached by calling me on my cell phone at (315) 525-4340.

Thanks for your help.

Bob DiFondi
Environmental Coordinator
Special Metals Corporation

SPECIAL METALS CORPORATION
4317 Middle Settlement Road
New Hartford, NY 13413-5392 USA
315.798.2900 Fax: 315.798.2001
www.specialmetals.com

September 25, 2006

Mr. Paul Hayden
Dunkirk Wastewater Treatment Plant
Wright Park Drive
Dunkirk, New York 14048

RE: Discharge to WWTP

Dear Paul,

In response to your request, here are the start and stop times and volume of the discharge recently sent to the wastewater treatment plant.

9/14/06:	Start – 11:20 AM Stop - 4:00 PM Volume – 11,200 gallons
9/15/06	Start – 7:30 AM Stop – 8:30 AM Volume – 1,431 gallons
Total:	12,631 gallons
Rate:	$.03/gallon
Total Fee:	$378.93

Please send this bill to my attention at:

Special Metals Corporation
100 Willowbrook Ave
Dunkirk, NY 14048

Sincerely,

Robert J. DiFondi
Environmental Coordinator
rdifondi@specialmetals.com

Rec'd 10/18/06

CITY OF DUNKIRK
INVOICE

Invoice Number 2006/21/0004450
Invoice Date 10/13/2006
Invoice Due Date 10/13/2006

Customer Id 00000000703

SPECIAL METALS CORP
ATTN: BOB DI FONDI
100 WILLOWBROOK AVE PO BOX 304
DUNKIRK NY 14048

Mail Remittance To:
CITY OF DUNKIRK
342 CENTRAL AVE.
CITY HALL
DUNKIRK NY 14048
(716) 366-9861

Description: WASTE FROM EXCAVATION PIT 9/06

Service	Quantity	Unit	Unit Price	Amount
PUMP OUT EXCAVATION PIT	12,631.00	GALS	.03	378.93

ok
Bob Di Fondi
10/18/06
010.0000.33045.0000

Total Amount Due 378.93

Please Make Check Payable To: CITY TREASURER

Please Reference Invoice Numbers On All Remittance

Robert J DiFondi
09/12/2006 11:30 AM

To: wwtp@netsync.net
cc: BKogut@bsk.com
Subject: Water discharge to POTW

Dear Mr. Hayden,

This is to confirm, for my file, your verbal approval of September 12, 2006 for Special Metals Corporation to discharge to
the City's wastewater treatment plant excavation water that has been stored on site.

The discharge will begin tomorrow and the water will be metered and gravity fed into the sewer system.

Once all of the water has been discharged, I will contact you with the information you requested: start and stop times
of the discharge and volume, for billing purposes.

If you have any questions or concerns, please contact me at 315-525-4340.

Thank You.

Bob DiFondi