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## ANALYTICAL REPORT

Job#: A06-5702

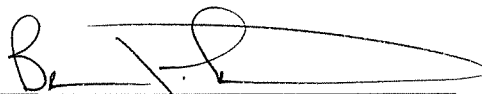
STL Project#: NY5A946109

Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

Task: NYSDEC Spills - Bengart &amp; Memel Site: 915115

Eugene Melnyk  
NYSDEC - Region 9  
270 Michigan Ave  
Buffalo, NY 14203

STL Buffalo

Brian J. Fischer  
Project Manager

05/31/2006

## STL Buffalo Current Certifications

As of 4/10/2006

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

## SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A6570201	MW-19	WATER	05/16/2006	13:15	05/18/2006	15:55
A6570202	MW-19R	WATER	05/17/2006	11:45	05/18/2006	15:55
A6570203	MW-5	WATER	05/17/2006	11:30	05/18/2006	15:55
A6570204	Trip Blank	WATER	05/17/2006		05/18/2006	15:55

## METHODS SUMMARY

Job#: A06-5702STL Project#: NY5A946109Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
NYSDEC - AQUEOUS-SW8463 TCL 8260	SW8463 8260
NYDEC AQ- 8270 TCL SEMI-VOLATILE ORGANIC	SW8463 8270
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

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#: A06-5702STL Project#: NY5A946109Site Name: NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACTGeneral 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

A06-5702

Sample Cooler(s) were received at the following temperature(s); 5.4 °C  
All samples were received in good condition.

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

For method 8082, sample MW-19 required dilution prior to analysis due to the 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.

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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.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



\_\_\_\_\_  
Brian J. Fischer  
Project Manager

6-1-06

\_\_\_\_\_  
Date

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
MW-19	A6570201	8082	10.00	008
MW-19	A6570201	8270	5.00	008
MW-19R	A6570202	8260	5.00	003
MW-5	A6570203	8082	2.00	008
MW-5	A6570203	8260	5.00	003

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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



## 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.
- <sup>1</sup> 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: MW-19  
 Lab Sample ID: A6570201  
 Date Collected: 05/16/2006  
 Time Collected: 13:15

Date Received: 05/18/2006  
 Project No: NY5A946109  
 Client No: L10190  
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
NYSDEC - AQUEOUS-SW8463 TCL 8260								
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,1-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,1-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2-Dibromoethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,2-Dichloropropane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
1,3-Dichlorobenzene	1.5		1.0	UG/L	8260	05/24/2006	16:59	MG
1,4-Dichlorobenzene	6.1		1.0	UG/L	8260	05/24/2006	16:59	MG
2-Butanone	3.2	J	5.0	UG/L	8260	05/24/2006	16:59	MG
2-Hexanone	ND		5.0	UG/L	8260	05/24/2006	16:59	MG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	05/24/2006	16:59	MG
Acetone	16		5.0	UG/L	8260	05/24/2006	16:59	MG
Benzene	5.4		1.0	UG/L	8260	05/24/2006	16:59	MG
Bromodichloromethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Bromoform	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Bromomethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Carbon Disulfide	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Carbon Tetrachloride	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Chlorobenzene	7.5		1.0	UG/L	8260	05/24/2006	16:59	MG
Chloroethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Chloroform	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Chloromethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Cyclohexane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Dibromochloromethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Ethylbenzene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Isopropylbenzene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Methyl acetate	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Methylcyclohexane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Methylene chloride	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Styrene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Tetrachloroethene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Toluene	2.2		1.0	UG/L	8260	05/24/2006	16:59	MG
Total Xylenes	3.2		3.0	UG/L	8260	05/24/2006	16:59	MG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Trichloroethene	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Trichlorofluoromethane	ND		1.0	UG/L	8260	05/24/2006	16:59	MG
Vinyl chloride	ND		1.0	UG/L	8260	05/24/2006	16:59	MG

Date Received: 05/18/2006

Sample ID: MW-19

Project No: NY5A946109

Lab Sample ID: A6570201

Client No: L10190

Date Collected: 05/16/2006

Site No:

Time Collected: 13:15

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
NYSDEC AQ- SW8463 8270 - TCL SVOA ORGANIC								
1,2,4-Trichlorobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
1,2-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
1,3-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
1,4-Dichlorobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,2'-Oxybis(1-Chloropropane)	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,4,5-Trichlorophenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,4,6-Trichlorophenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,4-Dichlorophenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,4-Dimethylphenol	92		47	UG/L	8270	05/23/2006	17:09	MD
2,4-Dinitrophenol	ND		240	UG/L	8270	05/23/2006	17:09	MD
2,4-Dinitrotoluene	ND		47	UG/L	8270	05/23/2006	17:09	MD
2,6-Dinitrotoluene	ND		47	UG/L	8270	05/23/2006	17:09	MD
2-Chloronaphthalene	ND		47	UG/L	8270	05/23/2006	17:09	MD
2-Chlorophenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
2-Methylnaphthalene	ND		47	UG/L	8270	05/23/2006	17:09	MD
2-Methylphenol	50		47	UG/L	8270	05/23/2006	17:09	MD
2-Nitroaniline	ND		240	UG/L	8270	05/23/2006	17:09	MD
2-Nitrophenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
3,3'-Dichlorobenzidine	ND		94	UG/L	8270	05/23/2006	17:09	MD
3-Nitroaniline	ND		240	UG/L	8270	05/23/2006	17:09	MD
4,6-Dinitro-2-methylphenol	ND		240	UG/L	8270	05/23/2006	17:09	MD
4-Bromophenyl phenyl ether	ND		47	UG/L	8270	05/23/2006	17:09	MD
4-Chloro-3-methylphenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
4-Chloroaniline	ND		47	UG/L	8270	05/23/2006	17:09	MD
4-Chlorophenyl phenyl ether	ND		47	UG/L	8270	05/23/2006	17:09	MD
4-Methylphenol	180		47	UG/L	8270	05/23/2006	17:09	MD
4-Nitroaniline	ND		240	UG/L	8270	05/23/2006	17:09	MD
4-Nitrophenol	ND		240	UG/L	8270	05/23/2006	17:09	MD
Acenaphthene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Acenaphthylene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Anthracene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Benzo(a)anthracene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Benzo(a)pyrene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Benzo(b)fluoranthene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Benzo(ghi)perylene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Benzo(k)fluoranthene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Bis(2-chloroethoxy) methane	ND		47	UG/L	8270	05/23/2006	17:09	MD
Bis(2-chloroethyl) ether	ND		47	UG/L	8270	05/23/2006	17:09	MD
Bis(2-ethylhexyl) phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Butyl benzyl phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Carbazole	ND		47	UG/L	8270	05/23/2006	17:09	MD
Chrysene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Di-n-butyl phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Di-n-octyl phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Dibenzo(a,h)anthracene	53		47	UG/L	8270	05/23/2006	17:09	MD
Dibenzofuran	ND		47	UG/L	8270	05/23/2006	17:09	MD
Diethyl phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Dimethyl phthalate	ND		47	UG/L	8270	05/23/2006	17:09	MD
Fluoranthene	ND		47	UG/L	8270	05/23/2006	17:09	MD

Sample ID: MW-19  
 Lab Sample ID: A6570201  
 Date Collected: 05/16/2006  
 Time Collected: 13:15

Date Received: 05/18/2006  
 Project No: NY5A946109  
 Client No: L10190  
 Site No:

Parameter	Result	Flag	Detection		Method	Date/Time		Analyst
			Limit	Units		Analized		
NYDEC AQ- SW8463 8270 - TCL SVOA ORGANIC								
Fluorene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Hexachlorobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Hexachlorobutadiene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Hexachlorocyclopentadiene	ND		210	UG/L	8270	05/23/2006	17:09	MD
Hexachloroethane	ND		47	UG/L	8270	05/23/2006	17:09	MD
Indeno(1,2,3-cd)pyrene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Isophorone	ND		47	UG/L	8270	05/23/2006	17:09	MD
N-Nitroso-Di-n-propylamine	ND		47	UG/L	8270	05/23/2006	17:09	MD
N-nitrosodiphenylamine	ND		47	UG/L	8270	05/23/2006	17:09	MD
Naphthalene	130		47	UG/L	8270	05/23/2006	17:09	MD
Nitrobenzene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Pentachlorophenol	ND		240	UG/L	8270	05/23/2006	17:09	MD
Phenanthrene	ND		47	UG/L	8270	05/23/2006	17:09	MD
Phenol	ND		47	UG/L	8270	05/23/2006	17:09	MD
Pyrene	ND		47	UG/L	8270	05/23/2006	17:09	MD
NYSDEC-AQ-SW8463 8082 - PCBs								
Aroclor 1016	ND		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1221	ND		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1232	ND		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1242	ND		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1248	ND		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1254	76		4.7	UG/L	8082	05/25/2006	02:56	GFD
Aroclor 1260	54		4.7	UG/L	8082	05/25/2006	02:56	GFD
Metals Analysis								
Aluminum - Total	13.7		0.20	MG/L	6010	05/24/2006	22:19	TWS
Antimony - Total	ND		0.020	MG/L	6010	05/24/2006	22:19	TWS
Arsenic - Total	0.016		0.010	MG/L	6010	05/24/2006	22:19	TWS
Barium - Total	0.39		0.0020	MG/L	6010	05/24/2006	22:19	TWS
Beryllium - Total	ND		0.0020	MG/L	6010	05/24/2006	22:19	TWS
Cadmium - Total	ND		0.0010	MG/L	6010	05/24/2006	22:19	TWS
Calcium - Total	124		0.50	MG/L	6010	05/24/2006	22:19	TWS
Chromium - Total	0.029		0.0040	MG/L	6010	05/24/2006	22:19	TWS
Cobalt - Total	0.0096		0.0040	MG/L	6010	05/24/2006	22:19	TWS
Copper - Total	0.069		0.010	MG/L	6010	05/24/2006	22:19	TWS
Iron - Total	37.9		0.050	MG/L	6010	05/24/2006	22:19	TWS
Lead - Total	0.14		0.0050	MG/L	6010	05/24/2006	22:19	TWS
Magnesium - Total	36.7		0.20	MG/L	6010	05/24/2006	22:19	TWS
Manganese - Total	1.2		0.0030	MG/L	6010	05/24/2006	22:19	TWS
Mercury - Total	ND		0.00020	MG/L	7470	05/22/2006	13:16	LH
Nickel - Total	0.030		0.010	MG/L	6010	05/24/2006	22:19	TWS
Potassium - Total	31.3		0.50	MG/L	6010	05/24/2006	22:19	TWS
Selenium - Total	ND		0.015	MG/L	6010	05/24/2006	22:19	TWS
Silver - Total	ND		0.0030	MG/L	6010	05/24/2006	22:19	TWS
Sodium - Total	71.1		1.0	MG/L	6010	05/24/2006	22:19	TWS
Thallium - Total	ND		0.020	MG/L	6010	05/24/2006	22:19	TWS
Vanadium - Total	0.032		0.0050	MG/L	6010	05/24/2006	22:19	TWS
Zinc - Total	0.23		0.010	MG/L	6010	05/24/2006	22:19	TWS

Date: 05/31/2006  
 Time: 19:54:33

NYSDEC  
 NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT  
 NYSDEC Spills - Bengart & Memel Site: 915115

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 Rept: AN1178

Sample ID: MW-19R  
 Lab Sample ID: A6570202  
 Date Collected: 05/17/2006  
 Time Collected: 11:45

Date Received: 05/18/2006  
 Project No: NY5A946109  
 Client No: L10190  
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
NYSDEC - AQUEOUS-SW8463 TCL 8260								
1,1,1-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,1,2-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,1-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,1-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2,4-Trichlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2-Dibromo-3-chloropropane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2-Dibromoethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,2-Dichloropropane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,3-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
1,4-Dichlorobenzene	2.5	J	5.0	UG/L	8260	05/24/2006	17:23	MG
2-Butanone	ND		25	UG/L	8260	05/24/2006	17:23	MG
2-Hexanone	ND		25	UG/L	8260	05/24/2006	17:23	MG
4-Methyl-2-pentanone	ND		25	UG/L	8260	05/24/2006	17:23	MG
Acetone	25		25	UG/L	8260	05/24/2006	17:23	MG
Benzene	3.0	J	5.0	UG/L	8260	05/24/2006	17:23	MG
Bromodichloromethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Bromoform	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Bromomethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Carbon Disulfide	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Carbon Tetrachloride	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Chlorobenzene	3.3	J	5.0	UG/L	8260	05/24/2006	17:23	MG
Chloroethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Chloroform	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Chloromethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
cis-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Cyclohexane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Dibromochloromethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Dichlorodifluoromethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Ethylbenzene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Isopropylbenzene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Methyl acetate	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Methyl-t-Butyl Ether (MTBE)	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Methylcyclohexane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Methylene chloride	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Styrene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Tetrachloroethene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Toluene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Total Xylenes	ND		15	UG/L	8260	05/24/2006	17:23	MG
trans-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Trichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Trichlorofluoromethane	ND		5.0	UG/L	8260	05/24/2006	17:23	MG
Vinyl chloride	ND		5.0	UG/L	8260	05/24/2006	17:23	MG

Date: 05/31/2006  
 Time: 19:54:33

NYSDEC  
 NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT  
 NYSDEC Spills - Bengart & Memel Site: 915115

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 Rept: AN1178

Sample ID: MW-5  
 Lab Sample ID: A6570203  
 Date Collected: 05/17/2006  
 Time Collected: 11:30

Date Received: 05/18/2006  
 Project No: NY5A946109  
 Client No: L10190  
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
NYSDEC - AQUEOUS-SW8463 TCL 8260								
1,1,1-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,1,2,2-Tetrachloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,1,2-Trichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,1-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,1-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2,4-Trichlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2-Dibromo-3-chloropropane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2-Dibromoethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2-Dichlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2-Dichloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,2-Dichloropropane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
1,3-Dichlorobenzene	4.6	J	5.0	UG/L	8260	05/24/2006	17:47	MG
1,4-Dichlorobenzene	7.4		5.0	UG/L	8260	05/24/2006	17:47	MG
2-Butanone	ND		25	UG/L	8260	05/24/2006	17:47	MG
2-Hexanone	ND		25	UG/L	8260	05/24/2006	17:47	MG
4-Methyl-2-pentanone	ND		25	UG/L	8260	05/24/2006	17:47	MG
Acetone	30		25	UG/L	8260	05/24/2006	17:47	MG
Benzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Bromodichloromethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Bromoform	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Bromomethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Carbon Disulfide	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Carbon Tetrachloride	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Chlorobenzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Chloroethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Chloroform	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Chloromethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
cis-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
cis-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Cyclohexane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Dibromochloromethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Dichlorodifluoromethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Ethylbenzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Isopropylbenzene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Methyl acetate	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Methyl-t-Butyl Ether (MTBE)	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Methylcyclohexane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Methylene chloride	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Styrene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Tetrachloroethene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Toluene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Total Xylenes	ND		15	UG/L	8260	05/24/2006	17:47	MG
trans-1,2-Dichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
trans-1,3-Dichloropropene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Trichloroethene	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Trichlorofluoromethane	ND		5.0	UG/L	8260	05/24/2006	17:47	MG
Vinyl chloride	ND		5.0	UG/L	8260	05/24/2006	17:47	MG

Date: 05/31/2006

Time: 19:54:33

NYSDEC

NYSDEC - REGION 9 REMEDIATION/SPILLS CONTRACT

NYSDEC Spills - Bengart & Memel Site: 915115

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Rept: AN1178

Sample ID: MW-5

Lab Sample ID: A6570203

Date Collected: 05/17/2006

Time Collected: 11:30

Date Received: 05/18/2006

Project No: NY5A946109

Client No: L10190

Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time		Analyst
						Analyzed		
NYSDEC-AQ-SW8463 8082 - PCBS								
Aroclor 1016	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1221	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1232	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1242	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1248	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1254	ND		0.94	UG/L	8082	05/25/2006	03:14	GFD
Aroclor 1260	28		0.94	UG/L	8082	05/25/2006	03:14	GFD

Sample ID: Trip Blank  
 Lab Sample ID: A6570204  
 Date Collected: 05/17/2006  
 Time Collected:

Date Received: 05/18/2006  
 Project No: NY5A946109  
 Client No: L10190  
 Site No:

Parameter	Result	Flag	Detection			Date/Time		Analyst
			Limit	Units	Method	Analyzed		
NYSDEC - AQUEOUS-SW8463 TCL 8260								
1,1,1-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,1,2,2-Tetrachloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,1,2-Trichloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,1-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,1-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2,4-Trichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2-Dibromo-3-chloropropane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2-Dibromoethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2-Dichloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,2-Dichloropropane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,3-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
1,4-Dichlorobenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
2-Butanone	ND		5.0	UG/L	8260	05/24/2006	12:14	MG
2-Hexanone	ND		5.0	UG/L	8260	05/24/2006	12:14	MG
4-Methyl-2-pentanone	ND		5.0	UG/L	8260	05/24/2006	12:14	MG
Acetone	ND		5.0	UG/L	8260	05/24/2006	12:14	MG
Benzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Bromodichloromethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Bromoform	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Bromomethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Carbon Disulfide	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Carbon Tetrachloride	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Chlorobenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Chloroethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Chloroform	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Chloromethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
cis-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
cis-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Cyclohexane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Dibromochloromethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Dichlorodifluoromethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Ethylbenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Isopropylbenzene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Methyl acetate	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Methyl-t-Butyl Ether (MTBE)	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Methylcyclohexane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Methylene chloride	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Styrene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Tetrachloroethene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Toluene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Total Xylenes	ND		3.0	UG/L	8260	05/24/2006	12:14	MG
trans-1,2-Dichloroethene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
trans-1,3-Dichloropropene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Trichloroethene	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Trichlorofluoromethane	ND		1.0	UG/L	8260	05/24/2006	12:14	MG
Vinyl chloride	ND		1.0	UG/L	8260	05/24/2006	12:14	MG

**Severn Trent Laboratories, Inc.**

**Chain of  
Custody Record**

STL-4124 (09011)

Client: **NYSD&L REG 9 DER** Project Manager: **ELBENE MENYK** Date: **5/1/06** Chain of Custody Number: **252294**

Address: **270 Michigan Ave** Telephone Number (Area Code)/Fax Number: **716-851-7220/851-7226** Lab Number: **106** Page: **1** of **1**

City: **BUFFALO** State: **NY** Zip Code: **14203-2999** Lab Contact: **B. Fische**

Project Name and Location (State): **BENGART + MEMEL Cellar #115139** Carrier/Van/Trailer Number: **PCBS 8082**

Contract/Invoice Order/Quote No.: **C200305**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Aqueous	Sed	Soil	Unpres	H2SO4	HNO3	HCl			HOAc
MW-5	5/17/06	12:00	✓					✓					sample to be delivered at a later date
MW-19	5/16/06	13:50	✓					✓					↓ RECEIVED & TESTS ASSIGNED - BTJ
MW-19R	5/17/06	11:50	✓					✓					

Possible Hazard Identification: **Suspect Vols - PCBs**

Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown  Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months longer than 1 month

Turn Around Time Required:  24 Hours  48 Hours  7 Days  14 Days  21 Days  Other: **STANDARD TOXICOLOGIC REQUIREMENTS (Specify) SEE T/A**

1. Relinquished By: **Dyann / hugh** Date: **5/18/06** Time: **15:55** 1. Received By: **STL BUFFALO** Date: **5/18/06** Time: **1555**

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

540c