

Remedial Closure Report Roblin Steel Site Remediation

City of North Tonawanda,
Niagara County, New York

APPENDICES Volume II

December 2005

ROBLIN STEEL SITE REMEDIATION COMPLETION REPORT

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Drum Waste Analytical Test Results

Roblin Steel Drum Sampling Analytical Report -- Data Summary Table

SAMPLE ID	DESCRIPTION	VOA	SVOA	TOC	PCB's	METALS	PH	F.P.	BTU
C-002	Antifreeze	Clean	NA	NA	Clean	Clean	8.26	NA	NA
D-005	Antifreeze	NA	Clean	NA	Clean	Clean	8.59	>200	NA
C-006	Gear Oil	F002/D039	NA	NA	Clean	Clean	NA	>200	19K
C-005	Gear Oil/H2O	Clean	Clean	NA	Clean	Clean	NA	>200	19K
C-004	Motor Oil	NA	NA	NA	NA	D008	NA	>200	NA
D-004	Motor Oil	D018	NA	NA	Clean	D007/D008	NA	>200	18K
D-009	Motor Oil	Clean	Clean	NA	Clean	NA	NA	>200	18K
C-003	Oil/debris	F002 MeCl	Clean	NA	Clean	NA	NA	NA	NA
CP-001	Slag/grindings	NA	NA	NA	.190 PPM	Clean	NA	>200	NA
D-001	Spill Debris	Clean	NA	NA	Clean	Clean	NA	NA	NA
D-002	Water	NA	NA	2460	Clean	NA	4.87	>200	NA
D-003	Water	NA	NA	1910	Clean	NA	4.72	>200	NA

Items in red are hazardous by RCRA definition.

WASTE STREAM TECHNOLOGY, INC.

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

Analytical Data Report

Report Date : 05/21/03
Group Number : 2031-1066

Prepared For :
Mr. Matt Schimpf
Green Environment Spec.
8335 Quarry Rd.
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Fax: (716) 298-5754

Site: Roblin Steel

Analytical Parameters	Number of Samples	Turnaround Time
8260	7	Standard
8270	5	Standard
PCBs	11	Standard
pH	4	Standard
Ignitability	10	Standard
BTU	5	Standard
TOC	2	Standard
Metals (8)	4	Standard
TCLP Metals (8)	4	Standard

Report Released By : Daniel W. Vollmer
Daniel W. Vollmer, Laboratory QA/QC Officer

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



Waste Stream Technology, Inc.

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

Analytical Data Report

Group Number: 2031-1066

Site: Roblin Steel

Field and Laboratory Information

WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
WT18241	CP-001	Solid	05/06/03	05/07/03	12:50
WT18242	D-001	Solid	05/06/03	05/07/03	12:50
WT18243	D-002	Aqueous	05/06/03	05/07/03	12:50
WT18244	D-003	Aqueous	05/06/03	05/07/03	12:50
WT18245	D-004	Oil	05/06/03	05/07/03	12:50
WT18246	D-005	Aqueous	05/06/03	05/07/03	12:50
WT18247	D-009	Oil	05/06/03	05/07/03	12:50
WT18248	C-002	Aqueous	05/06/03	05/07/03	12:50
WT18249	C-003	Oil	05/06/03	05/07/03	12:50
WT18250	C-004	Oil	05/06/03	05/07/03	12:50
WT18251	C-005	Oil	05/06/03	05/07/03	12:50
WT18252	C-006	Oil	05/06/03	05/07/03	12:50

METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.

DETECTION LIMIT DEFINITIONS

MDL = Method Detection Limit. When reported, the MDL is the minimum concentration that can be measured and reported with 99 percent confidence that the concentration is greater than zero.

MQL = Method Quantitation Limit. The MQL is the minimum concentration that can be reliably reported. The MQL is equal to the concentration of the lowest standard used for the initial calibration of the instrument.

Reporting Limit = A reporting limit is the minimum concentration that can be measured and reported for analyses where initial calibration is not applicable. The reporting limit is based on the specifics of the analysis procedure.

ORGANIC DATA QUALIFIERS

- U - Indicates compound was analyzed for but not detected at the stated MQL or Reporting Limit. If the MDL has been reported, U indicates that the compound was not detected at the MDL.
- J - Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.
- 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 the sample.
- E - This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G - Matrix spike recovery is greater than the expected upper limit of analytical performance.
- L - Matrix spike recovery is less than the expected lower limit of analytical performance.
- # - Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.
- \$ - Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.
- (%) - Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Solid

WST ID: WT18242

Client ID: D-001

Extraction Date: NA

Date Analyzed: 05/16/03

Compound	ML	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	50	Not detected		U
chloromethane	50	Not detected		U
vinyl chloride	50	Not detected		U
bromomethane	50	Not detected		U
chloroethane	50	Not detected		U
trichlorofluoromethane	50	Not detected		U
1,1-dichloroethene	10	Not detected		U
acetone	1250	3590		D
methyl-tert-butyl ether	10	23		
carbon disulfide	10	Not detected		U
methylene chloride	10	109		
trans-1,2-dichloroethene	10	Not detected		U
1,1-dichloroethane	10	Not detected		U
vinyl acetate	50	Not detected		U
2-butanone	50	522		
2,2-dichloropropane	10	Not detected		U
cis-1,2-dichloroethene	10	Not detected		U
chloroform	10	Not detected		U
bromochloromethane	10	Not detected		U
1,1,1-trichloroethane	10	Not detected		U
carbon tetrachloride	10	Not detected		U
1,1-dichloropropene	10	Not detected		U
benzene	10	Not detected		U
1,2-dichloroethane	10	Not detected		U
trichloroethene	10	Not detected		U
1,2-dichloropropane	10	Not detected		U
bromodichloromethane	10	Not detected		U
4-methyl-2-pentanone	10	267		
cis-1,3-dichloropropene	10	Not detected		U
toluene	10	18		
trans-1,3-dichloropropene	10	Not detected		U
1,1,2-trichloroethane	10	Not detected		U
2-hexanone	50	Not detected		U
tetrachloroethene	10	Not detected		U
1,3-dichloropropane	10	Not detected		U
dibromochloromethane	10	Not detected		U
1,2-dibromoethane	10	Not detected		U
1-chlorohexane	10	Not detected		U
chlorobenzene	10	Not detected		U
1,1,1,2-tetrachloroethane	10	Not detected		U
ethylbenzene	10	Not detected		U
m,p-xylene	20	Not detected		U

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Solid

WST ID: WT18242

Client ID: D-001

Extraction Date: NA

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	10	Not detected		U
styrene	10	Not detected		U
bromoform	10	Not detected		U
isopropylbenzene	10	Not detected		U
1,1,2,2-tetrachloroethane	10	Not detected		U
bromobenzene	10	Not detected		U
1,2,3-trichloropropane	10	Not detected		U
n-propylbenzene	10	Not detected		U
2-chlorotoluene	10	Not detected		U
1,3,5-trimethylbenzene	10	Not detected		U
4-chlorotoluene	10	Not detected		U
tert-butylbenzene	10	Not detected		U
1,2,4-trimethylbenzene	10	21		
sec-butylbenzene	10	Not detected		U
p-isopropyltoluene	10	Not detected		U
1,3-dichlorobenzene	10	Not detected		U
1,4-dichlorobenzene	10	Not detected		U
n-butylbenzene	10	Not detected		U
1,2-dichlorobenzene	10	Not detected		U
1,2-dibromo-3-chloropropane	50	Not detected		U
1,2,4-trichlorobenzene	10	Not detected		U
hexachlorobutadiene	10	Not detected		U
naphthalene	10	34		
1,2,3-trichlorobenzene	10	Not detected		U
1,2-Dichloroethane-d4 (%)		118	76-118	
Toluene-d8 (%)		82	73-117	
Bromofluorobenzene (%)		147	76-115	#

Dilution Factor 5

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18245

Client ID: D-004

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	5000	Not detected		U
chloromethane	5000	Not detected		U
vinyl chloride	5000	Not detected		U
bromomethane	5000	Not detected		U
chloroethane	5000	Not detected		U
trichlorofluoromethane	5000	Not detected		U
1,1-dichloroethene	1000	Not detected		U
acetone	5000	Not detected		U
methyl-tert-butyl ether	1000	Not detected		U
carbon disulfide	1000	Not detected		U
methylene chloride	1000	Not detected		U
trans-1,2-dichloroethene	1000	Not detected		U
1,1-dichloroethane	1000	Not detected		U
vinyl acetate	5000	Not detected		U
2-butanone	5000	Not detected		U
2,2-dichloropropane	1000	Not detected		U
cis-1,2-dichloroethene	1000	Not detected		U
chloroform	1000	Not detected		U
bromochloromethane	1000	Not detected		U
1,1,1-trichloroethane	1000	Not detected		U
carbon tetrachloride	1000	Not detected		U
1,1-dichloropropene	1000	Not detected		U
benzene	1000	1310		
1,2-dichloroethane	1000	Not detected		U
trichloroethene	1000	Not detected		U
1,2-dichloropropane	1000	Not detected		U
bromodichloromethane	1000	Not detected		U
4-methyl-2-pentanone	1000	Not detected		U
cis-1,3-dichloropropene	1000	Not detected		U
toluene	1000	57300		
trans-1,3-dichloropropene	1000	Not detected		U
1,1,2-trichloroethane	1000	Not detected		U
2-hexanone	5000	Not detected		U
tetrachloroethene	1000	Not detected		U
1,3-dichloropropane	1000	Not detected		U
dibromochloromethane	1000	Not detected		U
1,2-dibromoethane	1000	Not detected		U
1-chlorohexane	1000	Not detected		U
chlorobenzene	1000	Not detected		U
1,1,1,2-tetrachloroethane	1000	Not detected		U
ethylbenzene	1000	69900		
m,p-xylene	2000	368000		D

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18245
Client ID: D-004
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	1000	200000		D
styrene	1000	1540		
bromoform	1000	Not detected		U
isopropylbenzene	1000	15100		
1,1,2,2-tetrachloroethane	1000	Not detected		U
bromobenzene	1000	Not detected		U
1,2,3-trichloropropane	1000	Not detected		U
n-propylbenzene	1000	61900		
2-chlorotoluene	1000	Not detected		U
1,3,5-trimethylbenzene	1000	198000		D
4-chlorotoluene	1000	Not detected		U
tert-butylbenzene	1000	Not detected		U
1,2,4-trimethylbenzene	1000	707000		D
sec-butylbenzene	1000	9960		
p-isopropyltoluene	1000	6130		
1,3-dichlorobenzene	1000	Not detected		U
1,4-dichlorobenzene	1000	Not detected		U
n-butylbenzene	1000	78400		
1,2-dichlorobenzene	1000	Not detected		U
1,2-dibromo-3-chloropropane	5000	Not detected		U
1,2,4-trichlorobenzene	1000	Not detected		U
hexachlorobutadiene	1000	Not detected		U
naphthalene	1000	729000		D
1,2,3-trichlorobenzene	1000	Not detected		U
1,2-Dichloroethane-d4 (%)		108	76-118	
Toluene-d8 (%)		102	73-117	
Bromofluorobenzene (%)		83	76-115	

Dilution Factor 500

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18247

Client ID: D-009

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	5000	Not detected		U
chloromethane	5000	Not detected		U
vinyl chloride	5000	Not detected		U
bromomethane	5000	Not detected		U
chloroethane	5000	Not detected		U
trichlorofluoromethane	5000	Not detected		U
1,1-dichloroethene	1000	Not detected		U
acetone	5000	Not detected		U
methyl-tert-butyl ether	1000	Not detected		U
carbon disulfide	1000	Not detected		U
methylene chloride	1000	Not detected		U
trans-1,2-dichloroethene	1000	Not detected		U
1,1-dichloroethane	1000	Not detected		U
vinyl acetate	5000	Not detected		U
2-butanone	5000	Not detected		U
2,2-dichloropropane	1000	Not detected		U
cis-1,2-dichloroethene	1000	Not detected		U
chloroform	1000	Not detected		U
bromochloromethane	1000	Not detected		U
1,1,1-trichloroethane	1000	Not detected		U
carbon tetrachloride	1000	Not detected		U
1,1-dichloropropene	1000	Not detected		U
benzene	1000	Not detected		U
1,2-dichloroethane	1000	Not detected		U
trichloroethene	1000	Not detected		U
1,2-dichloropropane	1000	Not detected		U
bromodichloromethane	1000	Not detected		U
4-methyl-2-pentanone	1000	Not detected		U
cis-1,3-dichloropropene	1000	Not detected		U
toluene	1000	4220		
trans-1,3-dichloropropene	1000	Not detected		U
1,1,2-trichloroethane	1000	Not detected		U
2-hexanone	5000	Not detected		U
tetrachloroethene	1000	Not detected		U
1,3-dichloropropane	1000	Not detected		U
dibromochloromethane	1000	Not detected		U
1,2-dibromoethane	1000	Not detected		U
1-chlorohexane	1000	Not detected		U
chlorobenzene	1000	Not detected		U
1,1,1,2-tetrachloroethane	1000	Not detected		U
ethylbenzene	1000	18000		
m,p-xylene	2000	111000		

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18247
Client ID: D-009
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	1000	69400		
styrene	1000	Not detected		U
bromoform	1000	Not detected		U
isopropylbenzene	1000	6220		
1,1,2,2-tetrachloroethane	1000	Not detected		U
bromobenzene	1000	Not detected		U
1,2,3-trichloropropane	1000	Not detected		U
n-propylbenzene	1000	31700		
2-chlorotoluene	1000	Not detected		U
1,3,5-trimethylbenzene	1000	109000		D
4-chlorotoluene	1000	Not detected		U
tert-butylbenzene	1000	Not detected		U
1,2,4-trimethylbenzene	1000	409000		D
sec-butylbenzene	1000	6120		
p-isopropyltoluene	1000	4360		
1,3-dichlorobenzene	1000	Not detected		U
1,4-dichlorobenzene	1000	Not detected		U
n-butylbenzene	1000	57600		
1,2-dichlorobenzene	1000	Not detected		U
1,2-dibromo-3-chloropropane	5000	Not detected		U
1,2,4-trichlorobenzene	1000	Not detected		U
hexachlorobutadiene	1000	Not detected		U
naphthalene	1000	428000		D
1,2,3-trichlorobenzene	1000	Not detected		U
1,2-Dichloroethane-d4 (%)		101	76-118	
Toluene-d8 (%)		89	73-117	
Bromofluorobenzene (%)		82	76-115	

Dilution Factor 500

Waste Stream Technology, Inc.

Volatile Organics in Water

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/L
Matrix: Aqueous

WST ID: WT18248
Client ID: C-002
Extraction Date: NA
Date Analyzed: 05/20/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	20	Not detected		U
chloromethane	20	Not detected		U
vinyl chloride	10	Not detected		U
bromomethane	20	Not detected		U
chloroethane	20	Not detected		U
trichlorofluoromethane	10	Not detected		U
1,1-dichloroethene	10	Not detected		U
acetone	100	747		
carbon disulfide	10	Not detected		U
methylene chloride	20	Not detected		U
methyl-t-butyl ether	10	Not detected		U
trans-1,2-dichloroethene	10	Not detected		U
1,1-dichloroethane	10	Not detected		U
vinyl acetate	100	Not detected		U
2-butanone	100	Not detected		U
2,2-dichloropropane	10	Not detected		U
cis-1,2-dichloroethene	10	Not detected		U
chloroform	10	Not detected		U
bromochloromethane	10	Not detected		U
1,1,1-trichloroethane	10	Not detected		U
carbon tetrachloride	10	Not detected		U
1,1-dichloropropene	10	Not detected		U
benzene	10	Not detected		U
1,2-dichloroethane	10	Not detected		U
trichloroethene	10	Not detected		U
1,2-dichloropropane	10	Not detected		U
bromodichloromethane	10	Not detected		U
2-chloroethylvinyl ether	100	Not detected		U
4-methyl-2-pentanone	100	Not detected		U
cis-1,3-dichloropropene	10	Not detected		U
toluene	10	Not detected		U
trans-1,3-dichloropropene	10	Not detected		U
1,1,2-trichloroethane	10	Not detected		U
2-hexanone	100	Not detected		U
tetrachloroethene	10	Not detected		U
1,3-dichloropropane	10	Not detected		U
dibromochloromethane	10	Not detected		U
1,2-dibromoethane	10	Not detected		U
1-chlorohexane	10	Not detected		U
chlorobenzene	10	Not detected		U
1,1,1,2-tetrachloroethane	10	Not detected		U
ethylbenzene	10	Not detected		U

Waste Stream Technology, Inc.

Volatile Organics in Water

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/L

Matrix: Aqueous

WST ID: WT18248

Client ID: C-002

Extraction Date: NA

Date Analyzed: 05/20/03

Compound	MQL	Result	QC Limits (%)	Qualifier
m,p-xylene	20	Not detected		U
o-xylene	10	Not detected		U
styrene	10	Not detected		U
bromoform	10	Not detected		U
isopropylbenzene	10	Not detected		U
1,1,2,2-tetrachloroethane	10	Not detected		U
bromobenzene	10	Not detected		U
1,2,3-trichloropropane	10	Not detected		U
n-propylbenzene	10	Not detected		U
2-chlorotoluene	10	Not detected		U
1,3,5-trimethylbenzene	10	Not detected		U
4-chlorotoluene	10	Not detected		U
tert-butylbenzene	10	Not detected		U
1,2,4-trimethylbenzene	10	Not detected		U
sec-butylbenzene	10	Not detected		U
p-isopropyltoluene	10	Not detected		U
1,3-dichlorobenzene	10	Not detected		U
1,4-dichlorobenzene	10	Not detected		U
n-butylbenzene	10	Not detected		U
1,2-dichlorobenzene	10	Not detected		U
1,2-dibromo-3-chloropropane	100	Not detected		U
1,2,4-trichlorobenzene	10	Not detected		U
hexachlorobutadiene	10	Not detected		U
naphthalene	10	15		
1,2,3-trichlorobenzene	10	Not detected		U
1,2-Dichloroethane-d4 (%)		105	76- 114	
Toluene-d8 (%)		101	84- 118	
Bromofluorobenzene (%)		104	82- 117	

Dilution Factor 10

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18249

Client ID: C-003

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	5000	Not detected		U
chloromethane	5000	Not detected		U
vinyl chloride	5000	Not detected		U
bromomethane	5000	Not detected		U
chloroethane	5000	Not detected		U
trichlorofluoromethane	5000	Not detected		U
1,1-dichloroethene	1000	Not detected		U
acetone	5000	Not detected		U
methyl-tert-butyl ether	1000	Not detected		U
carbon disulfide	1000	Not detected		U
methylene chloride	1000	1240		
trans-1,2-dichloroethene	1000	Not detected		U
1,1-dichloroethane	1000	Not detected		U
vinyl acetate	5000	Not detected		U
2-butanone	5000	Not detected		U
2,2-dichloropropane	1000	Not detected		U
cis-1,2-dichloroethene	1000	Not detected		U
chloroform	1000	Not detected		U
bromochloromethane	1000	Not detected		U
1,1,1-trichloroethane	1000	Not detected		U
carbon tetrachloride	1000	Not detected		U
1,1-dichloropropene	1000	Not detected		U
benzene	1000	Not detected		U
1,2-dichloroethane	1000	Not detected		U
trichloroethene	1000	Not detected		U
1,2-dichloropropane	1000	Not detected		U
bromodichloromethane	1000	Not detected		U
4-methyl-2-pentanone	1000	Not detected		U
cis-1,3-dichloropropene	1000	Not detected		U
toluene	1000	2020		
trans-1,3-dichloropropene	1000	Not detected		U
1,1,2-trichloroethane	1000	Not detected		U
2-hexanone	5000	Not detected		U
tetrachloroethene	1000	Not detected		U
1,3-dichloropropane	1000	Not detected		U
dibromochloromethane	1000	Not detected		U
1,2-dibromoethane	1000	Not detected		U
1-chlorohexane	1000	Not detected		U
chlorobenzene	1000	Not detected		U
1,1,1,2-tetrachloroethane	1000	Not detected		U
ethylbenzene	1000	21100		
m,p-xylene	2000	138000		

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18249

Client ID: C-003

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	1000	94800		
styrene	1000	Not detected		U
bromoform	1000	Not detected		U
isopropylbenzene	1000	9640		
1,1,2,2-tetrachloroethane	1000	Not detected		U
bromobenzene	1000	Not detected		U
1,2,3-trichloropropane	1000	Not detected		U
n-propylbenzene	1000	49800		
2-chlorotoluene	1000	Not detected		U
1,3,5-trimethylbenzene	1000	200000		D
4-chlorotoluene	1000	Not detected		U
tert-butylbenzene	1000	Not detected		U
1,2,4-trimethylbenzene	1000	796000		D
sec-butylbenzene	1000	9880		
p-isopropyltoluene	1000	7300		
1,3-dichlorobenzene	1000	Not detected		U
1,4-dichlorobenzene	1000	Not detected		U
n-butylbenzene	1000	127000		D
1,2-dichlorobenzene	1000	Not detected		U
1,2-dibromo-3-chloropropane	5000	Not detected		U
1,2,4-trichlorobenzene	1000	Not detected		U
hexachlorobutadiene	1000	Not detected		U
naphthalene	1000	874000		D
1,2,3-trichlorobenzene	1000	Not detected		U
1,2-Dichloroethane-d4 (%)		103	76-118	
Toluene-d8 (%)		95	73-117	
Bromofluorobenzene (%)		81	76-115	

Dilution Factor 500

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18251

Client ID: C-005

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	5000	Not detected		U
chloromethane	5000	Not detected		U
vinyl chloride	5000	Not detected		U
bromomethane	5000	Not detected		U
chloroethane	5000	Not detected		U
trichlorofluoromethane	5000	Not detected		U
1,1-dichloroethene	1000	Not detected		U
acetone	5000	Not detected		U
methyl-tert-butyl ether	1000	Not detected		U
carbon disulfide	1000	Not detected		U
methylene chloride	1000	Not detected		U
trans-1,2-dichloroethene	1000	Not detected		U
1,1-dichloroethane	1000	Not detected		U
vinyl acetate	5000	Not detected		U
2-butanone	5000	Not detected		U
2,2-dichloropropane	1000	Not detected		U
cis-1,2-dichloroethene	1000	Not detected		U
chloroform	1000	Not detected		U
bromochloromethane	1000	Not detected		U
1,1,1-trichloroethane	1000	Not detected		U
carbon tetrachloride	1000	Not detected		U
1,1-dichloropropene	1000	Not detected		U
benzene	1000	Not detected		U
1,2-dichloroethane	1000	Not detected		U
trichloroethene	1000	Not detected		U
1,2-dichloropropane	1000	Not detected		U
bromodichloromethane	1000	Not detected		U
4-methyl-2-pentanone	1000	Not detected		U
cis-1,3-dichloropropene	1000	Not detected		U
toluene	1000	7000		
trans-1,3-dichloropropene	1000	Not detected		U
1,1,2-trichloroethane	1000	Not detected		U
2-hexanone	5000	Not detected		U
tetrachloroethene	1000	Not detected		U
1,3-dichloropropane	1000	Not detected		U
dibromochloromethane	1000	Not detected		U
1,2-dibromoethane	1000	Not detected		U
1-chlorohexane	1000	Not detected		U
chlorobenzene	1000	Not detected		U
1,1,1,2-tetrachloroethane	1000	Not detected		U
ethylbenzene	1000	Not detected		U
m,p-xylene	2000	Not detected		U

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18251

Client ID: C-005

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	1000	Not detected		U
styrene	1000	Not detected		U
bromoform	1000	Not detected		U
isopropylbenzene	1000	Not detected		U
1,1,2,2-tetrachloroethane	1000	Not detected		U
bromobenzene	1000	Not detected		U
1,2,3-trichloropropane	1000	Not detected		U
n-propylbenzene	1000	Not detected		U
2-chlorotoluene	1000	Not detected		U
1,3,5-trimethylbenzene	1000	1500		
4-chlorotoluene	1000	Not detected		U
tert-butylbenzene	1000	Not detected		U
1,2,4-trimethylbenzene	1000	5730		
sec-butylbenzene	1000	Not detected		U
p-isopropyltoluene	1000	Not detected		U
1,3-dichlorobenzene	1000	Not detected		U
1,4-dichlorobenzene	1000	Not detected		U
n-butylbenzene	1000	1530		
1,2-dichlorobenzene	1000	Not detected		U
1,2-dibromo-3-chloropropane	5000	Not detected		U
1,2,4-trichlorobenzene	1000	Not detected		U
hexachlorobutadiene	1000	Not detected		U
naphthalene	1000	15700		
1,2,3-trichlorobenzene	1000	Not detected		U
1,2-Dichloroethane-d4 (%)		101	76- 118	
Toluene-d8 (%)		92	73- 117	
Bromofluorobenzene (%)		85	76- 115	

Dilution Factor 500

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18252
Client ID: C-006
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	5000	Not detected		U
chloromethane	5000	Not detected		U
vinyl chloride	5000	Not detected		U
bromomethane	5000	Not detected		U
chloroethane	5000	Not detected		U
trichlorofluoromethane	5000	Not detected		U
1,1-dichloroethene	1000	Not detected		U
acetone	5000	Not detected		U
methyl-tert-butyl ether	1000	Not detected		U
carbon disulfide	1000	Not detected		U
methylene chloride	1000	173000		D
trans-1,2-dichloroethene	1000	Not detected		U
1,1-dichloroethane	1000	Not detected		U
vinyl acetate	5000	Not detected		U
2-butanone	5000	Not detected		U
2,2-dichloropropane	1000	Not detected		U
cis-1,2-dichloroethene	1000	Not detected		U
chloroform	1000	Not detected		U
bromochloromethane	1000	Not detected		U
1,1,1-trichloroethane	1000	12900		
carbon tetrachloride	1000	Not detected		U
1,1-dichloropropene	1000	Not detected		U
benzene	1000	Not detected		U
1,2-dichloroethane	1000	Not detected		U
trichloroethene	1000	Not detected		U
1,2-dichloropropane	1000	Not detected		U
bromodichloromethane	1000	Not detected		U
4-methyl-2-pentanone	1000	Not detected		U
cis-1,3-dichloropropene	1000	Not detected		U
toluene	1000	2810		
trans-1,3-dichloropropene	1000	Not detected		U
1,1,2-trichloroethane	1000	Not detected		U
2-hexanone	5000	Not detected		U
tetrachloroethene	1000	952000		D
1,3-dichloropropane	1000	Not detected		U
dibromochloromethane	1000	Not detected		U
1,2-dibromoethane	1000	Not detected		U
1-chlorohexane	1000	Not detected		U
chlorobenzene	1000	Not detected		U
1,1,1,2-tetrachloroethane	1000	Not detected		U
ethylbenzene	1000	4670		
m,p-xylene	2000	6990		

Waste Stream Technology, Inc.

Volatile Organics in Soil

SW-846 8260B

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18252
Client ID: C-006
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
o-xylene	1000	6960		
styrene	1000	Not detected		U
bromoform	1000	Not detected		U
isopropylbenzene	1000	5650		
1,1,2,2-tetrachloroethane	1000	Not detected		U
bromobenzene	1000	Not detected		U
1,2,3-trichloropropane	1000	Not detected		U
n-propylbenzene	1000	12600		
2-chlorotoluene	1000	Not detected		U
1,3,5-trimethylbenzene	1000	18600		
4-chlorotoluene	1000	Not detected		U
tert-butylbenzene	1000	Not detected		U
1,2,4-trimethylbenzene	1000	71800		
sec-butylbenzene	1000	6790		
p-isopropyltoluene	1000	6780		
1,3-dichlorobenzene	1000	Not detected		U
1,4-dichlorobenzene	1000	Not detected		U
n-butylbenzene	1000	20600		
1,2-dichlorobenzene	1000	Not detected		U
1,2-dibromo-3-chloropropane	5000	Not detected		U
1,2,4-trichlorobenzene	1000	Not detected		U
hexachlorobutadiene	1000	Not detected		U
naphthalene	1000	15600		
1,2,3-trichlorobenzene	1000	Not detected		U
1,2-Dichloroethane-d4 (%)		101	76-118	
Toluene-d8 (%)		94	73-117	
Bromofluorobenzene (%)		78	76-115	

Dilution Factor 500

Waste Stream Technology, Inc.

VOC Soil Method Blank Results

SW-846 8260B

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB051603 I
Client ID: NA
Extraction Date: NA
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	10	Not detected		U
chloromethane	10	Not detected		U
vinyl chloride	10	Not detected		U
bromomethane	10	Not detected		U
chloroethane	10	Not detected		U
trichlorofluoromethane	10	Not detected		U
1,1-dichloroethene	2	Not detected		U
acetone	10	Not detected		U
methyl-tert-butyl ether	2	Not detected		U
carbon disulfide	2	Not detected		U
methylene chloride	2	10		
trans-1,2-dichloroethene	2	Not detected		U
1,1-dichloroethane	2	Not detected		U
vinyl acetate	10	Not detected		U
2-butanone	10	Not detected		U
2,2-dichloropropane	2	Not detected		U
cis-1,2-dichloroethene	2	Not detected		U
chloroform	2	Not detected		U
bromochloromethane	2	Not detected		U
1,1,1-trichloroethane	2	Not detected		U
carbon tetrachloride	2	Not detected		U
1,1-dichloropropene	2	Not detected		U
benzene	2	Not detected		U
1,2-dichloroethane	2	Not detected		U
trichloroethene	2	Not detected		U
1,2-dichloropropane	2	Not detected		U
bromodichloromethane	2	Not detected		U
4-methyl-2-pentanone	2	Not detected		U
cis-1,3-dichloropropene	2	Not detected		U
toluene	2	Not detected		U
trans-1,3-dichloropropene	2	Not detected		U
1,1,2-trichloroethane	2	Not detected		U
2-hexanone	10	Not detected		U
tetrachloroethene	2	Not detected		U
1,3-dichloropropane	2	Not detected		U
dibromochloromethane	2	Not detected		U
1,2-dibromoethane	2	Not detected		U
1-chlorohexane	2	Not detected		U
chlorobenzene	2	Not detected		U
1,1,1,2-tetrachloroethane	2	Not detected		U
ethylbenzene	2	Not detected		U

Waste Stream Technology, Inc.

VOC Soil Method Blank Results

SW-846 8260B

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB051603 I
Client ID: NA
Extraction Date: NA
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
m,p-xylene	4	Not detected		U
o-xylene	2	Not detected		U
styrene	2	Not detected		U
bromoform	2	Not detected		U
isopropylbenzene	2	Not detected		U
1,1,2,2-tetrachloroethane	2	Not detected		U
bromobenzene	2	Not detected		U
1,2,3-trichloropropane	2	Not detected		U
n-propylbenzene	2	Not detected		U
2-chlorotoluene	2	Not detected		U
1,3,5-trimethylbenzene	2	Not detected		U
4-chlorotoluene	2	Not detected		U
tert-butylbenzene	2	Not detected		U
1,2,4-trimethylbenzene	2	Not detected		U
sec-butylbenzene	2	Not detected		U
p-isopropyltoluene	2	Not detected		U
1,3-dichlorobenzene	2	Not detected		U
1,4-dichlorobenzene	2	Not detected		U
n-butylbenzene	2	Not detected		U
1,2-dichlorobenzene	2	Not detected		U
1,2-dibromo-3-chloropropane	10	Not detected		U
1,2,4-trichlorobenzene	2	Not detected		U
hexachlorobutadiene	2	Not detected		U
naphthalene	2	Not detected		U
1,2,3-trichlorobenzene	2	Not detected		U
1,2-Dichloroethane-d4 (%)		103	76-118	
Toluene-d8 (%)		99	73-117	
Bromofluorobenzene (%)		95	76-115	

Dilution Factor 1

MB denotes Method Blank

NA denotes Not Applicable

Waste Stream Technology, Inc.

VOC Soil Method Blank Results

SW-846 8260B

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB051603 II
Client ID: NA
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
dichlorodifluoromethane	1250	Not detected		U
chloromethane	1250	Not detected		U
vinyl chloride	1250	Not detected		U
bromomethane	1250	Not detected		U
chloroethane	1250	Not detected		U
trichlorofluoromethane	1250	Not detected		U
1,1-dichloroethene	250	Not detected		U
acetone	1250	Not detected		U
methyl-tert-butyl ether	250	Not detected		U
carbon disulfide	250	Not detected		U
methylene chloride	250	Not detected		U
trans-1,2-dichloroethene	250	Not detected		U
1,1-dichloroethane	250	Not detected		U
vinyl acetate	1250	Not detected		U
2-butanone	1250	Not detected		U
2,2-dichloropropane	250	Not detected		U
cis-1,2-dichloroethene	250	Not detected		U
chloroform	250	Not detected		U
bromochloromethane	250	Not detected		U
1,1,1-trichloroethane	250	Not detected		U
carbon tetrachloride	250	Not detected		U
1,1-dichloropropene	250	Not detected		U
benzene	250	Not detected		U
1,2-dichloroethane	250	Not detected		U
trichloroethene	250	Not detected		U
1,2-dichloropropane	250	Not detected		U
bromodichloromethane	250	Not detected		U
4-methyl-2-pentanone	250	Not detected		U
cis-1,3-dichloropropene	250	Not detected		U
toluene	250	Not detected		U
trans-1,3-dichloropropene	250	Not detected		U
1,1,2-trichloroethane	250	Not detected		U
2-hexanone	1250	Not detected		U
tetrachloroethene	250	Not detected		U
1,3-dichloropropane	250	Not detected		U
dibromochloromethane	250	Not detected		U
1,2-dibromoethane	250	Not detected		U
1-chlorohexane	250	Not detected		U
chlorobenzene	250	Not detected		U
1,1,1,2-tetrachloroethane	250	Not detected		U
ethylbenzene	250	Not detected		U

Waste Stream Technology, Inc.

VOC Soil Method Blank Results

SW-846 8260B

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB051603 II
Client ID: NA
Extraction Date: 05/16/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
m,p-xylene	500	Not detected		U
o-xylene	250	Not detected		U
styrene	250	Not detected		U
bromoform	250	Not detected		U
isopropylbenzene	250	Not detected		U
1,1,2,2-tetrachloroethane	250	Not detected		U
bromobenzene	250	Not detected		U
1,2,3-trichloropropane	250	Not detected		U
n-propylbenzene	250	Not detected		U
2-chlorotoluene	250	Not detected		U
1,3,5-trimethylbenzene	250	Not detected		U
4-chlorotoluene	250	Not detected		U
tert-butylbenzene	250	Not detected		U
1,2,4-trimethylbenzene	250	Not detected		U
sec-butylbenzene	250	Not detected		U
p-isopropyltoluene	250	Not detected		U
1,3-dichlorobenzene	250	Not detected		U
1,4-dichlorobenzene	250	Not detected		U
n-butylbenzene	250	Not detected		U
1,2-dichlorobenzene	250	Not detected		U
1,2-dibromo-3-chloropropane	1250	Not detected		U
1,2,4-trichlorobenzene	250	Not detected		U
hexachlorobutadiene	250	Not detected		U
naphthalene	250	Not detected		U
1,2,3-trichlorobenzene	250	Not detected		U
1,2-Dichloroethane-d4 (%)		104	76-118	
Toluene-d8 (%)		102	73-117	
Bromofluorobenzene (%)		92	76-115	

Dilution Factor 125

MB denotes Method Blank

NA denotes Not Applicable

Waste Stream Technology, Inc.**Semivolatile Organics in Water**

3510/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/L
Matrix: Aqueous

WST ID: WT18246
Client ID: D-005
Extraction Date: 05/12/03
Date Analyzed: 05/12/03

Compound	MQL	Result	QC Limits (%)	Qualifier
n-nitrosodimethylamine	20	104		
bis(2-Chloroethyl)ether	20	Not detected		U
Phenol	40	Not detected		U
2-Chlorophenol	40	Not detected		U
1,3-Dichlorobenzene	20	Not detected		U
1,4-Dichlorobenzene	20	Not detected		U
1,2-Dichlorobenzene	20	Not detected		U
Benzyl alcohol	20	Not detected		U
bis(2-chloroisopropyl)ether	20	Not detected		U
2-Methylphenol	20	Not detected		U
Hexachloroethane	20	Not detected		U
N-Nitroso-di-n-propylamine	20	Not detected		U
3 & 4-methylphenol	40	Not detected		U
Benzoic acid	100	1920		
Nitrobenzene	20	Not detected		U
Isophorone	20	Not detected		U
2-Nitrophenol	40	Not detected		U
2,4-Dimethylphenol	40	Not detected		U
bis(2-Chloroethoxy)methane	20	Not detected		U
2,4-Dichlorophenol	40	Not detected		U
1,2,4-Trichlorobenzene	20	Not detected		U
Naphthalene	20	Not detected		U
4-Chloroaniline	20	Not detected		U
Hexachlorobutadiene	20	Not detected		U
4-Chloro-3-methylphenol	40	Not detected		U
2-Methylnaphthalene	20	Not detected		U
Hexachlorocyclopentadiene	40	Not detected		U
2,4,6-Trichlorophenol	40	Not detected		U
2,4,5-Trichlorophenol	20	Not detected		U
2-Chloronaphthalene	20	Not detected		U
2-Nitroaniline	20	Not detected		U
Acenaphthylene	20	Not detected		U
Dimethylphthalate	20	Not detected		U
2,6-Dinitrotoluene	20	Not detected		U
Acenaphthene	20	Not detected		U
3-Nitroaniline	20	Not detected		U
2,4-Dinitrophenol	40	Not detected		U
Dibenzofuran	20	Not detected		U
2,4-Dinitrotoluene	20	Not detected		U

Waste Stream Technology, Inc.**Semivolatile Organics in Water**

3510/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/L
Matrix: Aqueous

WST ID: WT18246
Client ID: D-005
Extraction Date: 05/12/03
Date Analyzed: 05/12/03

Compound	ML	Result	QC Limits (%)	Qualifier
4-Nitrophenol	40	Not detected		U
Fluorene	20	Not detected		U
4-Chlorophenyl-phenylether	20	Not detected		U
Diethylphthalate	20	Not detected		U
4-Nitroaniline	20	Not detected		U
4,6-Dinitro-2-methylphenol	40	Not detected		U
n-Nitrosodiphenylamine	20	Not detected		U
4-Bromophenyl-phenylether	20	Not detected		U
Hexachlorobenzene	20	Not detected		U
Pentachlorophenol	40	Not detected		U
Phenanthrene	20	27		
Anthracene	20	Not detected		U
Di-n-butylphthalate	20	20		
Fluoranthene	20	Not detected		U
Carbazole	20	Not detected		U
Pyrene	20	Not detected		U
Benzidine	100	Not detected		U
Butylbenzylphthalate	20	Not detected		U
3,3'-Dichlorobenzidine	20	Not detected		U
Benzo[a]anthracene	20	Not detected		U
Chrysene	20	Not detected		U
bis(2-Ethylhexyl)phthalate	20	40		
Di-n-octylphthalate	20	Not detected		U
Benzo[b]fluoranthene	20	Not detected		U
Benzo[k]fluoranthene	20	Not detected		U
Benzo[a]pyrene	20	Not detected		U
Indeno[1,2,3-cd]pyrene	20	Not detected		U
Dibenz[a,h]anthracene	20	Not detected		U
Benzo[g,h,i]perylene	20	Not detected		U
2-Fluorophenol (%)		37	23-58	
Phenol-d6 (%)		22	16-41	
Nitrobenzene-d5 (%)		76	43-106	
2-Fluorobiphenyl (%)		83	50-112	
2,4,6-Tribromophenol (%)		72	60-124	
Terphenyl-d14 (%)		108	57-122	

Dilution Factor 10

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18247
Client ID: D-009
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	ML	Result	QC Limits (%)	Qualifier
phenol	7800	9880		
bis(2-chloroethyl)ether	4020	Not detected		U
2-chlorophenol	7800	Not detected		U
1,3-dichlorobenzene	4020	Not detected		U
1,4-dichlorobenzene	4020	Not detected		U
benzyl alcohol	4020	Not detected		U
1,2-dichlorobenzene	4020	Not detected		U
2-methylphenol	4020	Not detected		U
bis(2-chloroisopropyl)ether	4020	Not detected		U
3 & 4-methylphenol	7800	Not detected		U
N-nitrosodi-n-propylamine	4020	Not detected		U
hexachloroethane	4020	Not detected		U
nitrobenzene	4020	Not detected		U
isophorone	4020	Not detected		U
2-nitrophenol	7800	Not detected		U
2,4-dimethylphenol	7800	Not detected		U
bis(2-chloroethoxy)methane	4020	Not detected		U
benzoic acid	19800	Not detected		U
2,4-dichlorophenol	7800	Not detected		U
1,2,4-trichlorobenzene	4020	Not detected		U
naphthalene	4020	301000		
4-chloroaniline	4020	Not detected		U
hexachlorobutadiene	4020	Not detected		U
4-chloro-3-methylphenol	7800	Not detected		U
2-methylnaphthalene	4020	584000		D
hexachlorocyclopentadiene	7800	Not detected		U
2,4,6-trichlorophenol	7800	Not detected		U
2,4,5-trichlorophenol	4020	Not detected		U
2-chloronaphthalene	4020	Not detected		U
2-nitroaniline	4020	Not detected		U
dimethylphthalate	4020	Not detected		U
acenaphthylene	4020	5100		
3-nitroaniline	4020	Not detected		U
2,6-dinitrotoluene	4020	Not detected		U
acenaphthene	4020	Not detected		U
2,4-dinitrophenol	7800	Not detected		U
4-nitrophenol	7800	Not detected		U
dibenzofuran	4020	Not detected		U
2,4-dinitrotoluene	4020	Not detected		U

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18247
Client ID: D-009
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
diethylphthalate	4020	Not detected		U
fluorene	4020	12200		
4-nitroaniline	4020	Not detected		U
4-chlorophenylphenylether	4020	Not detected		U
4,6-dinitro 2-methylphenol	7800	Not detected		U
n-nitrosodiphenylamine	4020	31800		
4-bromophenylphenylether	4020	Not detected		U
hexachlorobenzene	4020	Not detected		U
pentachlorophenol	7800	Not detected		U
phenanthrene	4020	34700		
anthracene	4020	Not detected		U
carbazole	4020	Not detected		U
di-n-butylphthalate	4020	Not detected		U
fluoranthene	4020	Not detected		U
benzidine	19800	Not detected		U
pyrene	4020	43000		
butylbenzylphthalate	4020	Not detected		U
3,3'-dichlorobenzidine	4020	Not detected		U
benzo(a)anthracene	4020	Not detected		U
chrysene	4020	Not detected		U
bis(2-ethylhexyl)phthalate	4020	119000		
di-n-octylphthalate	4020	Not detected		U
benzo[b]fluoranthene	4020	Not detected		U
benzo[k]fluoranthene	4020	Not detected		U
benzo[a]pyrene	4020	Not detected		U
indeno[1,2,3-cd]pyrene	4020	Not detected		U
dibenzo[a,h]anthracene	4020	Not detected		U
benzo[g,h,i]perylene	4020	Not detected		U
2-Fluorophenol (%)		71	49-106	
Phenol-d6 (%)		77	53-115	
Nitrobenzene-d5 (%)		73	55-117	
2-Fluorobiphenyl (%)		87	55-124	
2,4,6-Tribromophenol (%)		115	39-149	
Terphenyl-d14 (%)		156	60-137	#

Dilution Factor 60

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18249
Client ID: C-003
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	ML	Result	QC Limits (%)	Qualifier
phenol	7800	9960		
bis(2-chloroethyl)ether	4020	Not detected		U
2-chlorophenol	7800	Not detected		U
1,3-dichlorobenzene	4020	Not detected		U
1,4-dichlorobenzene	4020	Not detected		U
benzyl alcohol	4020	Not detected		U
1,2-dichlorobenzene	4020	Not detected		U
2-methylphenol	4020	Not detected		U
bis(2-chloroisopropyl)ether	4020	Not detected		U
3 & 4-methylphenol	7800	Not detected		U
N-nitrosodi-n-propylamine	4020	Not detected		U
hexachloroethane	4020	Not detected		U
nitrobenzene	4020	Not detected		U
isophorone	4020	Not detected		U
2-nitrophenol	7800	Not detected		U
2,4-dimethylphenol	7800	Not detected		U
bis(2-chloroethoxy)methane	4020	Not detected		U
benzoic acid	19800	Not detected		U
2,4-dichlorophenol	7800	Not detected		U
1,2,4-trichlorobenzene	4020	Not detected		U
naphthalene	4020	379000		D
4-chloroaniline	4020	Not detected		U
hexachlorobutadiene	4020	Not detected		U
4-chloro-3-methylphenol	7800	Not detected		U
2-methylnaphthalene	4020	698000		D
hexachlorocyclopentadiene	7800	Not detected		U
2,4,6-trichlorophenol	7800	Not detected		U
2,4,5-trichlorophenol	4020	Not detected		U
2-chloronaphthalene	4020	Not detected		U
2-nitroaniline	4020	Not detected		U
dimethylphthalate	4020	Not detected		U
acenaphthylene	4020	7280		
3-nitroaniline	4020	Not detected		U
2,6-dinitrotoluene	4020	Not detected		U
acenaphthene	4020	4340		
2,4-dinitrophenol	7800	Not detected		U
4-nitrophenol	7800	Not detected		U
dibenzofuran	4020	Not detected		U
2,4-dinitrotoluene	4020	Not detected		U

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18249
Client ID: C-003
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
diethylphthalate	4020	Not detected		U
fluorene	4020	14400		
4-nitroaniline	4020	Not detected		U
4-chlorophenylphenylether	4020	Not detected		U
4,6-dinitro 2-methylphenol	7800	Not detected		U
n-nitrosodiphenylamine	4020	31200		
4-bromophenylphenylether	4020	Not detected		U
hexachlorobenzene	4020	Not detected		U
pentachlorophenol	7800	Not detected		U
phenanthrene	4020	43600		
anthracene	4020	8220		
carbazole	4020	Not detected		U
di-n-butylphthalate	4020	Not detected		U
fluoranthene	4020	7900		
benzidine	19800	Not detected		U
pyrene	4020	76000		
butylbenzylphthalate	4020	Not detected		U
3,3'-dichlorobenzidine	4020	Not detected		U
benzo(a)anthracene	4020	10100		
chrysene	4020	12200		
bis(2-ethylhexyl)phthalate	4020	52100		
di-n-octylphthalate	4020	Not detected		U
benzo[b]fluoranthene	4020	Not detected		U
benzo[k]fluoranthene	4020	Not detected		U
benzo[a]pyrene	4020	Not detected		U
indeno[1,2,3-cd]pyrene	4020	Not detected		U
dibenzo[a,h]anthracene	4020	Not detected		U
benzo[g,h,i]perylene	4020	Not detected		U
2-Fluorophenol (%)		59	49- 106	
Phenol-d6 (%)		59	53- 115	
Nitrobenzene-d5 (%)		57	55- 117	
2-Fluorobiphenyl (%)		75	55- 124	
2,4,6-Tribromophenol (%)		100	39- 149	
Terphenyl-d14 (%)		136	60- 137	

Dilution Factor 60

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18251
Client ID: C-005
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	ML	Result	QC Limits (%)	Qualifier
phenol	7800	Not detected		U
bis(2-chloroethyl)ether	4020	Not detected		U
2-chlorophenol	7800	Not detected		U
1,3-dichlorobenzene	4020	Not detected		U
1,4-dichlorobenzene	4020	Not detected		U
benzyl alcohol	4020	Not detected		U
1,2-dichlorobenzene	4020	Not detected		U
2-methylphenol	4020	Not detected		U
bis(2-chloroisopropyl)ether	4020	Not detected		U
3 & 4-methylphenol	7800	Not detected		U
N-nitrosodi-n-propylamine	4020	Not detected		U
hexachloroethane	4020	Not detected		U
nitrobenzene	4020	Not detected		U
isophorone	4020	Not detected		U
2-nitrophenol	7800	Not detected		U
2,4-dimethylphenol	7800	Not detected		U
bis(2-chloroethoxy)methane	4020	Not detected		U
benzoic acid	19800	Not detected		U
2,4-dichlorophenol	7800	Not detected		U
1,2,4-trichlorobenzene	4020	Not detected		U
naphthalene	4020	9160		
4-chloroaniline	4020	Not detected		U
hexachlorobutadiene	4020	Not detected		U
4-chloro-3-methylphenol	7800	Not detected		U
2-methylnaphthalene	4020	44000		
hexachlorocyclopentadiene	7800	Not detected		U
2,4,6-trichlorophenol	7800	Not detected		U
2,4,5-trichlorophenol	4020	Not detected		U
2-chloronaphthalene	4020	Not detected		U
2-nitroaniline	4020	Not detected		U
dimethylphthalate	4020	Not detected		U
acenaphthylene	4020	Not detected		U
3-nitroaniline	4020	Not detected		U
2,6-dinitrotoluene	4020	Not detected		U
acenaphthene	4020	Not detected		U
2,4-dinitrophenol	7800	Not detected		U
4-nitrophenol	7800	Not detected		U
dibenzofuran	4020	Not detected		U
2,4-dinitrotoluene	4020	Not detected		U

Waste Stream Technology, Inc.**Semivolatile Organics in Solids**

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/Kg

Matrix: Oil

WST ID: WT18251

Client ID: C-005

Extraction Date: 05/14/03

Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
diethylphthalate	4020	Not detected		U
fluorene	4020	Not detected		U
4-nitroaniline	4020	Not detected		U
4-chlorophenylphenylether	4020	Not detected		U
4,6-dinitro 2-methylphenol	7800	Not detected		U
n-nitrosodiphenylamine	4020	Not detected		U
4-bromophenylphenylether	4020	Not detected		U
hexachlorobenzene	4020	Not detected		U
pentachlorophenol	7800	Not detected		U
phenanthrene	4020	7260		
anthracene	4020	Not detected		U
carbazole	4020	Not detected		U
di-n-butylphthalate	4020	Not detected		U
fluoranthene	4020	Not detected		U
benzidine	19800	Not detected		U
pyrene	4020	Not detected		U
butylbenzylphthalate	4020	Not detected		U
3,3'-dichlorobenzidine	4020	Not detected		U
benzo(a)anthracene	4020	Not detected		U
chrysene	4020	Not detected		U
bis(2-ethylhexyl)phthalate	4020	Not detected		U
di-n-octylphthalate	4020	Not detected		U
benzo[b]fluoranthene	4020	Not detected		U
benzo[k]fluoranthene	4020	Not detected		U
benzo[a]pyrene	4020	Not detected		U
indeno[1,2,3-cd]pyrene	4020	Not detected		U
dibenzo[a,h]anthracene	4020	Not detected		U
benzo[g,h,i]perylene	4020	Not detected		U
2-Fluorophenol (%)		71	49-106	
Phenol-d6 (%)		71	53-115	
Nitrobenzene-d5 (%)		69	55-117	
2-Fluorobiphenyl (%)		84	55-124	
2,4,6-Tribromophenol (%)		98	39-149	
Terphenyl-d14 (%)		147	60-137	#

Dilution Factor 60

Waste Stream Technology, Inc.

Semivolatile Organics in Solids

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18252
Client ID: C-006
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
phenol	7800	Not detected		U
bis(2-chloroethyl)ether	4020	Not detected		U
2-chlorophenol	7800	Not detected		U
1,3-dichlorobenzene	4020	Not detected		U
1,4-dichlorobenzene	4020	Not detected		U
benzyl alcohol	4020	Not detected		U
1,2-dichlorobenzene	4020	Not detected		U
2-methylphenol	4020	Not detected		U
bis(2-chloroisopropyl)ether	4020	Not detected		U
3 & 4-methylphenol	7800	Not detected		U
N-nitrosodi-n-propylamine	4020	Not detected		U
hexachloroethane	4020	Not detected		U
nitrobenzene	4020	Not detected		U
isophorone	4020	Not detected		U
2-nitrophenol	7800	Not detected		U
2,4-dimethylphenol	7800	Not detected		U
bis(2-chloroethoxy)methane	4020	Not detected		U
benzoic acid	19800	Not detected		U
2,4-dichlorophenol	7800	Not detected		U
1,2,4-trichlorobenzene	4020	Not detected		U
naphthalene	4020	24000		
4-chloroaniline	4020	Not detected		U
hexachlorobutadiene	4020	Not detected		U
4-chloro-3-methylphenol	7800	Not detected		U
2-methylnaphthalene	4020	37400		
hexachlorocyclopentadiene	7800	Not detected		U
2,4,6-trichlorophenol	7800	Not detected		U
2,4,5-trichlorophenol	4020	Not detected		U
2-chloronaphthalene	4020	Not detected		U
2-nitroaniline	4020	Not detected		U
dimethylphthalate	4020	Not detected		U
acenaphthylene	4020	Not detected		U
3-nitroaniline	4020	Not detected		U
2,6-dinitrotoluene	4020	Not detected		U
acenaphthene	4020	Not detected		U
2,4-dinitrophenol	7800	Not detected		U
4-nitrophenol	7800	Not detected		U
dibenzofuran	4020	Not detected		U
2,4-dinitrotoluene	4020	Not detected		U

Waste Stream Technology, Inc.**Semivolatile Organics in Solids**

3550/8270

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Oil

WST ID: WT18252
Client ID: C-006
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
diethylphthalate	4020	Not detected		U
fluorene	4020	Not detected		U
4-nitroaniline	4020	Not detected		U
4-chlorophenylphenylether	4020	Not detected		U
4,6-dinitro 2-methylphenol	7800	Not detected		U
n-nitrosodiphenylamine	4020	Not detected		U
4-bromophenylphenylether	4020	Not detected		U
hexachlorobenzene	4020	Not detected		U
pentachlorophenol	7800	Not detected		U
phenanthrene	4020	130000		
anthracene	4020	Not detected		U
carbazole	4020	Not detected		U
di-n-butylphthalate	4020	Not detected		U
fluoranthene	4020	Not detected		U
benzidine	19800	Not detected		U
pyrene	4020	Not detected		U
butylbenzylphthalate	4020	Not detected		U
3,3'-dichlorobenzidine	4020	Not detected		U
benzo(a)anthracene	4020	Not detected		U
chrysene	4020	Not detected		U
bis(2-ethylhexyl)phthalate	4020	Not detected		U
di-n-octylphthalate	4020	Not detected		U
benzo[b]fluoranthene	4020	Not detected		U
benzo[k]fluoranthene	4020	Not detected		U
benzo[a]pyrene	4020	Not detected		U
indeno[1,2,3-cd]pyrene	4020	Not detected		U
dibenzo[a,h]anthracene	4020	Not detected		U
benzo[g,h,i]perylene	4020	Not detected		U
2-Fluorophenol (%)		72	49- 106	
Phenol-d6 (%)		75	53- 115	
Nitrobenzene-d5 (%)		72	55- 117	
2-Fluorobiphenyl (%)		121	55- 124	
2,4,6-Tribromophenol (%)		95	39- 149	
Terphenyl-d14 (%)		109	60- 137	

Dilution Factor 60

Waste Stream Technology, Inc.**Method 8270 Water Method Blank**

SW-846 8270

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/L

WST ID: MB051203
Client ID: NA
Extraction Date: 05/12/03
Date Analyzed: 05/12/03

Compound	MQL	Result	QC Limits (%)	Qualifier
n-nitrosodimethylamine	2	Not detected		U
bis(2-Chloroethyl)ether	2	Not detected		U
Phenol	4	Not detected		U
2-Chlorophenol	4	Not detected		U
1,3-Dichlorobenzene	2	Not detected		U
1,4-Dichlorobenzene	2	Not detected		U
1,2-Dichlorobenzene	2	Not detected		U
Benzyl alcohol	2	Not detected		U
bis(2-chloroisopropyl)ether	2	Not detected		U
2-Methylphenol	2	Not detected		U
Hexachloroethane	2	Not detected		U
N-nitroso-di-n-propylamine	2	Not detected		U
3 & 4 Methylphenol	4	Not detected		U
Nitrobenzene	2	Not detected		U
Isophorone	2	Not detected		U
2-Nitrophenol	4	Not detected		U
2,4-Dimethylphenol	4	Not detected		U
bis(2-Chloroethoxy)methane	2	Not detected		U
2,4-Dichlorophenol	4	Not detected		U
1,2,4-Trichlorobenzene	2	Not detected		U
Naphthalene	2	Not detected		U
4-Chloroaniline	2	Not detected		U
Hexachlorobutadiene	2	Not detected		U
4-Chloro-3-methylphenol	4	Not detected		U
2-Methylnaphthalene	2	Not detected		U
Hexachlorocyclopentadiene	4	Not detected		U
2,4,6-Trichlorophenol	4	Not detected		U
2,4,5-Trichlorophenol	2	Not detected		U
2-Chloronaphthalene	2	Not detected		U
2-Nitroaniline	2	Not detected		U
Acenaphthylene	2	Not detected		U
Dimethylphthalate	2	Not detected		U
2,6-Dinitrotoluene	2	Not detected		U
Acenaphthene	2	Not detected		U
3-Nitroaniline	2	Not detected		U
2,4-Dinitrophenol	4	Not detected		U
Dibenzofuran	2	Not detected		U
2,4-Dinitrotoluene	2	Not detected		U
4-Nitrophenol	4	Not detected		U
Fluorene	2	Not detected		U

Waste Stream Technology, Inc.**Method 8270 Water Method Blank****SW-846 8270**

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/L

WST ID: MB051203
Client ID: NA
Extraction Date: 05/12/03
Date Analyzed: 05/12/03

Compound	MQL	Result	QC Limits (%)	Qualifier
4-Chlorophenyl-phenylether	2	Not detected		U
Diethylphthalate	2	Not detected		U
4-Nitroaniline	2	Not detected		U
4,6-Dinitro-2-methylphenol	4	Not detected		U
n-Nitrosodiphenylamine	2	Not detected		U
4-Bromophenyl-phenylether	2	Not detected		U
Hexachlorobenzene	2	Not detected		U
Pentachlorophenol	4	Not detected		U
Phenanthrene	2	Not detected		U
Anthracene	2	Not detected		U
Di-n-butylphthalate	2	Not detected		U
Fluoranthene	2	Not detected		U
Pyrene	2	Not detected		U
Butylbenzylphthalate	2	Not detected		U
3,3'-Dichlorobenzidine	2	Not detected		U
Benzo[a]anthracene	2	Not detected		U
Chrysene	2	Not detected		U
bis(2-Ethylhexyl)phthalate	2	Not detected		U
Di-n-octylphthalate	2	Not detected		U
Benzo[b]fluoranthene	2	Not detected		U
Benzo[k]fluoranthene	2	Not detected		U
Benzo[a]pyrene	2	Not detected		U
Indeno[1,2,3-cd]pyrene	2	Not detected		U
Dibenz[a,h]anthracene	2	Not detected		U
Benzo[g,h,i]perylene	2	Not detected		U
Benzdine	10	Not detected		U
Benzoic acid	10	Not detected		U
Carbazole	2	Not detected		U
2-Fluorophenol (%)		36	23-58	
Phenol-d6 (%)		21	16-41	
Nitrobenzene-d5 (%)		78	43-106	
2-Fluorobiphenyl (%)		83	50-112	
2,4,6-Tribromophenol (%)		87	60-124	
Terphenyl-d14 (%)		85	57-122	

Dilution Factor 1

MB denotes Method Blank

NA denotes Not Applicable

Waste Stream Technology, Inc.**Method Blank for Soil SVOC****3550/8270**

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066

Units: µg/Kg

WST ID: MB051403

Client ID: NA

Extraction Date: 05/14/03

Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
n-nitrosodimethylamine	4020	Not detected		U
phenol	7800	Not detected		U
bis(2-chloroethyl)ether	4020	Not detected		U
2-chlorophenol	7800	Not detected		U
1,3-dichlorobenzene	4020	Not detected		U
1,4-dichlorobenzene	4020	Not detected		U
benzyl alcohol	4020	Not detected		U
1,2-dichlorobenzene	4020	Not detected		U
2-methylphenol	4020	Not detected		U
bis(2-chloroisopropyl)ether	4020	Not detected		U
3 & 4-methylphenol	7800	Not detected		U
n-nitroso-di-n-propylamine	4020	Not detected		U
hexachloroethane	4020	Not detected		U
nitrobenzene	4020	Not detected		U
isophorone	4020	Not detected		U
2-nitrophenol	7800	Not detected		U
2,4-dimethylphenol	7800	Not detected		U
bis(2-chloroethoxy)methane	4020	Not detected		U
benzoic acid	19800	Not detected		U
2,4-dichlorophenol	7800	Not detected		U
1,2,4-trichlorobenzene	4020	Not detected		U
naphthalene	4020	Not detected		U
4-chloroaniline	4020	Not detected		U
hexachlorobutadiene	4020	Not detected		U
4-chloro-3-methylphenol	7800	Not detected		U
2-methylnaphthalene	4020	Not detected		U
hexachlorocyclopentadiene	7800	Not detected		U
2,4,6-trichlorophenol	7800	Not detected		U
2,4,5-trichlorophenol	4020	Not detected		U
2-chloronaphthalene	4020	Not detected		U
2-nitroaniline	4020	Not detected		U
dimethylphthalate	4020	Not detected		U
acenaphthylene	4020	Not detected		U
3-nitroaniline	4020	Not detected		U
2,6-dinitrotoluene	4020	Not detected		U
acenaphthene	4020	Not detected		U
2,4-dinitrophenol	7800	Not detected		U
4-nitrophenol	7800	Not detected		U
dibenzofuran	4020	Not detected		U
2,4-dinitrotoluene	4020	Not detected		U

Waste Stream Technology, Inc.

Method Blank for Soil SVOC

3550/8270

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB051403
Client ID: NA
Extraction Date: 05/14/03
Date Analyzed: 05/14/03

Compound	MQL	Result	QC Limits (%)	Qualifier
diethylphthalate	4020	Not detected		U
fluorene	4020	Not detected		U
4-nitroaniline	4020	Not detected		U
4-chlorophenylphenylether	4020	Not detected		U
4,6-dinitro-2-methylphenol	7800	Not detected		U
n-nitrosodiphenylamine	4020	Not detected		U
4-bromophenylphenylether	4020	Not detected		U
hexachlorobenzene	4020	Not detected		U
pentachlorophenol	7800	Not detected		U
phenanthrene	4020	Not detected		U
anthracene	4020	Not detected		U
carbazole	4020	Not detected		U
di-n-butylphthalate	4020	Not detected		U
fluoranthene	4020	Not detected		U
benzidine	19800	Not detected		U
pyrene	4020	Not detected		U
butylbenzylphthalate	4020	Not detected		U
3,3'-dichlorobenzidine	4020	Not detected		U
benzo(a)anthracene	4020	Not detected		U
chrysene	4020	Not detected		U
bis(2-ethylhexyl)phthalate	4020	Not detected		U
di-n-octylphthalate	4020	Not detected		U
benzo(b)fluoranthene	4020	Not detected		U
benzo(k)fluoranthene	4020	Not detected		U
benzo(a)pyrene	4020	Not detected		U
indeno(1,2,3-cd)pyrene	4020	Not detected		U
dibenzo(a,h)anthracene	4020	Not detected		U
benzo(g,h,i)perylene	4020	Not detected		U
2-Fluorophenol (%)		86	49-106	
Phenol-d6 (%)		85	53-115	
Nitrobenzene-d5 (%)		78	55-117	
2-Fluorobiphenyl (%)		81	55-124	
2,4,6-Tribromophenol (%)		87	39-149	
Terphenyl-d14 (%)		83	60-137	

Dilution Factor 60

MB denotes Method Blank

NA denotes Not Applicable

Waste Stream Technology, Inc.

PCBs in Soil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/Kg
Matrix: Solid

WST ID: WT18242
Client ID: D-001
Extraction Date: 05/15/03
Date Analyzed: 05/19/03

Compound	ML	Result	QC Limits (%)	Qualifier
aroclor 1016	3.3	Not detected		U
aroclor 1221	3.3	Not detected		U
aroclor 1232	3.3	Not detected		U
aroclor 1242	3.3	Not detected		U
aroclor 1248	3.3	Not detected		U
aroclor 1254	3.3	Not detected		U
aroclor 1260	3.3	45		
Decachlorobiphenyl (%)		66	64- 127	
Tetrachloro-m-xylene (%)		64	74- 122	#

Dilution Factor 1

Waste Stream Technology, Inc.

PCBs in Water

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/L

Matrix: Aqueous

WST ID: WT18243

Client ID: D-002

Extraction Date: 05/13/03

Date Analyzed: 05/13/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	0.100	Not detected		U
aroclor 1221	0.100	Not detected		U
aroclor 1232	0.100	Not detected		U
aroclor 1242	0.100	Not detected		U
aroclor 1248	0.100	Not detected		U
aroclor 1254	0.100	Not detected		U
aroclor 1260	0.100	Not detected		U
Decachlorobiphenyl (%)		94	62- 127	
Tetrachloro-m-xylene (%)		97	58- 124	

Dilution Factor 2

Waste Stream Technology, Inc.

PCBs in Water

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: µg/L

Matrix: Aqueous

WST ID: WT18244

Client ID: D-003

Extraction Date: 05/13/03

Date Analyzed: 05/13/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	0.100	Not detected		U
aroclor 1221	0.100	Not detected		U
aroclor 1232	0.100	Not detected		U
aroclor 1242	0.100	Not detected		U
aroclor 1248	0.100	Not detected		U
aroclor 1254	0.100	Not detected		U
aroclor 1260	0.100	Not detected		U
Decachlorobiphenyl (%)		114	62- 127	
Tetrachloro-m-xylene (%)		114	58- 124	

Dilution Factor 2

Waste Stream Technology, Inc.

PCBs in Oil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18245
Client ID: D-004
Extraction Date: 05/15/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
Aroclor 1016	0.5	Not detected		U
Aroclor 1221	0.5	Not detected		U
Aroclor 1232	0.5	Not detected		U
Aroclor 1242	0.5	Not detected		U
Aroclor 1248	0.5	Not detected		U
Aroclor 1254	0.5	Not detected		U
Aroclor 1260	0.5	Not detected		U
Decachlorobiphenyl (%)		51	42- 150	
Tetrachloro-m-xylene (%)		75	52- 123	

Dilution Factor 1

Waste Stream Technology, Inc.

PCBs in Water

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/L
Matrix: Aqueous

WST ID: WT18246
Client ID: D-005
Extraction Date: 05/13/03
Date Analyzed: 05/13/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	1.00	Not detected		U
aroclor 1221	1.00	Not detected		U
aroclor 1232	1.00	Not detected		U
aroclor 1242	1.00	Not detected		U
aroclor 1248	1.00	Not detected		U
aroclor 1254	1.00	Not detected		U
aroclor 1260	1.00	Not detected		U
Decachlorobiphenyl (%)		100	62-127	
Tetrachloro-m-xylene (%)		103	58-124	

Dilution Factor 20

Waste Stream Technology, Inc.

PCBs in Oil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18247
Client ID: D-009
Extraction Date: 05/15/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
Aroclor 1016	0.5	Not detected		U
Aroclor 1221	0.5	Not detected		U
Aroclor 1232	0.5	Not detected		U
Aroclor 1242	0.5	Not detected		U
Aroclor 1248	0.5	Not detected		U
Aroclor 1254	0.5	Not detected		U
Aroclor 1260	0.5	Not detected		U
Decachlorobiphenyl (%)		53	42- 150	
Tetrachloro-m-xylene (%)		69	52- 123	

Dilution Factor 1

Waste Stream Technology, Inc.

PCBs in Water

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: µg/L
Matrix: Aqueous

WST ID: WT18248
Client ID: C-002
Extraction Date: 05/13/03
Date Analyzed: 05/13/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	1.00	Not detected		U
aroclor 1221	1.00	Not detected		U
aroclor 1232	1.00	Not detected		U
aroclor 1242	1.00	Not detected		U
aroclor 1248	1.00	Not detected		U
aroclor 1254	1.00	Not detected		U
aroclor 1260	1.00	Not detected		U
Decachlorobiphenyl (%)		96	62-127	
Tetrachloro-m-xylene (%)		97	58-124	

Dilution Factor 20

Waste Stream Technology, Inc.

PCBs in Oil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18249
Client ID: C-003
Extraction Date: 05/15/03
Date Analyzed: 05/17/03

Compound	MQL	Result	QC Limits (%)	Qualifier
Aroclor 1016	2.50	Not detected		U
Aroclor 1221	2.50	Not detected		U
Aroclor 1232	2.50	Not detected		U
Aroclor 1242	2.50	Not detected		U
Aroclor 1248	2.50	Not detected		U
Aroclor 1254	2.50	Not detected		U
Aroclor 1260	2.50	Not detected		U
Decachlorobiphenyl (%)		73	42- 150	
Tetrachloro-m-xylene (%)		82	52- 123	

Dilution Factor 5

Waste Stream Technology, Inc.

PCBs in Oil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18251
Client ID: C-005
Extraction Date: 05/15/03
Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
Aroclor 1016	0.5	Not detected		U
Aroclor 1221	0.5	Not detected		U
Aroclor 1232	0.5	Not detected		U
Aroclor 1242	0.5	Not detected		U
Aroclor 1248	0.5	Not detected		U
Aroclor 1254	0.5	Not detected		U
Aroclor 1260	0.5	Not detected		U
Decachlorobiphenyl (%)		78	42-150	
Tetrachloro-m-xylene (%)		85	52-123	

Dilution Factor 1

Waste Stream Technology, Inc.

PCBs in Oil

SW-846 8082

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066

Units: mg/Kg

Matrix: Oil

WST ID: WT18252

Client ID: C-006

Extraction Date: 05/15/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
Aroclor 1016	0.5	Not detected		U
Aroclor 1221	0.5	Not detected		U
Aroclor 1232	0.5	Not detected		U
Aroclor 1242	0.5	Not detected		U
Aroclor 1248	0.5	Not detected		U
Aroclor 1254	0.5	Not detected		U
Aroclor 1260	0.5	0.6		
Decachlorobiphenyl (%)		92	42- 150	
Tetrachloro-m-xylene (%)		83	52- 123	

Dilution Factor 1

Waste Stream Technology, Inc.

Method Blank for PCBs in Soil

SW-846 8082

Site: Roblin Steel
Date Sampled: NA
Date Received: NA

Group Number: 2031-1066
Units: µg/Kg

WST ID: MB03135
Client ID: NA
Extraction Date: 05/15/03
Date Analyzed: 05/19/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	3.3	Not detected		U
aroclor 1221	3.3	Not detected		U
aroclor 1232	3.3	Not detected		U
aroclor 1242	3.3	Not detected		U
aroclor 1248	3.3	Not detected		U
aroclor 1254	3.3	Not detected		U
aroclor 1260	3.3	Not detected		U
Decachlorobiphenyl (%)		75	64-127	
Tetrachloro-m-xylene (%)		87	74-122	

Dilution Factor 1

MB denotes Method Blank

NA denotes Not Applicable

Waste Stream Technology, Inc.

pH in Water

EPA 150.1

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Aqueous
Units: pH Units

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18243	D-002	NA	4.87	05/13/03
WT18244	D-003	NA	4.72	05/13/03
WT18246	D-005	NA	8.59	05/13/03
WT18248	C-002	NA	8.26	05/13/03

Waste Stream Technology, Inc.

Ignitability (flash point)

SW-846 1010

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Solid
Units: ° F

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18241	CP-001	NA	>200	05/13/03

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.

Waste Stream Technology, Inc.

Ignitability (flash point)

SW-846 1010

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Aqueous
Units: ° F

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18243	D-002	NA	>200	05/13/03
WT18244	D-003	NA	>200	05/13/03
WT18246	D-005	NA	>200	05/13/03
WT18248	C-002	NA	>200	05/13/03

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.

Waste Stream Technology, Inc.

Ignitability (flash point)

SW-846 1010

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Oil
Units: ° F

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18245	D-004	NA	>200	05/13/03
WT18247	D-009	NA	>200	05/13/03
WT18250	C-004	NA	>200	05/13/03
WT18251	C-005	NA	>200	05/13/03
WT18252	C-006	NA	>200	05/13/03

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.

Waste Stream Technology, Inc.
BTU Determination
D240-92

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Oil
Units: BTU/lb

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18245	D-004	43.0	18400	05/13/03
WT18247	D-009	43.0	18400	05/13/03
WT18250	C-004	43.0	17600	05/13/03
WT18251	C-005	43.0	19300	05/13/03
WT18252	C-006	43.0	19200	05/13/03

Waste Stream Technology, Inc.
Total Organic Carbon
EPA 415.1

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Matrix: Aqueous
Units: mg/L

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT18243	D-002	200	2460	05/13/03
WT18244	D-003	200	1910	05/13/03

Waste Stream Technology, Inc.
TCLP Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/L
Matrix: TCLP Extract
TCLP Extraction Date: 05/08/03

WST ID: WT18241
Client ID: CP-001
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.045	Not detected	05/13/03	SW-846 6010
Barium by ICP	0.025	0.384	05/13/03	SW-846 6010
Cadmium by ICP	0.025	Not detected	05/13/03	SW-846 6010
Chromium by ICP	0.025	Not detected	05/13/03	SW-846 6010
Lead by ICP	0.075	0.172	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	05/12/03	SW-846 7470
Selenium by ICP	0.095	Not detected	05/13/03	SW-846 6010
Silver by ICP	0.025	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
TCLP Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/L
Matrix: TCLP Extract
TCLP Extraction Date: 05/08/03

WST ID: WT18242
Client ID: D-001
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.045	Not detected	05/13/03	SW-846 6010
Barium by ICP	0.025	0.365	05/13/03	SW-846 6010
Cadmium by ICP	0.025	0.039	05/13/03	SW-846 6010
Chromium by ICP	0.025	Not detected	05/13/03	SW-846 6010
Lead by ICP	0.075	0.199	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	05/12/03	SW-846 7470
Selenium by ICP	0.095	Not detected	05/13/03	SW-846 6010
Silver by ICP	0.025	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18245
Client ID: D-004
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	3.40	Not detected	05/13/03	SW-846 6010
Barium by ICP	2.00	35.1	05/13/03	SW-846 6010
Cadmium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Chromium by ICP	2.00	5.02	05/13/03	SW-846 6010
Lead by ICP	8.20	209	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.014	Not detected	05/19/03	SW-846 7471
Selenium by ICP	2.80	Not detected	05/13/03	SW-846 6010
Silver by ICP	1.00	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
TCLP Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/L
Matrix: TCLP Extract
TCLP Extraction Date: 05/08/03

WST ID: WT18246
Client ID: D-005
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.090	Not detected	05/13/03	SW-846 6010
Barium by ICP	0.050	0.055	05/13/03	SW-846 6010
Cadmium by ICP	0.050	Not detected	05/13/03	SW-846 6010
Chromium by ICP	0.050	Not detected	05/13/03	SW-846 6010
Lead by ICP	0.150	Not detected	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	05/12/03	SW-846 7470
Selenium by ICP	0.950	Not detected	05/20/03	SW-846 6010
Silver by ICP	0.050	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
TCLP Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/L
Matrix: TCLP Extract
TCLP Extraction Date: 05/08/03

WST ID: WT18248
Client ID: C-002
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.090	0.250	05/13/03	SW-846 6010
Barium by ICP	0.050	0.053	05/13/03	SW-846 6010
Cadmium by ICP	0.050	Not detected	05/13/03	SW-846 6010
Chromium by ICP	0.050	Not detected	05/13/03	SW-846 6010
Lead by ICP	0.150	1.09	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	05/12/03	SW-846 7470
Selenium by ICP	0.095	Not detected	05/20/03	SW-846 6010
Silver by ICP	0.050	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18250
Client ID: C-004
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	3.40	Not detected	05/13/03	SW-846 6010
Barium by ICP	2.00	27.2	05/13/03	SW-846 6010
Cadmium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Chromium by ICP	2.00	4.38	05/13/03	SW-846 6010
Lead by ICP	8.20	105	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.014	Not detected	05/19/03	SW-846 7471
Selenium by ICP	2.80	Not detected	05/13/03	SW-846 6010
Silver by ICP	1.00	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18251
Client ID: C-005
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	3.40	Not detected	05/13/03	SW-846 6010
Barium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Cadmium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Chromium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Lead by ICP	8.20	9.76	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.014	Not detected	05/19/03	SW-846 7471
Selenium by ICP	2.80	Not detected	05/13/03	SW-846 6010
Silver by ICP	1.00	Not detected	05/13/03	SW-846 6010

Waste Stream Technology, Inc.
Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 05/06/03
Date Received: 05/07/03

Group Number: 2031-1066
Units: mg/Kg
Matrix: Oil

WST ID: WT18252
Client ID: C-006
Digestion Date: 05/13/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	3.40	Not detected	05/13/03	SW-846 6010
Barium by ICP	2.00	28.8	05/13/03	SW-846 6010
Cadmium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Chromium by ICP	2.00	Not detected	05/13/03	SW-846 6010
Lead by ICP	8.20	Not detected	05/13/03	SW-846 6010
Mercury by Cold Vapor	0.014	Not detected	05/19/03	SW-846 7471
Selenium by ICP	2.80	Not detected	05/13/03	SW-846 6010
Silver by ICP	1.00	Not detected	05/13/03	SW-846 6010

WASTESTREAM



Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

CHAIN OF CUSTODY

REPORT TO: Green Environmental Spc

CONTACT: Matt Schmitt

PH.# ()

FAX # ()

BILL TO: Green Environmental

PO#

PROJECT DESCRIPTION: Robin Steel

SAMPLER SIGNATURE: [Signature]

SAMPLE I.D.

OFFICE USE ONLY

GROUP # 2031-1060

DUE DATE

ARE SPECIAL DETECTION LIMITS REQUIRED?
YES ☐ NO ☐
If yes please attach requirements.

Is a QC Package required?
YES ☐ NO ☐
If yes please attach requirements

TURN AROUND TIME: Standard

QUOTATION NUMBER:

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL

SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

ANALYSES TO BE PERFORMED										TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. I.D.		
DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	TCF METALS	PCB	Flash Point	VOA	SVHA	PH			BTU	TOC
BILL TO: Green Engineering	1	CP-001	5/16/03 11:05	C	1	✓	✓	✓	✓	✓	✓	✓	111221
PO#	2	D-001	" 11:00	C	1	✓	✓	✓	✓	✓	✓	✓	111221
PROJECT DESCRIPTION	3	D-002	" 11:05	C	1	✓	✓	✓	✓	✓	✓	✓	111221
SAMPLER SIGNATURE Robin Steel	4	D-003	" 11:10	C	1	✓	✓	✓	✓	✓	✓	✓	111221
SAMPLE I.D.	5	D-004	" 11:10	C	1	✓	✓	✓	✓	✓	✓	✓	111221
	6	D-005	" 11:10	C	1	✓	✓	✓	✓	✓	✓	✓	111221
	7	D-007	" 11:30	C	1	✓	✓	✓	✓	✓	✓	✓	111221
	8	C-002	5/16/03 11:00	C	1	✓	✓	✓	✓	✓	✓	✓	111221
	9	C-003	" 11:00	C	1	✓	✓	✓	✓	✓	✓	✓	111221
	10	C-004	5/16/03 11:10	C	1	✓	✓	✓	✓	✓	✓	✓	111221

REMARKS:

REQUISITIONED BY: [Signature] DATE: 5/17/03 TIME: 12:50

RECEIVED BY: [Signature] DATE: 5/17/03 TIME: 12:50

RECEIVED BY: [Signature] DATE: 5/17/03 TIME: 12:50

Appendix D

Aboveground Solid Waste Sample Analytical Test Results

WASTE STREAM TECHNOLOGY, INC.

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

Analytical Data Report

Report Date : 04/25/03
Group Number : 2031-907

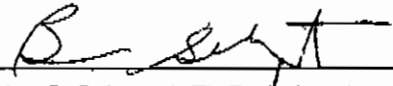
Prepared For :
Mr. Matt Schimpf
Green Environment Spec.
8335 Quarry Rd.
Niagara Falls, NY 14304
Fax: (716) 298-5754

Site: Roblin Steel Site

Above ground Tank Solids

Analytical Parameters**Number of Samples****Turnaround Time**

TCLP Metals (8)	1	3 Business Days
PCBs	1	3 Business Days
pH	1	3 Business Days
Ignitability	1	3 Business Days
Reactive Cyanide	1	3 Business Days
Reactive Sulfide	1	3 Business Days

Report Released By : 

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

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS

NYSDOH ELAP #11179 NJDEPE #73977



Waste Stream Technology, Inc.

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

Analytical Data Report

Group Number: 2031-907

Site: Roblin Steel Site

Field and Laboratory Information

WST ID	Client ID	Matrix	Date Sampled	Date Received	Time
WT17627	MCI030421A	Soil	04/21/03	04/21/03	10:25
WT17628	MCI030421B	Aqueous	04/21/03	04/21/03	10:25

METHODOLOGIES

The specific methodologies employed in obtaining the analytical data reported are indicated on each of the result forms. The method numbers shown refer to the following U.S. Environmental Protection Agency Reference:

Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020, March 1979, Revised 1983, U.S. Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268.

Federal Register, 40 CFR Part 136: Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. Revised July 1992.

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. Third Edition, Revised December 1996, U.S. EPA SW-846.

Annual Book of ASTM Standards, Volume II. ASTM, 100 Harbor Drive, West Conshohocken, PA 19428-2959.

Standard Methods for the Examination of Water and Wastewater. (20th Edition). American Public Health Association, 1105 18th Street, NW, Washington, D.C. 20036.

DETECTION LIMIT DEFINITIONS

MDL = Method Detection Limit. When reported, the MDL is the minimum concentration that can be measured and reported with 99 percent confidence that the concentration is greater than zero.

MQL = Method Quantitation Limit. The MQL is the minimum concentration that can be reliably reported. The MQL is equal to the concentration of the lowest standard used for the initial calibration of the instrument.

Reporting Limit = A reporting limit is the minimum concentration that can be measured and reported for analyses where initial calibration is not applicable. The reporting limit is based on the specifics of the analysis procedure.

ORGANIC DATA QUALIFIERS

- U -** Indicates compound was analyzed for but not detected at the stated MQL or Reporting Limit. If the MDL has been reported, U indicates that the compound was not detected at the MDL.
- J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.
- 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 the sample.
- E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.
- D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.

ORGANIC DATA QUALIFIERS

- U -** Indicates compound was analyzed for but not detected at the stated MQL or Reporting Limit. If the MDL has been reported, U indicates that the compound was not detected at the MDL.
- J -** Indicates an estimated value. This flag is used to qualify the following: when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed; a compound is detected in the sample but the result is less than the method quantitation limit but greater than the statistically calculated laboratory method detection limit; the result for a compound is estimated due to the analysis of a sample beyond the USEPA defined holding time; the result for a compound is estimated due to a quality control sample result that is outside the laboratory quality control recovery limits.
- 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 the sample.
- E -** This flag identifies all compounds whose concentrations exceed the calibration range of the GC/MS instrument of that specific analysis.
- D -** This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G -** Matrix spike recovery is greater than the expected upper limit of analytical performance.
- L -** Matrix spike recovery is less than the expected lower limit of analytical performance.
- # -** Indicates that a surrogate recovery was found to be outside the expected limits of analytical performance.
- \$ -** Indicates that the surrogate compound was diluted out. The sample had to be diluted to obtain analytical results and a recovery could not be calculated.
- (%) -** Indicates that the compound is a surrogate and that the value reported for this compound is in percent recovery. The quality control recovery limits are indicated in the detection limit or QC limits column.

Waste Stream Technology, Inc.
TCLP Metals Analysis Result Report

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Units: mg/L
Matrix: TCLP Extract
TCLP Extraction Date: 04/21/03

WST ID: WT17627
Client ID: MCI030421A
Digestion Date: 04/21/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.045	0.096	04/22/03	SW-846 6010
Barium by ICP	0.025	0.182	04/22/03	SW-846 6010
Cadmium by ICP	0.025	Not detected	04/22/03	SW-846 6010
Chromium by ICP	0.025	1.98	04/22/03	SW-846 6010
Lead by ICP	0.075	0.593	04/22/03	SW-846 6010
Mercury by Cold Vapor	0.001	Not detected	04/24/03	SW-846 7470
Selenium by ICP	0.095	Not detected	04/22/03	SW-846 6010
Silver by ICP	0.025	Not detected	04/22/03	SW-846 6010

Waste Stream Technology, Inc.
Wet Chemistry Analyses

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Matrix: Soil

WST ID: WT17627
Client ID MCI030421A

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
pH in Solid	SW-846 9045C	NA	1.02	pH Units	04/21/03

According to the NYSDOH, pH analyses not performed within 15 minutes need to be reported as "over-aged".

Waste Stream Technology, Inc.
Section 7.3.3.2 Reactive Cyanide
SW-846 9014

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Matrix: Soil
Units: mg/Kg

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT17627	MCI030421A	40.0	Not detected	04/23/03

Waste Stream Technology, Inc.
Section 7.3.4.2 Reactive Sulfide
SW-846 9034

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Matrix: Soil
Units: mg/Kg

WST ID	Client ID	Reporting Limit	Result	Date Analyzed
WT17627	MCI030421A	40.0	56.1	04/23/03

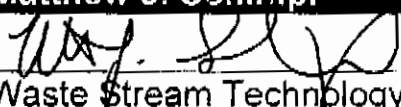
Green Environmental Specialists, Inc.

8335 Quarry Rd
Niagara Falls, New York 14304

Chain of Custody

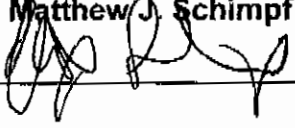
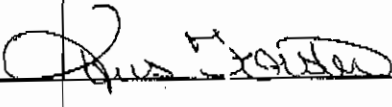
(716) 298-5297

2031-907

Sampler's Name:	Matthew J. Schimpf
Sampler's Signature:	
Facility Sent To:	Waste Stream Technology
Date Into Facility:	April 21, 2003

Site Name:	Roblin Steel Site
Site Address	Oliver St.
City/State/Zip	N. Tonawanda, NY 14120

Date	Time	Sample #	T	Sample Description	Parameters	Comments
4/21/03	09:45	MCI030421A	C	Tank WT17627	Methods: Total Lead ^{9.1} 4/21/03 TCLP Metals pH Cyanide/Sulfide	Quick Turnaround Time 280
4/21/03	10:00	MCI030421B	C	Transformer WT17628	PCB's Flash Point	

Relinquished By	Date	Time	Received By	Date	Time
Matthew J. Schimpf 	4/21/03	10 ³⁰		4/21/03	1025

- Reference Sample I.D. # for Invoicing
- Please include original Chain of Custody form with report package.
- Provide original reports A.S.A.P.

Appendix E

Impacted Soil Sample Analytical Test Results

**Volatile Analysis Report for TCLP Extract**Client: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2

Lab Project Number: 04-1908

Lab Sample Number: 6598

Client Job Number: 20143

Field Location: Area 2A TCLP

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: TCLP Extract

Date Analyzed: 07/14/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 22659.D

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

Signature: _____

Bruce Hoogseeger, 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.

041906V4.XLS



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Cambria Contracting Inc.

Lab Project No.: 04-1906

Client Job Site: Roblin Steel

Lab Sample No.: 6598

Phase 2

Sample Type: TCLP Extract

Client Job No.: 20143

Date Sampled: 07/09/2004

Field Location: Area 2A TCLP

Date Received: 07/12/2004

Field ID No.: N/A

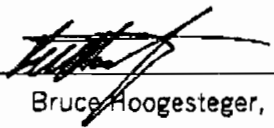
Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/14/2004	EPA 6010	<0.100	5.0
Barium	07/14/2004	EPA 6010	0.407	100.0
Cadmium	07/14/2004	EPA 6010	<0.025	1.0
Chromium	07/14/2004	EPA 6010	<0.050	5.0
Lead	07/14/2004	EPA 6010	<0.100	5.0
Mercury	07/15/2004	EPA 7470	<0.0020	0.2
Selenium	07/14/2004	EPA 6010	<0.100	1.0
Silver	07/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____


 Bruce Hoogesteger, Technical Director

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File ID:041906.xls

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP Extract**Client:** Cambria Contracting, Inc.

Client Job Site: Roblin Steel
 Phase 2
Client Job Number: 20143
Field Location: Area 2B
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 04-1906
Lab Sample Number: 6597
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 847-2530 FAX (585) 847-3311

Client: Cambria Contracting Inc.

Lab Project No.: 04-1906

Lab Sample No.: 6597

Client Job Site: Roblin Steel
Phase 2

Sample Type: TCLP Extract

Client Job No.: 20143

Date Sampled: 07/09/2004

Field Location: Area 2B

Date Received: 07/12/2004

Field ID No.: N/A

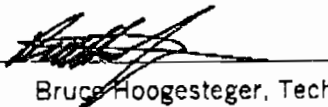
Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/14/2004	EPA 6010	<0.100	5.0
Barium	07/14/2004	EPA 6010	0.502	100.0
Cadmium	07/14/2004	EPA 6010	<0.025	1.0
Chromium	07/14/2004	EPA 6010	<0.050	5.0
Lead	07/14/2004	EPA 6010	0.240	5.0
Mercury	07/15/2004	EPA 7470	<0.0020	0.2
Selenium	07/14/2004	EPA 6010	<0.100	1.0
Silver	07/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

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File ID:041906.xls

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14606 (585) 647-2530 FAX (585) 647-3311

Semi-Volatile STARS Analysis Report for TCLP ExtractClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase II

Lab Project Number: 04-1906

Lab Sample Number: 6597

Client Job Number: 20143

Field Location: Area 2B

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: TCLP Extract

Date Analyzed: 07/18/2004

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20393.D

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.

041906T3.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP ExtractClient: **Cambria Contracting, Inc.**

Client Job Site: Roblin Steel
Phase 2
Client Job Number: 20143
Field Location: Area 4
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 04-1906
Lab Sample Number: 6585
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethane	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 22856.0

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.

041906V1.XLS



ENVIRONMENTAL SERVICES, INC.

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

Semi-Volatile STARS Analysis Report for TCLP ExtractClient: **Cambria Contracting, Inc.**

Client Job Site: Roblin Steel
Phase II
Client Job Number: 20143
Field Location: Area 4
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 04-1906
Lab Sample Number: 6595
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/18/2004

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20391.D

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.

041906T1.XLS



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Cambria Contracting Inc.**

Lab Project No.: 04-1906

Client Job Site: Roblin Steel

Lab Sample No.: 6595

Phase 2

Sample Type: TCLP Extract

Client Job No.: 20143

Date Sampled: 07/09/2004

Field Location: Area 4

Date Received: 07/12/2004

Field ID No.: N/A

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/14/2004	EPA 6010	<0.100	5.0
Barium	07/14/2004	EPA 6010	0.644	100.0
Cadmium	07/14/2004	EPA 6010	<0.025	1.0
Chromium	07/14/2004	EPA 6010	<0.050	5.0
Lead	07/14/2004	EPA 6010	<0.100	5.0
Mercury	07/15/2004	EPA 7470	<0.0020	0.2
Selenium	07/14/2004	EPA 6010	<0.100	1.0
Silver	07/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____


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 sample information, including compliance with sample condition requirements upon receipt.

File ID: 041906.xls



ENVIRONMENTAL SERVICES, INC.

170 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP Extract**Client: Cambria Contracting, Inc.**

Client Job Site: Roblin Steel
Phase 2
Client Job Number: 20143
Field Location: Area 6
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 04-1906
Lab Sample Number: 6596
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 22657.D

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 collection requirements upon receipt.

041906V2.XLS



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client:	Cambria Contracting Inc.	Lab Project No.:	04-1906
Client Job Site:	Roblin Steel	Lab Sample No.:	6596
	Phase 2	Sample Type:	TCLP Extract
Client Job No.:	20143	Date Sampled:	07/09/2004
Field Location:	Area 6	Date Received:	07/12/2004
Field ID No.:	N/A		

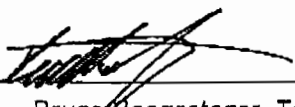
Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/14/2004	EPA 6010	<0.100	5.0
Barium	07/14/2004	EPA 6010	0.568	100.0
Cadmium	07/14/2004	EPA 6010	<0.025	1.0
Chromium	07/14/2004	EPA 6010	<0.050	5.0
Lead	07/14/2004	EPA 6010	0.108	5.0
Mercury	07/15/2004	EPA 7470	<0.0020	0.2
Selenium	07/14/2004	EPA 6010	<0.100	1.0
Silver	07/14/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____


 Bruce Hoogesteger, Technical Director

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File ID:041906.xls

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Semi-Volatile STARS Analysis Report for TCLP ExtractClient: **Cambria Contracting, Inc.**

Client Job Site: Roblin Steel
Phase II
Client Job Number: 20143
Field Location: Area 6
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 04-1906
Lab Sample Number: 6596
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/18/2004

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20392.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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041806T2.XLS

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page 1 of 2

PROJECT NAME/SITE NAME: ROBIN STEEL PHASE 2		COMPANY: CAMBRIA CONTRACTING INC		LAB PROJECT #: 04-1906		CLIENT PROJECT #: 20143	
ADDRESS: 5705 Lockport Rd		ADDRESS: 5705 Lockport Rd		STATE: NY		TURNAROUND TIME: (WORKING DAYS)	
CITY: LOCKPORT		CITY: LOCKPORT		STATE: NY		OTHER	
PHONE: 531-5558		PHONE: 531-5558		FAX: 693-2916		STD ☒ 5	
ATTN: RICHT MARASCIOLO		ATTN: RICHT MARASCIOLO		FAX: 693-2916		3 ☐ 2 ☐ 1 ☐	
COMMENTS: Call Robyn Cierniak 907-3840 (if questions)							

DATE	TIME	COMPOSITE	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	TCLP	PAT	BTX	Total Lead	Total PCBs	REMARKS	PARADIGM LAB SAMPLE NUMBER
17/9/04	1215	X		Area 4	S	2	X					Two jars used to collect extra material	6595
27/9/04	1215	X		Area 6		2	X					1M case needed for analysis	6596
37/9/04	1215	X		Area 2B		2	X					Run 1 test only more suspect for analysis	6597
47/9/04	1215	X		Area 2A TCLP		2	X					each a separate sample	6598
57/9/04	1215		X	Area 2A Sample 1-6		101	X	X	X	X	X	cpc 7/12	6599
6				#2								Sample #'s	6614
7				#3									6615
8				#4								Out of sequence	6616
9				#5								due to CPC	6617
10				#6									6618

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:
☒	☒	☒	☒	22°

Sampled By: Robyn Cierniak	Date/Time: 7/19/04 1215	Relinquished By:	Date/Time:	Total Cost:
Relinquished By: Robyn Cierniak	Date/Time: 7/19/04 1:05P	Received By:	Date/Time:	
Received By: Michael F. M. M. M.	Date/Time: 7/19/04 1215	Received @ Lab By: Polly Randall	Date/Time: 7/12/04 831	P.I.F.

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CHAIN OF CUSTODY

Page 2 of 2

COMPANY: Cambria Contracting Inc. ADDRESS:		LAB PROJECT #: 04-1906 CLIENT PROJECT #: 20143	
CITY: STATE: ZIP:	CITY: STATE: ZIP:	TURNAROUND TIME (WORKING DAYS): PHONE: FAX:	TURNAROUND TIME (WORKING DAYS): PHONE: FAX:
PROJECT NAME/SITE NAME: Robin Steel phase 2 ATTN: Rich marasciulo COMMENTS:		OTHER:	

DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 7/19/04	12:15			Area 2A Sample #7	S	PAH BTX Total Pb PCB		6619
2				#8				6620
3				#9				6621
4				#10				6622
5								
6								
7								
8								
9								
10								

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

Receipt Parameter		NELAC Compliance	
Container Type:	Y ☐ N ☐	Y ☐ N ☐	
Preservation:	Y ☐ N ☐	Y ☐ N ☐	
Holding Time:	Y ☐ N ☐	Y ☐ N ☐	
Temperature:	Y ☐ N ☐	Y ☐ N ☐	

Sampled By: Date/Time:	Total Cost:
Relinquished By: Date/Time:	P.L.F.:
Received By: Kelly Candall Date/Time: 7/12/04 8:31 Received @ Lab By:	

Roblin Steel Site
Area No. 2 Analytical Results

SCS (ug/kg)		1	2	3	4	5	6	7	8	9	10
Samples		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BTEX Testing											
Acenaphthene	50,000	334	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	50,000	556	568	423	ND	1350	ND	ND	656	ND	ND
Benzo-anthracene	224 or MDL	717	555	598	440	2280	713	ND	1910	ND	ND
Benzo-pyrene	61 or MDL	457	823	341	361	1250	668	ND	1140	ND	ND
Benzo-fluoranthene (b)	1,100	831	1140	730	428	2540	910	ND	2420	644	580
Benzo-ptylene	50,000	ND	707	ND	ND	ND	ND	ND	976	ND	ND
Benzo-fluoranthene (k)	1,100	525	388	ND	ND	1020	ND	ND	789	ND	ND
Chrysene	400	816	866	688	454	2330	756	ND	2380	1390	ND
Dibenz anthracene	14 or MDL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50,000	2200	597	1050	524	3730	1190	ND	4290	ND	797
Fluorene	50,000	365	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno pyrene	3,200	ND	633	ND	ND	1150	ND	ND	1040	ND	ND
Naphthalene	13,000	326	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50,000	1860	ND	1340	534	5570	891	ND	3180	ND	619
Pyrene	50,000	1620	777	1430	768	5190	1390	ND	4290	ND	951
PCB Testing											
Lead (mg/l)		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		118	102	181	5.9	262	100	66.7	177	185	29.9

BTEX Testing includes: Benzene, Ethylbenzene, Toluene, m,p Xylene, o-Xylene

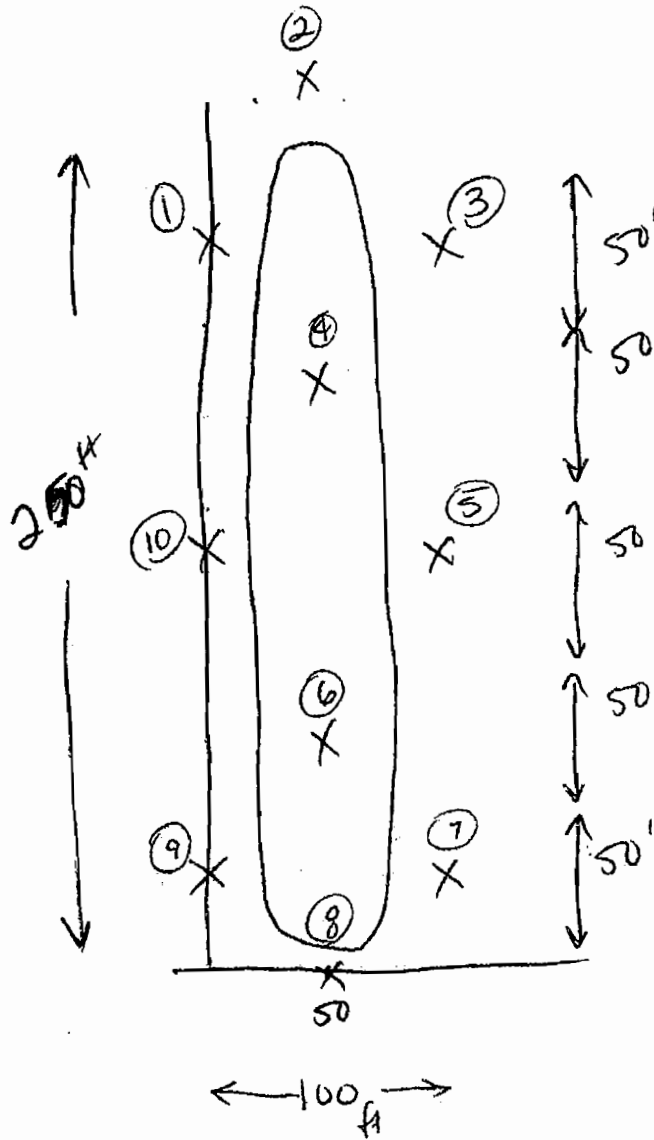
PCB Testing includes: Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260

Stearns & Wheeler
Companies

Subject

Comp. By

Checked By



- NTS -

50' x 50' GRID

10 samples
taken

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2

Client Job Number: 20143

Field Location: Area 2A

Field ID Number: Sample #1

Sample Type: Soil

Lab Project Number: 04-1908

Lab Sample Number: 6599

Date Sampled: 07/09/2004

Date Received: 07/12/2004

Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 7.49
Ethylbenzene	ND< 7.49
Toluene	ND< 7.49
m,p-Xylene	ND< 7.49
o-Xylene	ND< 7.49

ELAP Number 10958 Method: EPA 8260B Data File: 22887.D

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

Signature: _____

Bruce Hoogestegert, Technical Director



ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**

Client Job Site: Roblin Steel

Phase 2

Lab Project Number: 04-1906

Lab Sample Number: 6614

Client Job Number: 20143

Field Location: Area 2A

Date Sampled: 07/09/2004

Field ID Number: Sample #2

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/14/2004

Aromatics	Results In ug / Kg
Benzene	ND< 10.6
Ethylbenzene	ND< 10.6
Toluene	ND< 10.6
m,p-Xylene	ND< 10.6
o-Xylene	ND< 10.6

ELAP Number 10958 Method: EPA 8260B Data File: 22668.D

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

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

Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2Client Job Number: 20143
Field Location: Area 2A
Field ID Number: Sample #3
Sample Type: SoilLab Project Number: 04-1908
Lab Sample Number: 6615Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 9.59
Ethylbenzene	ND< 9.59
Toluene	ND< 9.59
m,p-Xylene	ND< 9.59
o-Xylene	ND< 9.59

ELAP Number 10958

Method: EPA 8260B

Data File: 22669.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



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

Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2

Client Job Number: 20143

Field Location: Area 2A

Field ID Number: Sample #4

Sample Type: Soil

Lab Project Number: 04-1908

Lab Sample Number: 6616

Date Sampled: 07/09/2004

Date Received: 07/12/2004

Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 6.46
Ethylbenzene	ND< 6.46
Toluene	ND< 6.46
m,p-Xylene	ND< 6.46
o-Xylene	ND< 6.46

ELAP Number 10956 Method: EPA 8260B Data File: 22670.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



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Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2Client Job Number: 20143
Field Location: Area 2A
Field ID Number: Sample #5
Sample Type: SoilLab Project Number: 04-1906
Lab Sample Number: 6617Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 10.0
Ethylbenzene	ND< 10.0
Toluene	ND< 10.0
m,p-Xylene	ND< 10.0
o-Xylene	ND< 10.0

ELAP Number 10958

Method: EPA 8260B

Data File: 22671.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



ENVIRONMENTAL SERVICES, INC.

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Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2Client Job Number: 20143
Field Location: Area 2A
Field ID Number: Sample #6
Sample Type: SoilLab Project Number: 04-1906
Lab Sample Number: 6618Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 12.6
Ethylbenzene	ND< 12.6
Toluene	ND< 12.6
m,p-Xylene	ND< 12.6
o-Xylene	ND< 12.6

ELAP Number 10958 Method: EPA 8260B Data File: 22672.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**

Client Job Site: Roblin Steel

Phase 2

Client Job Number: 20143

Field Location: Area 2A

Field ID Number: Sample #7

Sample Type: Soil

Lab Project Number: 04-1906

Lab Sample Number: 6619

Date Sampled: 07/09/2004

Date Received: 07/12/2004

Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 9.32
Ethylbenzene	ND< 9.32
Toluene	ND< 9.32
m,p-Xylene	ND< 9.32
o-Xylene	ND< 9.32

ELAP Number 10958

Method: EPA 8260B

Data File: 22673.D

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

Signature: _____

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2Client Job Number: 20143
Field Location: Area 2A
Field ID Number: Sample #8
Sample Type: SoilLab Project Number: 04-1906
Lab Sample Number: 6620Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 10.6
Ethylbenzene	ND< 10.6
Toluene	ND< 10.6
m,p-Xylene	ND< 10.6
o-Xylene	ND< 10.6

ELAP Number 10958 Method: EPA 8260B Data File: 22674.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



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Volatle Analysis Report for Soils/Solids/Sludges**Client:** Cambria Contracting, Inc.**Client Job Site:** Roblin Steel
Phase 2**Client Job Number:** 20143
Field Location: Area 2A
Field ID Number: Sample #9
Sample Type: Soil**Lab Project Number:** 04-1906
Lab Sample Number: 6621**Date Sampled:** 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 10.2
Ethylbenzene	ND< 10.2
Toluene	ND< 10.2
m,p-Xylene	ND< 10.2
o-Xylene	ND< 10.2

ELAP Number 10958

Method: EPA 8260B

Data File: 22675.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



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Volatile Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting, Inc.**Client Job Site: Roblin Steel
Phase 2

Client Job Number: 20143

Field Location: Area 2A

Field ID Number: Sample #10

Sample Type: Soil

Lab Project Number: 04-1906

Lab Sample Number: 6622

Date Sampled: 07/09/2004

Date Received: 07/12/2004

Date Analyzed: 07/14/2004

Aromatics	Results in ug / Kg
Benzene	ND< 7.01
Ethylbenzene	ND< 7.01
Toluene	ND< 7.01
m,p-Xylene	ND< 7.01
o-Xylene	ND< 7.01

ELAP Number 10958

Method: EPA 8260B

Data File: 22676.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Signature:


Bruce Hoogesteger, Technical Director

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Semi-Volatile STARS Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting Inc**

Client Job Site: Roblin Steel

Lab Project Number: 04-1908

Phase 2

Lab Sample Number: 65959

Client Job Number: 20143

Field Location: Area 2 Sample #1

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/17/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	334
Anthracene	556
Benzo (a) anthracene	717
Benzo (a) pyrene	457
Benzo (b) fluoranthene	831
Benzo (g,h,i) perylene	ND< 297
Benzo (k) fluoranthene	525
Chrysene	816
Dibenz (a,h) anthracene	ND< 297
Fluoranthene	2,200
Fluorene	365
Indeno (1,2,3-cd) pyrene	ND< 297
Naphthalene	326
Phenanthrene	1,860
Pyrene	1,620

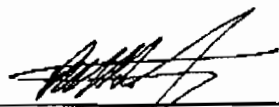
ELAP Number 10958

Method: EPA 8270C

Data File: 20378.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Signature: 

Bruce Hoogesteger, Technical Director

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**Client: Cambria Contracting Inc****Client Job Site:** Roblin Steel
Phase 2**Client Job Number:** 20143**Field Location:** Area 2 Sample #2**Field ID Number:** N/A**Sample Type:** Soil**Lab Project Number:** 04-1908**Lab Sample Number:** 6614**Date Sampled:** 07/09/2004**Date Received:** 07/12/2004**Date Analyzed:** 07/17/2004

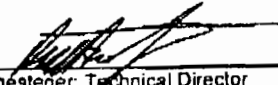
Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 333
Anthracene	568
Benzo (a) anthracene	555
Benzo (a) pyrene	823
Benzo (b) fluoranthene	1,140
Benzo (g,h,i) perylene	707
Benzo (k) fluoranthene	388
Chrysene	866
Dibenz (a,h) anthracene	ND< 333
Fluoranthene	597
Fluorene	ND< 333
Indeno (1,2,3-cd) pyrene	633
Naphthalene	ND< 333
Phenanthrene	ND< 333
Pyrene	777

ELAP Number 10958

Method: EPA 8270C

Data File: 20396.D

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

Signature:
Bruce Hoogesteger, Technical Director

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041806a2.xls


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

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

 Client: Cambria Contracting Inc

Client Job Site:	Roblin Steel	Lab Project Number:	04-1906
	Phase 2	Lab Sample Number:	6615
Client Job Number:	20143		
Field Location:	Area 2 Sample #3	Date Sampled:	07/09/2004
Field ID Number:	N/A	Date Received:	07/12/2004
Sample Type:	Soil	Date Analyzed:	07/18/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 319
Anthracene	423
Benzo (a) anthracene	598
Benzo (a) pyrene	341
Benzo (b) fluoranthene	730
Benzo (g,h,i) perylene	ND< 319
Benzo (k) fluoranthene	ND< 319
Chrysene	688
Dibenz (a,h) anthracene	ND< 319
Fluoranthene	1,050
Fluorene	ND< 319
Indeno (1,2,3-cd) pyrene	ND< 319
Naphthalene	ND< 319
Phenanthrene	1,370
Pyrene	1,430

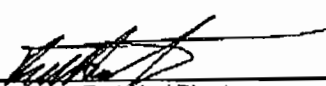
ELAP Number 10958

Method: EPA 8270C

Data File: 20397.D

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

Signature:


 Bruce Hoogesteger: Technical Director

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041808a3.xls



ENVIRONMENTAL SERVICES, INC.

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Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**Client:** Cambria Contracting Inc**Client Job Site:** Roblin Steel
Phase 2**Lab Project Number:** 04-1906
Lab Sample Number: 6816**Client Job Number:** 20143**Field Location:** Area 2 Sample #4**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/18/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 294
Anthracene	ND< 294
Benzo (a) anthracene	440
Benzo (a) pyrene	381
Benzo (b) fluoranthene	428
Benzo (g,h,i) perylene	ND< 294
Benzo (k) fluoranthene	ND< 294
Chrysene	454
Dibenz (a,h) anthracene	ND< 294
Fluoranthene	524
Fluorene	ND< 294
Indeno (1,2,3-cd) pyrene	ND< 294
Naphthalene	ND< 294
Phenanthrene	534
Pyrene	758

ELAP Number 10958

Method: EPA 8270C

Data File: 20398.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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04190824.xls

**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/SludgesClient: **Cambria Contracting Inc**Client Job Site: Roblin Steel
Phase 2

Lab Project Number: 04-1906

Lab Sample Number: 6617

Client Job Number: 20143

Field Location: Area 2 Sample #5

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/18/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 539
Anthracene	1,350
Benzo (a) anthracene	2,280
Benzo (a) pyrene	1,250
Benzo (b) fluoranthene	2,540
Benzo (g,h,i) perylene	ND< 539
Benzo (k) fluoranthene	1,020
Chrysene	2,330
Dibenz (a,h) anthracene	ND< 539
Fluoranthene	3,730
Fluorene	ND< 539
Indeno (1,2,3-cd) pyrene	1,150
Naphthalene	ND< 539
Phenanthrene	5,570
Pyrene	5,190

ELAP Number 10958

Method: EPA 8270C

Data File: 20399.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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04190635.XLS


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: Cambria Contracting Inc

 Client Job Site: Roblin Steel
Phase 2

 Lab Project Number: 04-1906
Lab Sample Number: 6618

Client Job Number: 20143

Field Location: Area 2 Sample #6

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/18/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 637
Anthracene	ND< 637
Benzo (a) anthracene	713
Benzo (a) pyrene	668
Benzo (b) fluoranthene	910
Benzo (g,h,i) perylene	ND< 637
Benzo (k) fluoranthene	ND< 637
Chrysene	756
Dibenz (a,h) anthracene	ND< 637
Fluoranthene	1,190
Fluorene	ND< 637
Indeno (1,2,3-cd) pyrene	ND< 637
Naphthalene	ND< 637
Phenanthrene	891
Pyrene	1,390

ELAP Number 10958

Method: EPA 8270C

Data File: 20400.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

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

Semi-Volatile STARS Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting Inc**

Client Job Site:	Roblin Steel	Lab Project Number:	04-1906
	Phase 2	Lab Sample Number:	6619
Client Job Number:	20143		
Field Location:	Area 2 Sample #7	Date Sampled:	07/09/2004
Field ID Number:	N/A	Date Received:	07/12/2004
Sample Type:	Soil	Date Analyzed:	07/18/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 483
Anthracene	ND< 483
Benzo (a) anthracene	ND< 483
Benzo (a) pyrene	ND< 483
Benzo (b) fluoranthene	ND< 483
Benzo (g,h,i) perylene	ND< 483
Benzo (k) fluoranthene	ND< 483
Chrysene	ND< 483
Dibenz (a,h) anthracene	ND< 483
Fluoranthene	ND< 483
Fluorene	ND< 483
Indeno (1,2,3-cd) pyrene	ND< 483
Naphthalene	ND< 483
Phenanthrene	ND< 483
Pyrene	ND< 483

ELAP Number 10958

Method: EPA 8270C

Data File: 20401.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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04190857.XLS



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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel
Phase 2**Client Job Number:** 20143
Field Location: Area 2 Sample #8
Field ID Number: N/A
Sample Type: Soil**Lab Project Number:** 04-1906
Lab Sample Number: 6620**Date Sampled:** 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/19/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 600
Anthracene	658
Benzo (a) anthracene	1,910
Benzo (a) pyrene	1,140
Benzo (b) fluoranthene	2,420
Benzo (g,h,i) perylene	976
Benzo (k) fluoranthene	789
Chrysene	2,380
Dibenz (a,h) anthracene	ND< 600
Fluoranthene	4,290
Fluorene	ND< 600
Indeno (1,2,3-cd) pyrene	1,040
Naphthalene	ND< 600
Phenanthrene	3,180
Pyrene	4,290

ELAP Number 10958

Method: EPA 8270C

Data File: 20402.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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041906SA.XLS



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:** Cambria Contracting Inc

Client Job Site: Roblin Steel
Phase 2
Client Job Number: 20143
Field Location: Area 2 Sample #9
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-1906
Lab Sample Number: 6621
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/19/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 556
Anthracene	ND< 556
Benzo (a) anthracene	ND< 556
Benzo (a) pyrene	ND< 556
Benzo (b) fluoranthene	644
Benzo (g,h,i) perylene	ND< 556
Benzo (k) fluoranthene	ND< 556
Chrysene	1,390
Dibenz (a,h) anthracene	ND< 556
Fluoranthene	ND< 556
Fluorene	ND< 556
Indeno (1,2,3-cd) pyrene	ND< 556
Naphthalene	ND< 556
Phenanthrene	ND< 556
Pyrene	1,190

ELAP Number 10958

Method: EPA 8270C

Data File: 20403.D

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

Signature: _____

Bruce Hoogesteger, Technical Director

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04190658.XLS

**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: Cambria Contracting Inc**

Client Job Site: Roblin Steel
Phase 2
Client Job Number: 20143
Field Location: Area 2 Sample #10
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-1906
Lab Sample Number: 6622
Date Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/19/2004

Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 543
Anthracene	ND< 543
Benzo (a) anthracene	ND< 543
Benzo (a) pyrene	ND< 543
Benzo (b) fluoranthene	580
Benzo (g,h,i) perylene	ND< 543
Benzo (k) fluoranthene	ND< 543
Chrysene	ND< 543
Dibenz (a,h) anthracene	ND< 543
Fluoranthene	797
Fluorene	ND< 543
Indeno (1,2,3-cd) pyrene	ND< 543
Naphthalene	ND< 543
Phenanthrene	619
Pyrene	951

ELAP Number 10958

Method: EPA 8270C

Data File: 20404.D

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

Signature: _____

Bruce Hodgesteger, Technical Director

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041906S0.XLS



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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1806**Client Job Number:** 20143**Lab Sample Number:** 6599**Field Location:** Area 2A Sample #1**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.417
Aroclor 1221	ND< 0.417
Aroclor 1232	ND< 0.417
Aroclor 1242*	ND< 0.417
Aroclor 1248	ND< 0.417
Aroclor 1254	ND< 0.417
Aroclor 1260	ND< 0.417

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: _____

Bruce Hoogesteger: Technical Director

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041908P1.XLS



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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1908**Client Job Number:** 20143**Lab Sample Number:** 6614**Field Location:** Area 2A Sample #2**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.470
Aroclor 1221	ND< 0.470
Aroclor 1232	ND< 0.470
Aroclor 1242*	ND< 0.470
Aroclor 1248	ND< 0.470
Aroclor 1254	ND< 0.470
Aroclor 1260	ND< 0.470

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: 

Bruce Hoogesteger: Technical Director

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041908P2.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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1906**Client Job Number:** 20143**Lab Sample Number:** 8615**Field Location:** Area 2A Sample #3**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.430
Aroclor 1221	ND< 0.430
Aroclor 1232	ND< 0.430
Aroclor 1242*	ND< 0.430
Aroclor 1248	ND< 0.430
Aroclor 1254	ND< 0.430
Aroclor 1260	ND< 0.430

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: _____

Bruce Hoogesteger, Technical Director

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041908P3.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/SludgesClient: Cambria Contracting Inc

Client Job Site: Roblin Steel Phase II

Lab Project Number: 04-1906

Client Job Number: 20143

Lab Sample Number: 6616

Field Location: Area 2A Sample #4

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.406
Aroclor 1221	ND< 0.406
Aroclor 1232	ND< 0.406
Aroclor 1242*	ND< 0.406
Aroclor 1248	ND< 0.406
Aroclor 1254	ND< 0.406
Aroclor 1260	ND< 0.406

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: _____

Bruce Hoogesteger, Technical Director

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041906P4.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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1908**Client Job Number:** 20143**Lab Sample Number:** 6617**Field Location:** Area 2A Sample #5**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.428
Aroclor 1221	ND< 0.428
Aroclor 1232	ND< 0.428
Aroclor 1242*	ND< 0.428
Aroclor 1248	ND< 0.428
Aroclor 1254	ND< 0.428
Aroclor 1260	ND< 0.428

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: _____

Bruce Hoogesteger, Technical Director

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041908P5.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: Cambria Contracting Inc****Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1906**Client Job Number:** 20143**Lab Sample Number:** 6618**Field Location:** Area 2A Sample #6**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.527
Aroclor 1221	ND< 0.527
Aroclor 1232	ND< 0.527
Aroclor 1242*	ND< 0.527
Aroclor 1248	ND< 0.527
Aroclor 1254	ND< 0.527
Aroclor 1260	ND< 0.527

ELAP Number 10958 & 10249*

Method: EPA 8082

Comments: ND denotes Non Detect

mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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041903P6.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:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1906**Client Job Number:** 20143**Lab Sample Number:** 6619**Field Location:** Area 2A Sample #7**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.480
Aroclor 1221	ND< 0.480
Aroclor 1232	ND< 0.480
Aroclor 1242*	ND< 0.480
Aroclor 1248	ND< 0.480
Aroclor 1254	ND< 0.480
Aroclor 1260	ND< 0.480

ELAP Number 10958 & 10249*

Method: EPA 8082

Comments: ND denotes Non Detect

mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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041808P7.XLS



ENVIRONMENTAL SERVICES, INC.

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

PCB Analysis Report for Soils/Solids/SludgesClient: **Cambria Contracting Inc**

Client Job Site: Roblin Steel Phase II

Lab Project Number: 04-1906

Client Job Number: 20143

Lab Sample Number: 6620

Field Location: Area 2A Sample #8

Date Sampled: 07/09/2004

Field ID Number: N/A

Date Received: 07/12/2004

Sample Type: Soil

Date Analyzed: 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.517
Aroclor 1221	ND< 0.517
Aroclor 1232	ND< 0.517
Aroclor 1242*	ND< 0.517
Aroclor 1248	ND< 0.517
Aroclor 1254	ND< 0.517
Aroclor 1260	ND< 0.517

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: _____

Bruce Hoogesteger, Technical Director

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041908P8.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

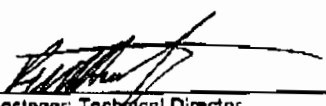
PCB Analysis Report for Soils/Solids/Sludges**Client:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1906**Client Job Number:** 20143**Lab Sample Number:** 6621**Field Location:** Area 2A Sample #9**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.462
Aroclor 1221	ND< 0.462
Aroclor 1232	ND< 0.462
Aroclor 1242*	ND< 0.462
Aroclor 1248	ND< 0.462
Aroclor 1254	ND< 0.462
Aroclor 1260	ND< 0.462

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature:
Bruce Hoogesteger, Technical Director

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041906P9.XLS



ENVIRONMENTAL SERVICES, INC.

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

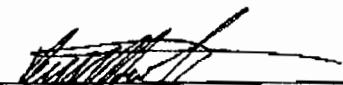
PCB Analysis Report for Soils/Solids/Sludges**Client:** Cambria Contracting Inc**Client Job Site:** Roblin Steel Phase II**Lab Project Number:** 04-1906**Lab Sample Number:** 6622**Client Job Number:** 20143**Field Location:** Area 2A Sample #10**Date Sampled:** 07/09/2004**Field ID Number:** N/A**Date Received:** 07/12/2004**Sample Type:** Soil**Date Analyzed:** 07/15/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.448
Aroclor 1221	ND< 0.448
Aroclor 1232	ND< 0.448
Aroclor 1242*	ND< 0.448
Aroclor 1248	ND< 0.448
Aroclor 1254	ND< 0.448
Aroclor 1260	ND< 0.448

ELAP Number 10958 & 10249*

Method: EPA 8062

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

Signature:
Bruce Hoogesteger, Technical Director

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041906P0.XLS

**PARADIGM****ENVIRONMENTAL SERVICES, INC.**

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Cambria Contracting Inc.**

Lab Project No.: 04-1906

Client Job Site: Roblin Steel
Phase 2Sample Type: Soil
Method: SW 846: 3050, 6010

Client Job No.: 20143

Date(s) Sampled: 07/09/2004
Date Received: 07/12/2004
Date Analyzed: 07/14/2004

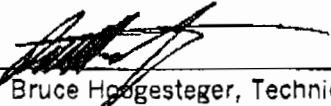
Laboratory Report for Solid Analysis

Lab Sample No.	Field ID No.	Field Location	Lead Result (mg/kg)
6599	N/A	Area 2A Sample #1	118
6614	N/A	Area 2A Sample #2	102
6615	N/A	Area 2A Sample #3	181
6616	N/A	Area 2A Sample #4	5.96
6617	N/A	Area 2A Sample #5	262
6618	N/A	Area 2A Sample #6	100
6619	N/A	Area 2A Sample #7	66.7
6620	N/A	Area 2A Sample #8	177
6621	N/A	Area 2A Sample #9	185
6622	N/A	Area 2A Sample #10	29.9

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

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File ID:041906.xls



ENVIRONMENTAL SERVICES, INC.

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

Semi-Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7190

Client Job Number: NA

Field Location: Area 1

Date Sampled: 07/22/2004

Field ID Number: Sample #1

Date Received: 07/23/2004

Sample Type: TCLP Extract

Date Analyzed: 07/29/2004

Date Reissued: NA

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

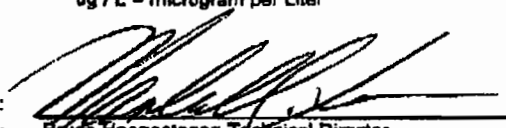
Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20639.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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042061*2.xls



ENVIRONMENTAL SERVICES, INC.

178 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel
 Client Job Number: NA
 Field Location: Area 1
 Field ID Number: Sample #2
 Sample Type: TCLP Extract

Lab Project Number: 04-2081
 Lab Sample Number: 7191
 Date Sampled: 07/22/2004
 Date Received: 07/23/2004
 Date Analyzed: 07/29/2004
 Date Reissued: NA

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20640.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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042081a3.xls



ENVIRONMENTAL SERVICES, INC.

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

Semi-Volatile Analysis Report for TCLP Extract**Client:** Cambria**Client Job Site:** Roblin Steel**Lab Project Number:** 04-2061**Lab Sample Number:** 7192**Client Job Number:** NA**Field Location:** Area 1**Date Sampled:** 07/22/2004**Field ID Number:** Sample #3**Date Received:** 07/23/2004**Sample Type:** TCLP Extract**Date Analyzed:** 07/29/2004**Date Reissued:** NA

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20641.D

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

Signature:

Bruce Hoogesteger, Technical Director

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042061-4.xls



ENVIRONMENTAL SERVICES, INC.

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

Semi-Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7189

Client Job Number: NA

Field Location: Area 5

Date Sampled: 07/22/2004

Field ID Number: Sample #1

Date Received: 07/23/2004

Sample Type: TCLP Extract

Date Analyzed: 07/29/2004

Date Reissued: NA

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

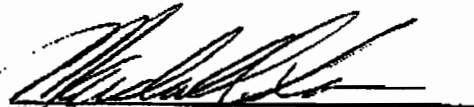
Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20638.D

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

Signature: 

For: Bruce Hoogesteger, Technical Director

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042061e1.xls



ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14606 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7203

Client Job Number: NA

Field Location: Area 3

Date Sampled: 07/22/2004

Field ID Number: TCLP Sample 1

Date Received: 07/23/2004

Sample Type: TCLP Extract

Date Analyzed: 07/29/2004

Date Reissued: NA

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L*
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	300
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	200
Pyridine	ND< 40.0	500

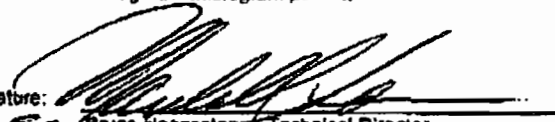
Acids	Results in ug / L	Regulatory Limits in ug / L*
Cresols (as m,p,o-Cresol)	ND< 60.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2000

ELAP Number 10958

Method: EPA 8270C

Data File: 20842.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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ENVIRONMENTAL SERVICES, INC.

178 Lake Avenue Rochester, New York 14606 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7189

Client Job Number: N/A

Field Location: Area 5 Sample #1

Date Sampled: 07/22/2004

Field ID Number: N/A

Date Received: 07/23/2004

Sample Type: TCLP Extract

Date Analyzed: 07/28/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	8,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethane	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 23013.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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042061V1.XLS



ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP ExtractClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7190

Client Job Number: N/A

Field Location: Area 1 Sample #1

Date Sampled: 07/22/2004

Field ID Number: N/A

Date Received: 07/23/2004

Sample Type: TCLP Extract

Date Analyzed: 07/28/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 23014.D

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

Signature: 

Bruce Hoogestege, Technical Director

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042061V2.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP Extract**Client:** Cambria**Client Job Site:** Roblin Steel**Lab Project Number:** 04-2061**Lab Sample Number:** 7191**Client Job Number:** N/A**Field Location:** Area 1 Sample #2**Date Sampled:** 07/22/2004**Field ID Number:** N/A**Date Received:** 07/23/2004**Sample Type:** TCLP Extract**Date Analyzed:** 07/28/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 23015.D

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

Signature: 

FA, Bruce Hoogesteger, Technical Director

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042061V3.XLS



ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP Extract**Client:** Cambria**Client Job Site:** Roblin Steel**Lab Project Number:** 04-2061**Client Job Number:** N/A**Lab Sample Number:** 7192**Field Location:** Area 1 Sample #3**Date Sampled:** 07/22/2004**Field ID Number:** N/A**Date Received:** 07/23/2004**Sample Type:** TCLP Extract**Date Analyzed:** 07/28/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 23016.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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042061V4.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for TCLP Extract**Client: Cambria****Client Job Site:** Roblin Steel**Lab Project Number:** 04-2061**Lab Sample Number:** 7203**Client Job Number:** N/A**Field Location:** Area 3 TCLP Sample 1**Date Sampled:** 07/22/2004**Field ID Number:** N/A**Date Received:** 07/23/2004**Sample Type:** TCLP Extract**Date Analyzed:** 07/28/2004

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 23017.D

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

Signature: 

Bruce Hoogesteger, Technical Director

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**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

178 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Cambria** Lab Project No.: 04-2061
Client Job Site: Roblin Steel Lab Sample No.: 7189
Client Job No.: N/A Sample Type: TCLP Extract
Field Location: Area 5 Sample #1 Date Sampled: 07/22/2004
Field ID No.: N/A Date Received: 07/23/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/28/2004	EPA 6010	<0.100	5.0
Barium	07/28/2004	EPA 6010	0.547	100.0
Cadmium	07/28/2004	EPA 6010	<0.025	1.0
Chromium	07/28/2004	EPA 6010	<0.050	5.0
Lead	07/28/2004	EPA 6010	<0.100	5.0
Mercury	07/27/2004	EPA 7470	<0.0020	0.2
Selenium	07/28/2004	EPA 6010	<0.100	1.0
Silver	07/28/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: 
Bruce Hoogesteger, Technical Director

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**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 847-3311

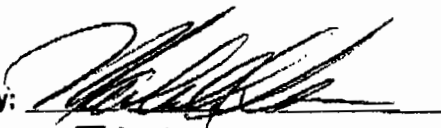
Client: **Cambria** Lab Project No.: 04-2061
Client Job Site: Roblin Steel Lab Sample No.: 7190
Client Job No.: N/A Sample Type: TCLP Extract
Field Location: Area 1 Sample #1 Date Sampled: 07/22/2004
Field ID No.: N/A Date Received: 07/23/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/28/2004	EPA 6010	<0.100	5.0
Barium	07/28/2004	EPA 6010	0.686	100.0
Cadmium	07/28/2004	EPA 6010	<0.025	1.0
Chromium	07/28/2004	EPA 6010	<0.050	5.0
Lead	07/28/2004	EPA 6010	<0.100	5.0
Mercury	07/27/2004	EPA 7470	<0.0020	0.2
Selenium	07/28/2004	EPA 6010	<0.100	1.0
Silver	07/28/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: 

For: Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client:	Cambria	Lab Project No.:	04-2061
Client Job Site:	Roblin Steel	Lab Sample No.:	7191
Client Job No.:	N/A	Sample Type:	TCLP Extract
Field Location:	Area 1 Sample #2	Date Sampled:	07/22/2004
Field ID No.:	N/A	Date Received:	07/23/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/28/2004	EPA 6010	<0.100	5.0
Barium	07/28/2004	EPA 6010	0.773	100.0
Cadmium	07/28/2004	EPA 6010	<0.025	1.0
Chromium	07/28/2004	EPA 6010	<0.050	5.0
Lead	07/28/2004	EPA 6010	<0.100	5.0
Mercury	07/27/2004	EPA 7470	<0.0020	0.2
Selenium	07/28/2004	EPA 6010	<0.100	1.0
Silver	07/28/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By:

 FL: Bruce Hoogesteger, Technical Director

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PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client:	Cambria	Lab Project No.:	04-2061
Client Job Site:	Roblin Steel	Lab Sample No.:	7192
Client Job No.:	N/A	Sample Type:	TCLP Extract
Field Location:	Area 1 Sample #3	Date Sampled:	07/22/2004
Field ID No.:	N/A	Date Received:	07/23/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/28/2004	EPA 6010	<0.100	5.0
Barium	07/28/2004	EPA 6010	0.847	100.0
Cadmium	07/28/2004	EPA 6010	<0.025	1.0
Chromium	07/28/2004	EPA 6010	<0.050	5.0
Lead	07/28/2004	EPA 6010	<0.100	5.0
Mercury	07/27/2004	EPA 7470	<0.0020	0.2
Selenium	07/28/2004	EPA 6010	<0.100	1.0
Silver	07/28/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By:

For: Bruce Hoogesteger, Technical Director

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File ID:042061.xls



178 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

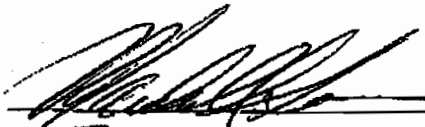
Client:	Cambria	Lab Project No.:	04-2061
Client Job Site:	Roblin Steel	Lab Sample No.:	7203
Client Job No.:	N/A	Sample Type:	TCLP Extract
Field Location:	Area 3 Sample #1	Date Sampled:	07/22/2004
Field ID No.:	N/A	Date Received:	07/23/2004

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/28/2004	EPA 6010	<0.100	5.0
Barium	07/28/2004	EPA 6010	0.882	100.0
Cadmium	07/28/2004	EPA 6010	<0.025	1.0
Chromium	07/28/2004	EPA 6010	<0.050	5.0
Lead	07/28/2004	EPA 6010	<0.100	5.0
Mercury	07/27/2004	EPA 7470	<0.0020	0.2
Selenium	07/28/2004	EPA 6010	<0.100	1.0
Silver	07/28/2004	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: 

FEL. 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

PCB Analysis Report for Soils/Solids/SludgesClient: **Cambria**

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 1
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7193
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.425
Aroclor 1221	ND< 0.425
Aroclor 1232	ND< 0.425
Aroclor 1242*	ND< 0.425
Aroclor 1248	ND< 0.425
Aroclor 1254	ND< 0.425
Aroclor 1260	3.66

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: 

F. Bruce Hoogesteger, Technical Director

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042061P1.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14808 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges**Client:** Cambria

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 2
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7194
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.408
Aroclor 1221	ND< 0.408
Aroclor 1232	ND< 0.408
Aroclor 1242*	ND< 0.408
Aroclor 1248	ND< 0.408
Aroclor 1254	ND< 0.408
Aroclor 1260	1.09

ELAP Number 10958 & 10249*

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.

042061P2.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14808 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for Soils/Solids/Sludges**Client: Cambria**

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 3
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7195
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.475
Aroclor 1221	ND< 0.475
Aroclor 1232	ND< 0.475
Aroclor 1242*	ND< 0.475
Aroclor 1248	ND< 0.475
Aroclor 1254	ND< 0.475
Aroclor 1260	2.68

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature:

Bruce H. Bogesteger, Technical Director

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042061P3.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:** Cambria

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 4
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7196
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.466
Aroclor 1221	ND< 0.466
Aroclor 1232	ND< 0.466
Aroclor 1242*	ND< 0.466
Aroclor 1248	ND< 0.466
Aroclor 1254	ND< 0.466
Aroclor 1260	ND< 0.466

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: 

Bruce Hoogesteger, Technical Director

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042001P4.XLS



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

PCB Analysis Report for Soils/Solids/SludgesClient: **Cambria**

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 5
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7197
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.488
Aroclor 1221	ND< 0.488
Aroclor 1232	ND< 0.488
Aroclor 1242*	ND< 0.488
Aroclor 1248	ND< 0.488
Aroclor 1254	ND< 0.488
Aroclor 1260	4.69

ELAP Number 10958 & 10249*

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.

042061PS.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/SludgesClient: **Cambria**

Client Job Site: Roblin Steel

Lab Project Number: 04-2061

Lab Sample Number: 7198

Client Job Number: N/A

Field Location: Area 3 Sample 6

Date Sampled: 07/22/2004

Field ID Number: N/A

Date Received: 07/23/2004

Sample Type: Soil

Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.457
Aroclor 1221	ND< 0.457
Aroclor 1232	ND< 0.457
Aroclor 1242*	ND< 0.457
Aroclor 1248	ND< 0.457
Aroclor 1254	ND< 0.457
Aroclor 1260	0.644

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: 

Bruce Hoogesteger, Technical Director

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042061PE.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 (585) 847 - 2530 FAX (585) 847 - 3311

PCB Analysis Report for Soils/Solids/SludgesClient: Cambria

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 7
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2081
Lab Sample Number: 7199
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.453
Aroclor 1221	ND< 0.453
Aroclor 1232	ND< 0.453
Aroclor 1242*	ND< 0.453
Aroclor 1248	ND< 0.453
Aroclor 1254	ND< 0.453
Aroclor 1260	ND< 0.453

ELAP Number 10958 & 10248*

Method: EPA 8082

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

Signature: 

Bruce Hoogasteger, Technical Director

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

042081P7.XLS



ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14808 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges**Client:** Cambria**Client Job Site:** Roblin Steel**Lab Project Number:** 04-2081**Lab Sample Number:** 7200**Client Job Number:** N/A**Field Location:** Area 3 Sample 8**Date Sampled:** 07/22/2004**Field ID Number:** N/A**Date Received:** 07/23/2004**Sample Type:** Soil**Date Analyzed:** 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.490
Aroclor 1221	ND< 0.490
Aroclor 1232	ND< 0.490
Aroclor 1242*	ND< 0.490
Aroclor 1248	ND< 0.490
Aroclor 1254	ND< 0.490
Aroclor 1260	ND< 0.490

ELAP Number 10958 & 10249*

Method: EPA 8082

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

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.

042061P8.XLS

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue Rochester, New York 14606 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for Soils/Solids/Sludges**Client:** Cambria

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 9
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7201
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.467
Aroclor 1221	ND< 0.467
Aroclor 1232	ND< 0.467
Aroclor 1242*	ND< 0.467
Aroclor 1248	ND< 0.467
Aroclor 1254	ND< 0.467
Aroclor 1260	ND< 0.467

ELAP Number 10958 & 10249*

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.

042061PB.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:** Cambria

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Area 3 Sample 10
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 04-2061
Lab Sample Number: 7202
Date Sampled: 07/22/2004
Date Received: 07/23/2004
Date Analyzed: 07/30/2004

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.472
Aroclor 1221	ND< 0.472
Aroclor 1232	ND< 0.472
Aroclor 1242*	ND< 0.472
Aroclor 1248	ND< 0.472
Aroclor 1254	ND< 0.472
Aroclor 1260	ND< 0.472

ELAP Number 10958 & 10249*

Method: EPA 8082

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

Signature: 

Paul 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.

042061PC.XLS

CHAIN OF CUSTODY

Page 1 of 2

[illegible]

PROJECT HAZARDOUSITE NAME:	ATTN:	ATTN:	1	2	3	4	5
ROSLIN STEEL	Rich Maresciulo	Rich Maresciulo					

DATE	TIME	COMPOSITE	GRASS	SAMPLE LOCATION/FIELD ID	MATRIX	CONY A NUMBER	REMARKS	PARAMGM LAB SAMPLE NUMBER
17/12/04	1000A	X		Area 5 Sample #1	Soil			71189
27/12/04	1030A	X		Area 1 Sample #1				71190
37/12/04	1000A	X		Area 1 Sample #2				71191
47/12/04	1030A	X		Area 1 Sample #3				71192
57/12/04	1030A	X	X	Area 3 Sample 1				71193
67/12/04	1100A	X	X	Area 3 Sample 2				71194
77/12/04	1100A	X	X	Area 3 Sample 3				71195
87/12/04	1100A	X	X	Area 3 Sample 4				71196
97/12/04	1100A	X	X	Area 3 Sample 5				71197
107/12/04	1100A	X	X	Area 3 Sample 6				71198

***** ABUSE ONLY *****

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:
☒	☒	☒	☒	15°

Sampled By: ROOYN CIERNIAK	Date/Time: 7/22/04	Relinquished By:	Date/Time:	Total Cost:
-------------------------------	-----------------------	------------------	------------	-------------

Relinquished By:	Date/Time:
Robyn Cierniak	7/22/04 12:30
Received By:	Date/Time:

Received By:	Date/Time:	Received @ Lab By:	Date/Time:	P.I.F.:
Dr. Hoff	7/22/04 12:30	Judy Gendall	7/23/04 1044	

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-7987
FAX: (585) 647-3311

PROJECT NAME/SITE NAME:
Roblin Steel

CHAIN OF CUSTODY

page 2 of 2

COMPANY: Cambria
ADDRESS: 505 Lockport Rd
CITY: Lockport NY 14094
PHONE: 581-5558 FAX: 693-2916
ATTN: Rich Marasciulo
COMMENTS: 7/22/04 TEL: 693-2916
LAB PROJECT #: 04-2061
CLIENT PROJECT #: 04-2061
TURNAROUND TIME: (WORKING DAYS)
STD 1 2 3 5
OTHER

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/22/04	1100	X	X	Area 3 Sample 7	Soil	1		7199
2/22/04	1100	X	X	Area 3 Sample 8		1		7200
3/22/04	1100	X	X	Area 3 Sample 9		1		7201
4/22/04	1100	X	X	Area 3 Sample 10		1		7202
5/22/04	1115	X	X	Area 3 Sample 1		1		7203
6								
7								
8								
9								
10								

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: ☒ CONTAINER TYPE: ☒ PRESERVATIONS: ☒ HOLDING TIME: ☒ TEMPERATURE: ☒ 15°

Sampled By: Robyn CERNIAR Date/Time: 7/22/04 12:30
Relinquished By: Robyn CERNIAR Date/Time: 7/22/04 12:30
Received By: [Signature] Date/Time: 7/22/04 12:30
Total Cost: P.I.F.

Appendix F

Surface Water Sample Analytical Test Results

	Client ID:		SW1	SW1	SW2	SW3	SW4
	Lab No.:		030275 03	030275 03	030276 03	030277 03	030278 03
	Date Sampled:		18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003
Component	MDL	Units		Duplicate			
TCLP-WATER ANALYSIS						(2)	(2)
pH (20 DEG C)			7.88	7.89	7.73	7.07	6.01
pH of VOC vials			1.50	-	1.50	1.50	1.50
TSS	5.0	mg/L	39	-	10	1900	2600
COD	10.0	mg/L	84	-	42	1600	1500
BOD5	5.0	mg/L	<	-	<	490	(3) 3600
Mercury	0.05	ug/L	-	-	-	-	0.64
Mercury	0.50	"	-	-	-	-	-
Arsenic	0.010	mg/L	-	-	-	-	<
Barium	0.001	"	-	-	-	-	0.15
Cadmium	0.002	"	-	-	-	-	0.004
Chromium	0.002	"	-	-	-	-	0.017
Lead	0.010	"	-	-	-	-	0.23
Selenium	0.010	"	-	-	-	-	<
Silver	0.002	"	-	-	-	-	<
Arsenic	0.050	"	-	-	-	-	-
Barium	0.010	"	-	-	-	-	-
Cadmium	0.010	"	-	-	-	-	-
Chromium	0.010	"	-	-	-	-	-
Lead	0.050	"	-	-	-	-	-
Selenium	0.050	"	-	-	-	-	-
Silver	0.050	"	-	-	-	-	-
o-Chlordane	0.005	ug/L	-	-	-	-	-
p-Chlordane	0.009	"	-	-	-	-	-
Endrin	0.011	"	-	-	-	-	-
Heptachlor	0.005	"	-	-	-	-	-
Heptachlor Epoxide	0.012	"	-	-	-	-	-
Lindane	0.007	"	-	-	-	-	-
Methoxychlor	0.018	"	-	-	-	-	-
Toxaphene	0.116	"	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-
4,4'-Dibromodiphenyl			-	-	-	-	-
Decachlorobiphenyl			-	-	-	-	-
2,4-D (via 8150)	0.39	ug/L	-	-	-	-	-
2,4,5-TP	0.04	"	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-
2,3-D			-	-	-	-	-
Oil (mineral)	1.0	mg/L	<	-	<	310	370000
Grease (Animal)	1.0	"	1.7	-	<	160	120000
Total Oil & Grease	1.0	"	1.8	-	<	470	490000

PASC - Certificate of Analysis

Component	Client ID:		SW1	SW1	SW2	SW3	SW4
	Lab No.:		030275 03	030275 03	030276 03	030277 03	030278 03
	Date Sampled:		18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003
	MDL	Units	Duplicate				
Acetone	12.7	ug/L	<64	-	<64	270	1300
Benzene	0.5	"	<2.5	-	<2.5	<10	<10
Bromoform	0.7	"	<3.5	-	<3.5	<14	<14
Bromomethane	1.0	"	<5.0	-	<5.0	<20	<20
2-Butanone	3.2	"	<16	-	<16	<64	460
Carbon Disulfide	0.9	"	<4.5	-	<4.5	<18	<18
Carbon Tetrachloride	0.7	"	<3.5	-	<3.5	<14	<14
Chlorobenzene	0.6	"	<3.0	-	<3.0	<12	<12
Chlorodibromomethane	0.4	"	<2.0	-	<2.0	<8.0	<8.0
Chloroethane	0.9	"	<4.5	-	<4.5	<18	<18
Chloroform	0.4	"	<2.0	-	<2.0	<8.0	<8.0
Chloromethane	1.4	"	<7.0	-	<7.0	<28	<28
Dichlorobromomethane	0.4	"	<2.0	-	<2.0	<8.0	<8.0
1,1-Dichloroethane	0.5	"	<2.5	-	<2.5	<10	<10
1,2-Dichloroethane	0.4	"	<2.0	-	<2.0	<8.0	<8.0
1,1-Dichloroethene	0.7	"	<3.5	-	<3.5	<14	<14
cis-1,2-Dichloroethene	0.6	"	<3.0	-	<3.0	<12	<12
trans-1,2-Dichloroethene	0.5	"	<2.5	-	<2.5	<10	<10
1,2-Dichloropropane	0.7	"	<3.5	-	<3.5	<14	<14
cis-1,3-Dichloropropene	0.3	"	<1.5	-	<1.5	<6.0	<6.0
trans-1,3-Dichloropropene	0.6	"	<3.0	-	<3.0	<12	<12
Ethylbenzene	0.6	"	<3.0	-	<3.0	<12	<12
2-Hexanone	1.3	"	<6.5	-	<6.5	<26	<26
Methylene Chloride	2.3	"	<12	-	<12	<46	<46
4-Methyl-2-Pentanone	1.5	"	<7.5	-	<7.5	<30	<30
Styrene	0.6	"	<3.0	-	<3.0	<12	<12
1,1,2,2-Tetrachloroethane	0.3	"	<4.0	-	<4.0	<16	<16
Tetrachloroethene	0.5	"	<2.5	-	<2.5	<10	<10
Toluene	1.0	"	<5.0	-	<5.0	<20	<20
1,1,1-Trichloroethane	0.3	"	<4.0	-	<4.0	<16	<16
1,1,2-Trichloroethane	0.6	"	<3.0	-	<3.0	<12	<12
Trichloroethene	1.0	"	<5.0	-	<5.0	<20	<20
Vinyl Chloride	0.9	"	<4.5	-	<4.5	<18	<18
m,p-Xylene	1.1	"	<5.5	-	<5.5	<22	<22
o-Xylene	0.5	"	<2.5	-	<2.5	<10	<10
Surrogate Recoveries		%					
d4-1,2-Dichloroethane			87	-	87	90	89
d3-Toluene			96	-	97	96	95
Bromofluorobenzene			90	-	90	89	88
Benzene	0.5	ug/L	-	-	-	-	-
2-Butanone	5.0	"	-	-	-	-	-
Carbon Tetrachloride	0.7	"	-	-	-	-	-
Chlorobenzene	0.6	"	-	-	-	-	-
Chloroform	0.3	"	-	-	-	-	-
1,2-Dichloroethane	0.3	"	-	-	-	-	-
1,1-Dichloroethene	0.7	"	-	-	-	-	-
Tetrachloroethene	0.5	"	-	-	-	-	-
Trichloroethene	0.3	"	-	-	-	-	-
Vinyl Chloride	0.9	"	-	-	-	-	-
1,4-Dichlorobenzene	1.6	"	-	-	-	-	-
Surrogate Recoveries		%					
d4-1,2-Dichloroethane			-	-	-	-	-
d3-Toluene			-	-	-	-	-
1,4-Bromofluorobenzene			-	-	-	-	-

Client ID: SW1 SW1 SW2 SW3 SW4
 Lab No.: 030275 03 030275 03 030276 03 030277 03 030278 03
 Date Sampled: 18-Jun-2003 18-Jun-2003 18-Jun-2003 18-Jun-2003 18-Jun-2003
 MDL Duplicate

Component	MDL	Units	SW1	SW1	SW2	SW3	SW4
Naphthalene	0.3	ug/L	<	-	<	41	-
Acenaphthylene	0.4	"	<	-	<	<	-
Acenaphthene	0.7	"	<	-	<	<2.0	-
Fluorene	0.3	"	<	-	<	1.7	-
Phenanthrene	0.3	"	0.4	-	0.7	5.5	-
Anthracene	0.3	"	<	-	<	2.6	-
Fluoranthene	0.2	"	0.5	-	1.4	2.0	-
Pyrene	0.3	"	0.5	-	1.4	1.9	-
Benzo(a)anthracene	0.2	"	0.5	-	0.9	3.5	-
Chrysene	0.3	"	0.4	-	1.0	<	-
Benzo(b)fluoranthene	0.4	"	0.5	-	1.0	<	-
Benzo(k)fluoranthene	0.4	"	0.7	-	0.9	<	-
Benzo(a)pyrene	0.5	"	0.7	-	1.0	<	-
Indeno(1,2,3-cd)pyrene	0.6	"	1.1	-	1.0	1.4	-
Dibenzo(ah)anthracene	0.4	"	1.4	-	1.1	2.7	-
Benzo(ghi)perylene	0.4	"	1.3	-	1.0	1.1	-
Surrogate Recoveries		%					
d5-Nitrobenzene			91	-	99	87	-
2-Fluorobiphenyl			81	-	90	83	-
d14-p-Terphenyl			54	-	62	44	-
Pyridine	5.0	ug/L	-	-	-	-	-
o-Cresol	1.7	"	-	-	-	-	-
m&p-Cresol	3.5	"	-	-	-	-	-
1,4-Dichlorobenzene	2.0	"	-	-	-	-	-
2,4-Dinitrotoluene	0.5	"	-	-	-	-	-
Nitrobenzene	2.0	"	-	-	-	-	-
Pentachlorophenol	1.1	"	-	-	-	-	-
2,4,5-Trichlorophenol	0.5	"	-	-	-	-	-
2,4,6-Trichlorophenol	1.2	"	-	-	-	-	-
Surrogate Recoveries		%					
d5-Phenol			-	-	-	-	-
d5-Nitrobenzene			-	-	-	-	-
2-Fluorobiphenyl			-	-	-	-	-
2,4,6-Tribromophenol			-	-	-	-	-
d-14-p-Terphenyl			-	-	-	-	-
Hexachloroethane	2.0	ug/L	-	-	-	-	-
Hexachlorobutadiene	2.0	"	-	-	-	-	-
Hexachlorobenzene	2.0	"	-	-	-	-	-

7-7-2003

PASC - Certificate of Analysis

Client ID:	SW5	SW5	SW6	SW6
Lab No.:	030279 03	030279 03	030280 03	030280 03
Date Sampled:	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003

MDL	Units	Duplicate	Duplicate
-----	-------	-----------	-----------

Component

TCLP-WATER ANALYSIS

pH (20 DEG C)

pH of VOC vials

TSS

COD

BOD5

Mercury

Mercury

Arsenic

Barium

Cadmium

Chromium

Lead

Selenium

Silver

Arsenic

Barium

Cadmium

Chromium

Lead

Selenium

Silver

a-Chlordane

g-Chlordane

Endrin

Heptachlor

Heptachlor Epoxide

Lindane

Methoxychlor

Toxaphene

Surrogate Recoveries

4,4'-Dibromooctafluorobiphenyl

Decachlorobiphenyl

2,4-D (via 8150)

2,4,5-TP

Surrogate Recoveries

2,3-D

Oil (mineral)

Grease (Animal)

Total Oil & Grease

				(2)	
		7.51	-	7.98	7.96
		1.50	-	2.50	-
5.0	mg/L	140	-	140	-
10.0	mg/L	110	-	900	-
5.0	mg/L	9.9	-	140	-
0.05	ug/L	-	-	-	-
0.50	"	-	-	-	-
0.010	mg/L	-	-	-	-
0.001	"	-	-	-	-
0.002	"	-	-	-	-
0.002	"	-	-	-	-
0.010	"	-	-	-	-
0.010	"	-	-	-	-
0.002	"	-	-	-	-
0.050	"	-	-	-	-
0.010	"	-	-	-	-
0.010	"	-	-	-	-
0.010	"	-	-	-	-
0.010	"	-	-	-	-
0.050	"	-	-	-	-
0.050	"	-	-	-	-
0.050	"	-	-	-	-
0.005	ug/L	-	-	-	-
0.009	"	-	-	-	-
0.011	"	-	-	-	-
0.005	"	-	-	-	-
0.012	"	-	-	-	-
0.007	"	-	-	-	-
0.018	"	-	-	-	-
0.116	"	-	-	-	-
%					
		-	-	-	-
		-	-	-	-
0.39	ug/L	-	-	-	-
0.04	"	-	-	-	-
%					
		-	-	-	-
1.0	mg/L	37	-	300	-
1.0	"	15	-	200	-
1.0	"	51	-	510	-

7-2003

PASC - Certificate of Analysis

Client ID: SW5 SW5 SW6 SW6
 Lab No.: 030279 03 030279 03 030280 03 030280 03
 Date Sampled: 18-Jun-2003 18-Jun-2003 18-Jun-2003 18-Jun-2003
 Duplicate Duplicate

Component	MDL	Units	Duplicate	Duplicate
Acetone	12.7	ug/L	<64	<64
Benzene	0.5	"	<2.5	<2.5
Bromoform	0.7	"	<3.5	<3.5
Bromomethane	1.0	"	<5.0	<5.0
2-Butanone	3.2	"	<16	<16
Carbon Disulfide	0.9	"	<4.5	<4.5
Carbon Tetrachloride	0.7	"	<3.5	<3.5
Chlorobenzene	0.6	"	<3.0	<3.0
Chlorodibromomethane	0.4	"	<2.0	<2.0
Chloroethane	0.9	"	<4.5	<4.5
Chloroform	0.4	"	<2.0	<2.0
Chloromethane	1.4	"	<7.0	<7.0
Dichlorobromomethane	0.4	"	<2.0	<2.0
1,1-Dichloroethane	0.5	"	<2.5	<2.5
1,2-Dichloroethane	0.4	"	<2.0	<2.0
1,1-Dichloroethene	0.7	"	<3.5	<3.5
cis-1,2-Dichloroethene	0.6	"	<3.0	<3.0
trans-1,2-Dichloroethene	0.5	"	<2.5	<2.5
1,2-Dichloropropane	0.7	"	<3.5	<3.5
cis-1,3-Dichloropropene	0.3	"	<1.5	<1.5
trans-1,3-Dichloropropene	0.6	"	<3.0	<3.0
Ethylbenzene	0.6	"	<3.0	<3.0
2-Hexanone	1.3	"	<6.5	<6.5
Methylene Chloride	2.3	"	<12	<12
4-Methyl-2-Pentanone	1.5	"	<7.5	<7.5
Styrene	0.6	"	<3.0	<3.0
1,1,2,2-Tetrachloroethane	0.3	"	<4.0	<4.0
Tetrachloroethene	0.5	"	<2.5	<2.5
Toluene	1.0	"	<5.0	<5.0
1,1,1-Trichloroethane	0.3	"	<4.0	<4.0
1,1,2-Trichloroethane	0.6	"	<3.0	<3.0
Trichloroethene	1.0	"	<5.0	<5.0
Vinyl Chloride	0.9	"	<4.5	<4.5
m&p-Xylene	1.1	"	<5.5	<5.5
o-Xylene	0.5	"	<2.5	<2.5
Surrogate Recoveries		%		
d4-1,2-Dichloroethane			87	83
d8-Toluene			98	96
Bromofluorobenzene			89	88
Benzene	0.5	ug/L	-	-
2-Butanone	5.0	"	-	-
Carbon Tetrachloride	0.7	"	-	-
Chlorobenzene	0.6	"	-	-
Chloroform	0.3	"	-	-
1,2-Dichloroethane	0.3	"	-	-
1,1-Dichloroethene	0.7	"	-	-
Tetrachloroethene	0.5	"	-	-
Trichloroethene	0.3	"	-	-
Vinyl Chloride	0.9	"	-	-
1,4-Dichlorobenzene	1.6	"	-	-
Surrogate Recoveries		%		
d4-1,2-Dichloroethane			-	-
d8-Toluene			-	-
1,4-Bromofluorobenzene			-	-

PASC - Certificate of Analysis

Client ID: SW5 SW5 SW6 SW6
 Lab No.: 030279 03 030279 03 030280 03 030280 03
 Date Sampled: 18-Jun-2003 18-Jun-2003 18-Jun-2003 18-Jun-2003

Component	MDL	Units	Duplicate	Duplicate
Naphthalene	0.3	ug/L	2.5	<
Acenaphthylene	0.4	"	<	<
Acenaphthene	0.7	"	1.0	<
Fluorene	0.3	"	0.9	<
Phenanthrene	0.3	"	4.7	<
Anthracene	0.3	"	1.3	<
Fluoranthene	0.2	"	7.2	0.6
Pyrene	0.3	"	6.6	0.7
Benz(a)anthracene	0.2	"	0.6	0.2
Chrysene	0.3	"	3.9	<
Benzo(b)fluoranthene	0.4	"	4.5	<
Benzo(k)fluoranthene	0.4	"	4.3	<
Benzo(a)pyrene	0.5	"	3.6	<
Indeno(1,2,3-cd)pyrene	0.6	"	2.0	<
Dibenzo(ah)anthracene	0.4	"	1.5	<
Benzo(ghi)perylene	0.4	"	2.3	0.5
Surrogate Recoveries		%		
d5-Nitrobenzene			87	89
2-Fluorobiphenyl			71	85
d14-p-Terphenyl			34	46
Pyridine	5.0	ug/L	-	-
o-Cresol	1.7	"	-	-
m&p-Cresol	3.5	"	-	-
1,4-Dichlorobenzene	2.0	"	-	-
2,4-Dinitrotoluene	0.5	"	-	-
Nitrobenzene	2.0	"	-	-
2,4,6-Trichlorophenol	1.1	"	-	-
2,4,5-Trichlorophenol	0.6	"	-	-
2,4,6-Trichlorophenol	1.2	"	-	-
Surrogate Recoveries		%		
d5-Phenol			-	-
d5-Nitrobenzene			-	-
2-Fluorobiphenyl			-	-
2,4,6-Tribromophenol			-	-
d-14-p-Terphenyl			-	-
Hexachloroethane	2.0	ug/L	-	-
Hexachlorobutadiene	2.0	"	-	-
Hexachlorobenzene	2.0	"	-	-

PASC - Certificate of Analysis

Component	MDL	Units
Acetone	12.7	ug/L
Benzene	0.5	"
Bromoform	0.7	"
Bromomethane	1.0	"
2-Butanone	3.2	"
Carbon Disulfide	0.9	"
Carbon Tetrachloride	0.7	"
Chlorobenzene	0.6	"
Chlorodibromomethane	0.4	"
Chloroethane	0.9	"
Chloroform	0.4	"
Chloromethane	1.4	"
Dichlorobromomethane	0.4	"
1,1-Dichloroethane	0.5	"
1,2-Dichloroethane	0.4	"
1,1-Dichloroethene	0.7	"
cis-1,2-Dichloroethene	0.6	"
trans-1,2-Dichloroethene	0.5	"
1,2-Dichloropropane	0.7	"
cis-1,1-Dichloropropene	0.3	"
trans-1,1-Dichloropropene	0.6	"
Polybenzene	0.6	"
2-Hexanone	1.3	"
Methylene Chloride	2.3	"
4-Methyl-2-Pentanone	1.5	"
Styrene	0.6	"
1,1,2,2-Tetrachloroethane	0.8	"
Tetrachloroethene	0.5	"
Toluene	1.0	"
1,1,1-Trichloroethane	0.8	"
1,1,2-Trichloroethane	0.6	"
Trichloroethene	1.0	"
Vinyl Chloride	0.9	"
m,p-Xylene	1.1	"
o-Xylene	0.5	"
Surrogate Recoveries		%
d4 1,2-Dichloroethane		
d8 Toluene		
Bromofluorobenzene		

PASC - Certificate of Analysis

Client ID:
Lab No.:
Date Sampled:
MDL

Units

Component

Benzene	0.5	ug/L	Method Blank	032642 03	Method Blank	032642 03	Method Blank	032642 03	SW-7	032646 03	27-Jun-2003
2-Butanone	5.0	"	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	0.7	"	-	-	-	-	-	-	-	-	-
Chlorobenzene	0.6	"	-	-	-	-	-	-	-	-	-
Chloroform	0.3	"	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.3	"	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	0.7	"	-	-	-	-	-	-	-	-	-
Tetrachloroethene	0.5	"	-	-	-	-	-	-	-	-	-
Trichloroethene	0.3	"	-	-	-	-	-	-	-	-	-
Vinyl Chloride	0.9	"	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	1.6	"	-	-	-	-	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-	-	-	-	-
d4-1,2 Dichloroethane			-	-	-	-	-	-	-	-	-
d8-Toluene			-	-	-	-	-	-	-	-	-
1,4-Bromofluorobenzene			-	-	-	-	-	-	-	-	-
Napthalene	0.3	ug/L	<	17	87	18	87	7.7	-	-	-
Acenaphthylene	0.4	"	<	19	94	19	94	<4.2	-	-	-
Acenaphthene	0.7	"	<	18	90	18	91	<5.3	-	-	-
Fluorene	0.3	"	<	18	91	19	92	<10	-	-	-
Phenanthrene	0.3	"	<	20	99	20	99	50	-	-	-
Anthracene	0.3	"	<	20	98	20	99	<13	-	-	-
Fluoranthene	0.2	"	<	18	90	19	94	75	-	-	-
Pyrene	0.3	"	<	19	96	20	99	61	-	-	-
Benzo(a)anthracene	0.2	"	<	19	97	20	99	40	-	-	-
Chrysene	0.3	"	<	18	92	18	92	44	-	-	-
Benzo(h)fluoranthene	0.4	"	<	18	90	20	99	<49	-	-	-
Benzo(k)fluoranthene	0.4	"	<	17	86	19	93	<20	-	-	-
Benzo(a)pyrene	0.5	"	<	19	97	20	99	<35	-	-	-
Indeno(1,2,3-cd)pyrene	0.6	"	<	20	100	20	100	<28	-	-	-
Dibenzof(a,h)anthracene	0.4	"	<	19	93	18	90	<5.1	-	-	-
Benzo(ghi)perylene	0.4	"	<	19	93	19	93	<23	-	-	-
Surrogate Recoveries		%							-	-	-
d5-Hitrobenzene			103	99	99	100	100	79	-	-	-
2-Fluorobiphenyl			88	89	89	88	88	63	-	-	-
d14-p-Terphenyl			60	85	85	88	88	32	-	-	-

Volatile Organics Analysis

SW-846 8260E

Site: Robin Steel - N.T.
Date Sampled: 05/14/03
Date Received: 05/14/03

SW-846 (Guinchi Road)
Group Number: 2031-1131
Units: ug/L
Matrix: Aqueous

WST ID: WT18518

Client ID: MCI030514A

Extraction Date: NA

Date Analyzed: 05/15/03

Compound	MQL	Result	QC Limits (%)	Qualifier
chloromethane	2	Not detected		U
vinyl chloride	1	Not detected		U
bromomethane	2	Not detected		U
chloroethane	2	Not detected		U
1,1-dichloroethene	1	Not detected		U
acetone	10	21		
carbon disulfide	1	Not detected		U
methylene chloride	2	Not detected		U
trans-1,2-dichloroethene	1	Not detected		U
1,1-dichloroethane	1	Not detected		U
vinyl acetate	10	Not detected		U
2-butanone	10	Not detected		U
cis-1,2-dichloroethene	1	Not detected		U
chloroform	1	Not detected		U
1,1,1-trichloroethane	1	Not detected		U
carbon tetrachloride	1	Not detected		U
benzene	1	Not detected		U
1,2-dichloroethane	1	Not detected		U
trichloroethene	1	Not detected		U
1,2-dichloropropane	1	Not detected		U
bromodichloromethane	1	Not detected		U
2-chloroethylvinyl ether	10	Not detected		U
4-methyl-2-pentanone	10	Not detected		U
cis-1,3-dichloropropene	1	Not detected		U
toluene	1	Not detected		U
trans-1,3-dichloropropene	1	Not detected		U
1,1,2-trichloroethane	1	Not detected		U
2-hexanone	10	Not detected		U
tetrachloroethane	1	Not detected		U
dibromochloromethane	1	Not detected		U
chlorobenzene	1	Not detected		U
ethylbenzene	1	Not detected		U
m,p-xylene	2	Not detected		U
o-xylene	1	Not detected		U
styrene	1	Not detected		U
bromoform	1	Not detected		U
1,1,2,2-tetrachloroethane	1	Not detected		U
1,2-Dichloroethane-d4 (%)		100	76-114	
Toluene-d8 (%)		104	84-118	
Bromofluorobenzene (%)		103	82-117	
Dilution Factor	1			

waste Stream Technology, Inc.

VOC Water Method Blank

SW-846 82605

Site: Robin Steel - N.T.

Date Sampled: NA

Date Received: NA

SW-8

Group Number: 2031-1131

Units: µg/L

WST ID: MB051503

Client ID: NA

Extraction Date: NA

Date Analyzed: 05/15/03

Compound	MQL	Result	QC Limits (%)	Qualifier
chloromethane	2	Not detected		U
vinyl chloride	1	Not detected		U
bromomethane	2	Not detected		U
chloroethane	2	Not detected		U
1,1-dichloroethene	1	Not detected		U
acetone	10	Not detected		U
carbon disulfide	1	Not detected		U
methylene chloride	2	Not detected		U
trans-1,2-dichloroethene	1	Not detected		U
1,1-dichloroethane	1	Not detected		U
vinyl acetate	10	Not detected		U
2-butanone	10	Not detected		U
cis-1,2-dichloroethene	1	Not detected		U
chloroform	1	Not detected		U
1,1,1-trichloroethane	1	Not detected		U
carbon tetrachloride	1	Not detected		U
benzene	1	Not detected		U
1,2-dichloroethane	1	Not detected		U
trichloroethene	1	Not detected		U
1,2-dichloropropane	1	Not detected		U
bromodichloromethane	1	Not detected		U
2-chloroethylvinyl ether	10	Not detected		U
4-methyl-2-pentanone	10	Not detected		U
cis-1,3-dichloropropene	1	Not detected		U
toluene	1	Not detected		U
trans-1,3-dichloropropene	1	Not detected		U
1,1,2-trichloroethane	1	Not detected		U
2-hexanone	10	Not detected		U
tetrachloroethene	1	Not detected		U
dibromochloromethane	1	Not detected		U
chlorobenzene	1	Not detected		U
ethylbenzene	1	Not detected		U
m,p-xylene	2	Not detected		U
o-xylene	1	Not detected		U
styrene	1	Not detected		U
bromoform	1	Not detected		U
1,1,2,2-tetrachloroethane	1	Not detected		U
1,2-Dichloroethane-d4 (%)		100	76-114	
Toluene-d8 (%)		105	84-118	
Bromofluorobenzene (%)		106	82-117	

Dilution Factor

1

MB denotes Method Blank NA denotes Not Applicable

SW-8

Group Number: 2031-1131

Units: µg/L

Matrix: Aqueous

Site: Roblin Steel - N.T.

Date Sampled: 05/14/03

Date Received: 05/14/03

WST ID: WT18518

Client ID: MCI030514A

Extraction Date: 05/16/03

Date Analyzed: 05/16/03

Compound	MQL	Result	QC Limits (%)	Qualifier
naphthalene	2	Not detected		U
2-methylnaphthalene	2	Not detected		U
acenaphthylene	2	Not detected		U
acenaphthene	2	Not detected		U
fluorene	2	Not detected		U
phenanthrene	2	Not detected		U
anthracene	2	Not detected		U
fluoranthene	2	Not detected		U
pyrene	2	Not detected		U
benzo[a]anthracene	2	Not detected		U
chrysene	2	Not detected		U
benzo[b]fluoranthene	2	Not detected		U
benzo[k]fluoranthene	2	Not detected		U
benzo[a]pyrene	2	Not detected		U
indeno[1,2,3-cd]pyrene	2	Not detected		U
dibenzo[a,h]anthracene	2	Not detected		U
benzo[g,h,i]perylene	2	Not detected		U
Nitrobenzene-d5 (%)		69	43-106	
2-Fluorobiphenyl (%)		97	50-112	
Terphenyl-d14 (%)		94	57-122	

Dilution Factor 1

Waste Stream Technology, Inc.
Wet Chemistry Analyses

Site: Roblin Steel - N.T.
Date Sampled: 05/14/03
Time Sampled: 08:45
Date Received: 05/14/03

Sw-8
Group Number: 2031-1131
Matrix: Aqueous
Units: mg O₂/L

WST ID: WT18518
Client ID: MCI030514A

Analysis	Method Reference	Reporting Limit	Result	Date Analyzed
Biochemical Oxygen Demand	EPA 405.1	200	Not detected	05/19/03

Start Date: 05/14/03
Start Time: 14:00

Wet Chemistry Analyses

Site: Robin Steel - N.T.
Date Sampled: 05/14/03
Date Received: 05/14/03

Sw-8
Group Number: 2031-1131
Matrix: Aqueous
Units: mg O₂/L

WST ID: WT18518
Client ID: MCI030514A

Analysis	Method Reference	Reporting Limit	Result	Date Analyzed
Chemical Oxygen Demand	ASTM D1252B	10.0	78.2	05/19/03

Waste Stream Technology, Inc.
Wet Chemistry Analyses

SW-8

Site: Roblin Steel - N.T.
Date Sampled: 05/14/03
Date Received: 05/14/03

Group Number: 2031-1131
Matrix: Aqueous

WST ID: WT18518
Client ID MCI030514A

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
Oil & Grease (Hexane Extraction)	EPA 1664	5.0	Not detected	mg/L	05/15/03
Total Suspended Solids	EPA 160.2	4.0	Not detected	mg/L	05/15/03

Metals Analysis Result Report

Site: Robin Steel - N.T.
 Date Sampled: 05/14/03
 Date Received: 05/14/03

SLU-8
 Group Number: 2031-113
 Units: mg/L
 Matrix: Aqueous

WST ID: WT15518
 Client ID: MCI030514.A
 Digestion Date: 05/16/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Aluminum by ICP	0.025	Not detected	05/19/03	EPA 200.7
Antimony by ICP	0.011	Not detected	05/19/03	EPA 200.7
Arsenic by ICP	0.009	Not detected	05/19/03	EPA 200.7
Barium by ICP	0.005	0.038	05/19/03	EPA 200.7
Beryllium by ICP	0.005	Not detected	05/19/03	EPA 200.7
Cadmium by ICP	0.005	Not detected	05/19/03	EPA 200.7
Calcium by ICP	0.024	66.5	05/19/03	EPA 200.7
Chromium by ICP	0.005	Not detected	05/19/03	EPA 200.7
Cobalt by ICP	0.005	Not detected	05/19/03	EPA 200.7
Copper by ICP	0.009	Not detected	05/19/03	EPA 200.7
Iron by ICP	0.083	0.528	05/19/03	EPA 200.7
Lead by ICP	0.015	Not detected	05/19/03	EPA 200.7
Magnesium by ICP	0.120	10.9	05/19/03	EPA 200.7
Manganese by ICP	0.005	0.170	05/19/03	EPA 200.7
Mercury by CVAA	0.0002	Not detected	05/20/03	EPA 245.2
Nickel by ICP	0.005	0.023	05/19/03	EPA 200.7
Potassium by ICP	0.140	7.23	05/16/03	EPA 200.7
Selenium by ICP	0.019	Not detected	05/19/03	EPA 200.7
Silver by ICP	0.005	Not detected	05/19/03	EPA 200.7
Sodium by ICP	0.120	10.6	05/16/03	EPA 200.7
Thallium by ICP	0.005	Not detected	05/19/03	EPA 200.7
Vanadium by ICP	0.005	Not detected	05/19/03	EPA 200.7
Zinc by ICP	0.013	Not detected	05/19/03	EPA 200.7

Waste Stream Technology, Inc.

Metals Analysis Result Report

Site: Roblin Steel
Date Sampled: 06/06/03
Date Received: 06/06/03

SW-9
Group Number: 2031-1375
Units: mg/L
Matrix: Aqueous

WST ID: WT19485
Client ID: RSIG30606A
Digestion Date: 06/09/03

Analyte	Reporting Limit	Result	Date Analyzed	Analysis Method
Arsenic by ICP	0.180	Not detected	06/12/03	SW-846 6010
Barium by ICP	0.100	0.130	06/12/03	SW-846 6010
Cadmium by ICP	0.100	Not detected	06/12/03	SW-846 6010
Chromium by ICP	0.100	0.181	06/12/03	SW-846 6010
Copper by ICP	0.180	1.23	06/12/03	SW-846 6010
Iron by ICP	0.083	3500	06/12/03	SW-846 6010
Lead by ICP	0.300	0.355	06/12/03	SW-846 6010
Mercury by Cold Vapor	0.0002	Not detected	06/10/03	SW-846 7470
Nickel by ICP	0.005	1.06	06/12/03	SW-846 6010
Selenium by ICP	0.380	Not detected	06/12/03	SW-846 6010
Silver by ICP	0.100	Not detected	06/12/03	SW-846 6010
Zinc by ICP	0.013	21.9	06/12/03	SW-846 6010



ENVIRONMENTAL SERVICES, INC.

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

Volatile Analysis Report for Non-potable WaterClient: **Stearns & Wheeler**

Client Job Site: N/A

Lab Project Number: 03-2153

Lab Sample Number: 10418

Client Job Number: 20143

Field Location: SW-9

Date Sampled: 08/08/2003

Field ID Number: N/A

Date Received: 08/11/2003

Sample Type: Water

Date Analyzed: 08/15/2003

Halocarbons	Results in ug / L	Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00	trans-1,2-Dichloroethene	ND< 2.00
Bromomethane	ND< 2.00	1,2-Dichloropropane	ND< 2.00
Bromoform	ND< 2.00	cis-1,3-Dichloropropene	ND< 2.00
Carbon tetrachloride	ND< 2.00	trans-1,3-Dichloropropene	ND< 2.00
Chloroethane	ND< 2.00	Methylene chloride	ND< 5.00
Chloromethane	ND< 2.00	1,1,2,2-Tetrachloroethane	ND< 2.00
2-Chloroethyl vinyl ether	ND< 2.00	Tetrachloroethene	ND< 2.00
Chloroform	ND< 2.00	1,1,1-Trichloroethane	ND< 2.00
Dibromochloromethane	ND< 2.00	1,1,2-Trichloroethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00	Trichloroethene	ND< 2.00
1,2-Dichloroethane	ND< 2.00	Trichlorofluoromethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00	Vinyl Chloride	ND< 2.00

Aromatics	Results in ug / L	Aromatics	Results in ug / L
Benzene	ND< 0.700	1,2-Dichlorobenzene	ND< 2.00
Chlorobenzene	ND< 2.00	1,3-Dichlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00	1,4-Dichlorobenzene	ND< 2.00
Toluene	ND< 2.00		

ELAP Number 10958

Method: EPA 624

Data File: 66787.D

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

Signature: _____

Bruce Hoogesteger, Technical Director



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

pH Analysis ReportClient: Stearns & Wheeler

Client Job Site: N/A

Lab Project Number: 03-2153

Client Job Number: 20143

Date Sampled: 08/08/2003

Date Received: 08/11/2003

Sample Type: Water

Date Analyzed: 08/08/2003*

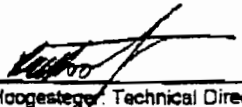
Lab Sample Number	Field Number	Field Location	Result (pH)
7357	N/A	SW-9	3.92

ELAP Number 10958

Method: EPA 9040

Comments: * pH analyzed prior to sample analytical log-in due to holding time constraints.

Signature:


Bruce Hoogesteger, Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

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

LABORATORY REPORT OF ANALYSISClient: Stearns & Wheeler

Lab Project No.: 03-2153

Client Job Site:

Sample Type: Water

Client Job No.: 20143

Analytical Method: EPA 410.4

Date Sampled: 08/08/2003

Date Received: 08/11/2003

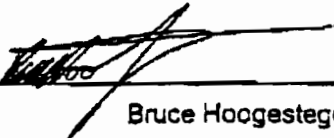
Date Analyzed: 08/18/2003

Lab Sample ID	Sample Location/Field ID	Chemical Oxygen Demand (mg/L)
7357	SW-9	412

ELAP ID.No.: 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: _____


Bruce Hoogesteger



PARADIGM

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

LABORATORY REPORT OF ANALYSIS

Client: Stearns & Wheeler

Lab Project No.: 03-2153

Lab Sample No.: 7357

Client Job Site:

Sample Type: Water

Client Job No.: 20143

Date Sampled: 08/11/2003

Field Location: SW-9

Date Received: 08/11/2003

Parameter	Date Analyzed	Analytical Method	Result (mg/l)
COD	08/18/2003	EPA 410.4	412
BOD-5	08/13/2003	EPA 405.1	41
Oil & Grease*	08/14/2003	SW-846, 1664	ND<5
TSS*	08/13/2003	SM-18, 2540D	20

ELAP ID.No.: 10709 *10249

Comments: ND denotes Non Detected.

Approved By Technical Director: _____

Bruce Hoogesteger

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

08/20/2003 14:24 15856473311

PARADIGM ENV

PAGE 05/05

COMPANY: <u>Stearns Wheeler</u>		LAB PROJECT #: <u>03-2153</u>		CLIENT PROJECT #: <u>72143</u>	
ADDRESS: <u>415 No French Road</u>		CITY: <u>Amherst</u>		STATE: <u>NY</u>	
CITY: <u>Amherst</u>		ZIP: <u>14228</u>		TURNAROUND TIME (WORKING DAYS): <u>5</u>	
PHONE: <u>716-691-8503</u>		FAX: <u>716-691-8506</u>		OTHER: <u>1 2 3 4 5</u>	
ATTN: <u>619</u>		DATE: <u>8/19/03</u>		TIME: <u>15:00</u>	
COMMENTS: <u>619</u>					

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/8/03		X	SW-8	SW-8	Ag	Full TLV	PAH, HPH, TSS, BOD, COD, TOC	7357
8/8/03		X	SW-9	SW-9	Ag			
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE: ☒	PRESERVATIONS: ☒	HOLDING TIME: ☒	TEMPERATURE: ☒
--	---	--	---	--

Sampled By: <u>Dawn Rabin</u>	Date/Time: <u>8/8/03 9:00A</u>	Relinquished By: <u>Dawn Rabin</u>	Date/Time: <u>8/8/03</u>	Relinquished By: <u>Dawn Rabin</u>	Date/Time: <u>8/8/03 11:45</u>	Received @ Lab By: <u>Pamela M. Blake</u>	Date/Time: <u>8/14/03 @ 8:30</u>	Total Cost: <u>P.I.F.</u>
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Appendix G

Sludge Sample Analytical Test Results

7/10/2003

PASC - Certificate of Analysis

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	Client ID:		Method	Method	Method	SLD 1	SLD 2
	Lab No.:		Blank	Blank	Blank	031469 03	031472 03
	Date Sampled:		24-Jun-2003	24-Jun-2003	24-Jun-2003	24-Jun-2003	24-Jun-2003
Component	MDL	Units		M. Spike	MS % Rec.		
BULK ANALYSIS							
pH after 3.5 ml of 1N HCl addition			-	-	-	1.87	1.81
pH after extraction (semi-vols/metals)			-	-	-	5.30	5.11
pH initial (5g + 96.5ml water)			-	-	-	7.81	7.69
pH of extraction fluid (semi-vols/metals)			-	-	-	4.94	4.94
pH after extraction (volatiles)			-	-	-	5.23	5.14
pH of extraction fluid (volatiles)			-	-	-	4.94	4.94
Cyanide (Reactive)	0.5	mg/kg	<1.0	25	100	<1.0	<1.0
Sulphide (Reactive)	2	"	<	-	-	210	<
Mercury	0.04	mg/kg	<	1.0	100	0.050	<
						(3)	(3)
Arsenic	1.0	mg/kg	<	26	110	20	11
Barium	0.50	"	<	52	110	53	14
Cadmium	0.50	"	<	26	100	<2.5	<2.5
Chromium	0.50	"	<	52	100	460	120
Lead	1.0	"	<	52	100	220	550
Selenium	1.0	"	<	27	110	5.7	<5.0
Silver	0.50	"	<	25	100	<2.5	<2.5
						(1)	(2)
Ignitability	1	mm/min	-	-	-	<	<
Naphthalene	0.03	mg/kg	<	1.6	79	<0.60	1.8
Acenaphthylene	0.04	"	<	1.7	83	<0.80	<2.0
Acenaphthene	0.07	"	<	1.7	83	<1.4	<3.5
Fluorene	0.03	"	<	1.8	89	<0.60	<1.5
Phenanthrene	0.03	"	<	2.0	98	<0.60	22
Anthracene	0.03	"	<	2.0	100	<0.60	<1.5
Fluoranthene	0.02	"	<	2.0	100	<0.40	<1.0
Pyrene	0.03	"	<	2.1	110	<0.60	<1.5
Benzo(a)anthracene	0.02	"	<	2.1	100	<0.40	<1.0
Chrysene	0.03	"	<	2.1	100	<0.60	10
Benzo(b)fluoranthene	0.04	"	<	2.1	100	<0.80	<2.0
Benzo(k)fluoranthene	0.04	"	<	1.9	97	<0.80	<2.0
Benzo(a)pyrene	0.05	"	<	2.1	100	<1.0	<2.5
Indeno(1,2,3-cd)pyrene	0.06	"	<	2.0	100	<1.2	<3.0
Dibenzo(ah)anthracene	0.04	"	<	2.0	100	<0.80	<2.0
Benzo(ghi)perylene	0.04	"	<	2.0	100	<0.30	<2.0
Surrogate Recoveries		%					
d5-Nitrobenzene			83	77	77	42	58
2-Fluorobiphenyl			83	77	77	72	84
d14-p-Terphenyl			93	94	94	100	106

7/10/2003

PASC - Certificate of Analysis

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Client ID:	SLD 1	SLD 1	SLD 2	SLD 2
Lab No.:	tnv	tv	tnv	tv
Date Sampled:	031470 03	031471 03	031473 03	031474 03
	27-Jun-2003	27-Jun-2003	27-Jun-2003	27-Jun-2003

Component	MDL	Units				
TCLP ANALYSIS						
Mercury	0.50	ug/L	<	-	<	-
Arsenic	0.050	mg/L	<	-	<	-
Barium	0.010	"	0.27	-	0.033	-
Cadmium	0.010	"	<	-	<	-
Chromium	0.010	"	<	-	<	-
Lead	0.050	"	0.16	-	2.9	-
Selenium	0.050	"	<	-	<	-
Silver	0.050	"	<	-	<	-
a-Chlordane	0.005	ug/L	<0.026	-	<0.026	-
g-Chlordane	0.009	"	<0.039	-	<0.039	-
Endrin	0.011	"	<0.048	-	<0.048	-
Heptachlor	0.005	"	<0.026	-	<0.026	-
Heptachlor Epoxide	0.012	"	<0.061	-	<0.061	-
Lindane	0.007	"	<0.039	-	<0.039	-
Methoxychlor	0.018	"	<0.14	-	<0.14	-
Toxaphene	0.116	"	<0.18	-	<0.18	-
Surrogate Recoveries		%				
4,4'-Dibromooctafluorobiphenyl			42	-	49	-
Decachlorobiphenyl			54	-	65	-
2,4-D (via 8150)	0.39	ug/L	<	-	<	-
2,4,5-TP	0.04	"	<	-	<	-
Surrogate Recoveries		%				
2,3-D			107	-	99	-
Benzene	0.5	ug/L	-	<100	-	<100
2-Butanone	5.0	"	-	<1000	-	<1000
Carbon Tetrachloride	0.7	"	-	<140	-	<140
Chlorobenzene	0.6	"	-	<120	-	<120
Chloroform	0.3	"	-	<60	-	<60
1,2-Dichloroethane	0.3	"	-	<60	-	<60
1,1-Dichloroethene	0.7	"	-	<140	-	<140
Tetrachloroethene	0.5	"	-	<100	-	<100
Trichloroethene	0.3	"	-	<60	-	<60
Vinyl Chloride	0.9	"	-	<180	-	<180
1,4-Dichlorobenzene	1.6	"	-	<320	-	<320
Surrogate Recoveries		%				
d4-1,2-Dichloroethane			-	101	-	102
d8-Toluene			-	101	-	102
1,4-Bromofluorobenzene			-	98	-	97

7/10/2003

PASC - Certificate of Analysis

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Component	Client ID:		SLD 1	SLD 1	SLD 2	SLD 2
	Lab No.:		tnv	tv	tnv	tv
	Date Sampled:		031470 03	031471 03	031473 03	031474 03
			27-Jun-2003	27-Jun-2003	27-Jun-2003	27-Jun-2003
	MDL	Units				
Pyridine	5.0	ug/L	<	-	<	-
o-Cresol	1.7	"	<	-	<	-
m&p-Cresol	3.5	"	5.8	-	<	-
1,4-Dichlorobenzene	2.0	"	<	-	9.7	-
2,4-Dinitrotoluene	0.5	"	<	-	<	-
Nitrobenzene	2.0	"	<	-	<	-
Pentachlorophenol	1.1	"	<	-	<	-
2,4,5-Trichlorophenol	0.6	"	<	-	<	-
2,4,6-Trichlorophenol	1.2	"	<	-	<	-
Surrogate Recoveries		%				
d5-Phenol			43	-	39	-
d5-Nitrobenzene			98	-	96	-
2-Fluorobiphenyl			82	-	75	-
2,4,6-Tribromophenol			105	-	102	-
d-14-p-Terphenyl			57	-	82	-
Hexachloroethane	2.0	ug/L	<	-	<	-
Hexachlorobutadiene	2.0	"	<	-	<	-
Hexachlorobenzene	2.0	"	<	-	<	-

7/15/2003

PASC - Certificate of Analysis

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Client ID:	Method Blank	Method Blank	Method Blank	
Lab No.:	OIL	OIL	OIL	SLD-1
Date Sampled:	032644 03	032644 03	032644 03	032645 03
MDL	27-Jun-2003	27-Jun-2003	27-Jun-2003	27-Jun-2003
Units		M. Spike	MS % Rec.	

Component**BULK ANALYSIS**

pH after 3.5 ml of 1N HCl addition
 pH after extraction (semi-vols/metals)
 pH initial (5g + 96.5ml water)
 pH of extraction fluid (semi-vols/metals)
 pH after extraction (volatiles)
 pH of extraction fluid (volatiles)

Cyanide (Reactive)

0.5 mg/kg

Sulphide (Reactive)

2

Mercury

0.04 mg/kg

Arsenic

1.0 mg/kg

Barium

0.50

Cadmium

0.50

Chromium

0.50

Lead

1.0

Selenium

1.0

Silver

0.50

Ignitability

1 mm/min

Aroclor-1016

0.08 ug/gm

Aroclor-1221

0.05

Aroclor-1232

0.08

Aroclor-1242

0.08

Aroclor-1248

0.14

Aroclor-1254

0.21

Aroclor-1260

0.15

Aroclor-1262

0.15

Aroclor-1268

0.14

Total PCB

0.21

Surrogate Recoveries

%

4,4'-Dibromooctafluorobiphenyl

105

104

104

99

Naphthalene

0.03 mg/kg

Acenaphthylene

0.04

Acenaphthene

0.07

Fluorene

0.03

Phenanthrene

0.03

Anthracene

0.03

Fluoranthene

0.02

Pyrene

0.03

Benz(a)anthracene

0.02

Chrysene

0.03

Benzo(b)fluoranthene

0.04

Benzo(k)fluoranthene

0.04

Benzo(a)pyrene

0.05

Indeno(1,2,3-cd)pyrene

0.06

Dibenzo(ah)anthracene

0.04

Benzo(ghi)perylene

0.04

Surrogate Recoveries

%

d5-Nitrobenzene

2-Fluorobiphenyl

di4-p-Terphenyl

7/7/2003

PASC - Certificate of Analysis

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Client ID:	Method	Method	Method	SLD3	SLD3	SLD4
Lab No.:	Blank	Blank	Blank			
Date Sampled:	030283 03	030283 03	030283 03	030284 03	030284 03	030287 03
MDL	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003	18-Jun-2003
Units		M. Spike	MS % Rec.		Duplicate	

Component

BULK ANALYSIS

pH after 3.5 ml of 1N HCl addition	-	-	-	1.70	-	1.64
pH after extraction (semi-vols/metals)	-	-	-	4.91	-	5.01
pH initial (5g + 96.5ml water)	-	-	-	8.36	-	7.94
pH of extraction fluid (semi-vols/metals)	-	-	-	4.91	-	4.94
pH after extraction (volatiles)	-	-	-	4.99	-	5.03
pH of extraction fluid (volatiles)	-	-	-	4.91	-	4.94

Cyanide (Reactive)	0.5	mg/kg	<1.0	24	95	<1.0	-	<1.0
Sulphide (Reactive)	2	"	<	-	-	2.4	2.5	43

Mercury (organic)	0.04	mg/kg	-	-	-	-	-	-
Mercury	0.04	"	<	1.1	110	0.06	-	<

Arsenic	1.0	mg/kg	<	26	110	28	-	<
Barium	0.50	"	<	52	100	80	-	18
Cadmium	0.50	"	<	26	100	6.2	-	<
Chromium	0.50	"	<	52	100	850	-	1.9
Lead	1.0	"	<	52	100	250	-	17
Selenium	1.0	"	<	26	100	11	-	<
Silver	0.50	"	<	25	97	<	-	<

Ignitability	1	mm/min	-	-	-	<	-	<
--------------	---	--------	---	---	---	---	---	---

Aroclor-1016	0.08	ug/gm	-	-	-	-	-	-
Aroclor-1221	0.05	"	-	-	-	-	-	-
Aroclor-1232	0.08	"	-	-	-	-	-	-
Aroclor-1242	0.08	"	-	-	-	-	-	-
Aroclor-1248	0.14	"	-	-	-	-	-	-
Aroclor-1254	0.21	"	-	-	-	-	-	-
Aroclor-1260	0.15	"	-	-	-	-	-	-
Aroclor-1262	0.15	"	-	-	-	-	-	-
Aroclor-1268	0.14	"	-	-	-	-	-	-
Total PCB	0.21	"	-	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-	-
4,4'-Dibromooctafluorobiphenyl			-	-	-	-	-	-

Naphthalene	0.03	mg/kg	<	1.6	79	<0.30	-	26
Acenaphthylene	0.04	"	<	1.7	83	<0.40	-	2.0
Acenaphthene	0.07	"	<	1.7	83	<0.70	-	11
Fluorene	0.03	"	<	1.8	89	<0.30	-	19
Phenanthrene	0.03	"	<	2.0	98	<0.30	-	120
Anthracene	0.03	"	<	2.0	100	<0.30	-	13
Fluoranthene	0.02	"	<	2.0	100	<0.20	-	68
Pyrene	0.03	"	<	2.1	110	<0.30	-	74
Benz(a)anthracene	0.02	"	<	2.1	100	<0.20	-	30
Chrysene	0.03	"	<	2.1	100	<0.30	-	51
Benzo(b)fluoranthene	0.04	"	<	2.1	100	<0.40	-	<2.0
Benzo(k)fluoranthene	0.04	"	<	1.9	97	<0.40	-	<2.0
Benzo(a)pyrene	0.05	"	<	2.1	100	<0.50	-	<2.5
Indeno(1,2,3-cd)pyrene	0.06	"	<	2.0	100	<0.60	-	<3.0
Dibenzo(ah)anthracene	0.04	"	<	2.0	100	<0.40	-	<2.0
Benzo(ghi)perylene	0.04	"	<	2.0	100	<0.40	-	<2.0
Surrogate Recoveries		%	-	-	-	-	-	-
d5-Nitrobenzene			83	77	77	34	-	57
2-Fluorobiphenyl			83	77	77	53	-	100
d14-p-Terphenyl			93	94	94	58	-	149

7/7/2003

PASC - Certificate of Analysis

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Client ID:	SW8	SLD3	SLD3	SLD4	SLD4
Lab No.:	(SLD2)	mv	tv	mv	tv
Date Sampled:	030282 03	030285 03	030286 03	030288 03	030289 03
	18-Jun-2003	21-Jun-2003	21-Jun-2003	25-Jun-2003	25-Jun-2003

Component	MDL	Units
------------------	------------	--------------

TCLP-WATER ANALYSIS

pH (20 DEG C)			7.25	-	-	-	-
pH of VOC vials			-	-	-	-	-
TSS	5.0	mg/L	8200	-	-	-	-
COD	10.0	mg/L	100	-	-	-	-
BOD5	5.0	mg/L	490	-	-	-	-
Mercury	0.05	ug/L	-	-	-	-	-
Mercury	0.50	"	-	<	-	<	-
Arsenic	0.010	mg/L	-	-	-	-	-
Barium	0.001	"	-	-	-	-	-
Cadmium	0.002	"	-	-	-	-	-
Chromium	0.002	"	-	-	-	-	-
Lead	0.010	"	-	-	-	-	-
Selenium	0.010	"	-	-	-	-	-
Silver	0.002	"	-	-	-	-	-
Arsenic	0.050	"	-	<	-	<	-
Barium	0.010	"	-	0.078	-	0.031	-
Cadmium	0.010	"	-	<	-	<	-
Chromium	0.010	"	-	<	-	<	-
Lead	0.050	"	-	<	-	0.059	-
Selenium	0.050	"	-	<	-	<	-
Silver	0.050	"	-	<	-	<	-
a-Chlordane	0.005	ug/L	-	<0.026	-	<0.046	-
g-Chlordane	0.009	"	-	<0.039	-	<0.069	-
Endrin	0.011	"	-	<0.048	-	<0.085	-
Heptachlor	0.005	"	-	<0.026	-	<0.046	-
Heptachlor Epoxide	0.012	"	-	<0.061	-	<0.11	-
Lindane	0.007	"	-	<0.039	-	<0.069	-
Methoxychlor	0.018	"	-	<0.14	-	<0.25	-
Toxaphene	0.116	"	-	<0.18	-	<0.32	-
Surrogate Recoveries		%				(4)	
4,4'-Dibromooctafluorobiphenyl			-	49	-	44	-
Decachlorobiphenyl			-	57	-	145	-
2,4-D (via 8150)	0.39	ug/L	-	<	-	<	-
2,4,5-TP	0.04	"	-	<	-	<	-
Surrogate Recoveries		%					
2,3-D			-	76	-	104	-
Oil (mineral)	1.0	mg/L	-	-	-	-	-
Grease (Animal)	1.0	"	-	-	-	-	-
Total Oil & Grease	1.0	"	-	-	-	-	-

7/7/2003

PASC - Certificate of Analysis

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Client ID:	SW8	SLD3	SLD3	SLD4	SLD4
Lab No.:	(SLD2)	tnv	tv	tnv	tv
Date Sampled:	030282 03	030285 03	030286 03	030288 03	030289 03
	18-Jun-2003	21-Jun-2003	21-Jun-2003	25-Jun-2003	25-Jun-2003

Component	MDL	Units					
Acetone	12.7	ug/L	-	-	-	-	-
Benzene	0.5	"	-	-	-	-	-
Bromoform	0.7	"	-	-	-	-	-
Bromomethane	1.0	"	-	-	-	-	-
2-Butanone	3.2	"	-	-	-	-	-
Carbon Disulfide	0.9	"	-	-	-	-	-
Carbon Tetrachloride	0.7	"	-	-	-	-	-
Chlorobenzene	0.6	"	-	-	-	-	-
Chlorodibromomethane	0.4	"	-	-	-	-	-
Chloroethane	0.9	"	-	-	-	-	-
Chloroform	0.4	"	-	-	-	-	-
Chloromethane	1.4	"	-	-	-	-	-
Dichlorobromomethane	0.4	"	-	-	-	-	-
1,1-Dichloroethane	0.5	"	-	-	-	-	-
1,2-Dichloroethane	0.4	"	-	-	-	-	-
1,1-Dichloroethene	0.7	"	-	-	-	-	-
cis-1,2-Dichloroethene	0.6	"	-	-	-	-	-
trans-1,2-Dichloroethene	0.5	"	-	-	-	-	-
1,2-Dichloropropane	0.7	"	-	-	-	-	-
cis-1,3-Dichloropropene	0.3	"	-	-	-	-	-
trans-1,3-Dichloropropene	0.6	"	-	-	-	-	-
Ethylbenzene	0.6	"	-	-	-	-	-
2-Hexanone	1.3	"	-	-	-	-	-
Methylene Chloride	2.3	"	-	-	-	-	-
4-Methyl-2-Pentanone	1.5	"	-	-	-	-	-
Styrene	0.6	"	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.8	"	-	-	-	-	-
Tetrachloroethene	0.5	"	-	-	-	-	-
Toluene	1.0	"	-	-	-	-	-
1,1,1-Trichloroethane	0.8	"	-	-	-	-	-
1,1,2-Trichloroethane	0.6	"	-	-	-	-	-
Trichloroethene	1.0	"	-	-	-	-	-
Vinyl Chloride	0.9	"	-	-	-	-	-
m&p-Xylene	1.1	"	-	-	-	-	-
o-Xylene	0.5	"	-	-	-	-	-
Surrogate Recoveries		%					
d4-1,2-Dichloroethane			-	-	-	-	-
d8-Toluene			-	-	-	-	-
Bromofluorobenzene			-	-	-	-	-
Benzene	0.5	ug/L	-	-	<100	-	<100
2-Butanone	5.0	"	-	-	<1000	-	<1000
Carbon Tetrachloride	0.7	"	-	-	<140	-	<140
Chlorobenzene	0.6	"	-	-	<120	-	<120
Chloroform	0.3	"	-	-	<60	-	<60
1,2-Dichloroethane	0.3	"	-	-	<60	-	<60
1,1-Dichloroethene	0.7	"	-	-	<140	-	<140
Tetrachloroethene	0.5	"	-	-	<100	-	<100
Trichloroethene	0.3	"	-	-	<60	-	<60
Vinyl Chloride	0.9	"	-	-	<180	-	<180
1,4-Dichlorobenzene	1.6	"	-	-	<320	-	<320
Surrogate Recoveries		%					
d4-1,2-Dichloroethane			-	-	101	-	101
d8-Toluene			-	-	101	-	100
1,4-Bromofluorobenzene			-	-	99	-	99

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	Client ID:		SLD 5	SLD 5	SLD 5	SLD 5
	Lab No.:		031463 03	031463 03	031463 03	031463 03
	Date Sampled:		24-Jun-2003	24-Jun-2003	24-Jun-2003	24-Jun-2003
Component	MDL	Units		Duplicate	M. Spike	MS % Rec.
BULK ANALYSIS						
pH after 3.5 ml of 1N HCl addition			1.71	-	-	-
pH after extraction (semi-vols/metals)			5.36	-	-	-
pH initial (5g + 96.5ml water)			8.56	-	-	-
pH of extraction fluid (semi-vols/metals)			4.94	-	-	-
pH after extraction (volatiles)			5.25	-	-	-
pH of extraction fluid (volatiles)			4.94	-	-	-
Cyanide (Reactive)	0.5	mg/kg	<1.0	-	-	-
Sulphide (Reactive)	2	"	280	200	-	-
Mercury	0.04	mg/kg	< (1)	-	-	-
Arsenic	1.0	mg/kg	48	-	-	-
Barium	0.50	"	5.5	-	-	-
Cadmium	0.50	"	<5.0	-	-	-
Chromium	0.50	"	1100	-	-	-
Lead	1.0	"	280	-	-	-
Selenium	1.0	"	<10	-	-	-
Silver	0.50	"	<5.0 (2)	-	-	-
Ignitability	1	mm/min	<	-	-	-
Naphthalene	0.03	mg/kg	<0.60	<0.60	4.6	100
Acenaphthylene	0.04	"	<0.80	<0.80	4.5	100
Acenaphthene	0.07	"	<1.4	<1.4	4.7	110
Fluorene	0.03	"	<0.60	<0.60	4.6	100
Phenanthrene	0.03	"	<0.60	<0.60	5.5	120
Anthracene	0.03	"	<0.60	<0.60	4.9	110
Fluoranthene	0.02	"	<0.48	<0.46	4.5	100
Pyrene	0.03	"	<0.80	<0.68	4.8	110
Benz(a)anthracene	0.02	"	<0.70	<0.40	5.6	130
Chrysene	0.03	"	<0.60	<0.60	5.0	110
Benzo(b)fluoranthene	0.04	"	<0.80	<0.80	5.0	110
Benzo(k)fluoranthene	0.04	"	<0.80	<0.80	5.0	110
Benzo(a)pyrene	0.05	"	<1.0	<1.0	5.2	120
Indeno(1,2,3-cd)pyrene	0.06	"	<1.2	<1.2	3.8	86
Dibenzo(ah)anthracene	0.04	"	<0.80	<0.80	3.7	82
Benzo(ghi)perylene	0.04	"	<0.80	<0.80	3.5	79
Surrogate Recoveries		%				
d5-Nitrobenzene			81	97	107	107
2-Fluorobiphenyl			96	92	96	96
d14-p-Terphenyl			82	86	92	92

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Component	MDL	Units	SW8	SLD3	SLD3	SLD4	SLD4
			(SLD2)	tnv	tv	tnv	tv
			030282 03	030285 03	030286 03	030288 03	030289 03
			Date Sampled: 18-Jun-2003	21-Jun-2003	21-Jun-2003	25-Jun-2003	25-Jun-2003
Naphthalene	0.3	ug/L	-	-	-	-	-
Acenaphthylene	0.4	"	-	-	-	-	-
Acenaphthene	0.7	"	-	-	-	-	-
Fluorene	0.3	"	-	-	-	-	-
Phenanthrene	0.3	"	-	-	-	-	-
Anthracene	0.3	"	-	-	-	-	-
Fluoranthene	0.2	"	-	-	-	-	-
Pyrene	0.3	"	-	-	-	-	-
Benz(a)anthracene	0.2	"	-	-	-	-	-
Chrysene	0.3	"	-	-	-	-	-
Benzo(b)fluoranthene	0.4	"	-	-	-	-	-
Benzo(k)fluoranthene	0.4	"	-	-	-	-	-
Benzo(a)pyrene	0.5	"	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.6	"	-	-	-	-	-
Dibenzo(ah)anthracene	0.4	"	-	-	-	-	-
Benzo(ghi)perylene	0.4	"	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-
d5-Nitrobenzene			-	-	-	-	-
2-Fluorobiphenyl			-	-	-	-	-
d14-p-Terphenyl			-	-	-	-	-
Pyridine	5.0	ug/L	-	<	-	<	-
o-Cresol	1.7	"	-	<	-	<	-
m&p-Cresol	3.5	"	-	<	-	<	-
1,4-Dichlorobenzene	2.0	"	-	<	-	<	-
2,4-Dinitrotoluene	0.5	"	-	<	-	<	-
Nitrobenzene	2.0	"	-	<	-	<	-
Pentachlorophenol	1.1	"	-	<	-	<	-
2,4,5-Trichlorophenol	0.6	"	-	<	-	<	-
2,4,6-Trichlorophenol	1.2	"	-	<	-	<	-
Surrogate Recoveries		%	-	-	-	-	-
d5-Phenol			-	31	-	35	-
d5-Nitrobenzene			-	79	-	88	-
2-Fluorobiphenyl			-	70	-	72	-
2,4,6-Tribromophenol			-	98	-	102	-
d-14-p-Terphenyl			-	83	-	108	-
Hexachloroethane	2.0	ug/L	-	<	-	<	-
Hexachlorobutadiene	2.0	"	-	<	-	<	-
Hexachlorobenzene	2.0	"	-	<	-	<	-

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Client ID:	SLD 5	SLD 5	SLD 5
Lab No.:	mv	tv	tv
Date Sampled:	031464 03	031465 03	031465 03
	27-Jun-2003	27-Jun-2003	27-Jun-2003

Component
TCLP ANALYSIS

	MDL	Units			
Mercury	0.50	ug/L	<	-	-
Arsenic	0.050	mg/L	0.22	-	-
Barium	0.010	"	0.10	-	-
Cadmium	0.010	"	<	-	-
Chromium	0.010	"	0.061	-	-
Lead	0.050	"	0.054	-	-
Selenium	0.050	"	<	-	-
Silver	0.050	"	<	-	-
a-Chlordane	0.005	ug/L	<0.030	-	-
g-Chlordane	0.009	"	<0.045	-	-
Endrin	0.011	"	<0.055	-	-
Heptachlor	0.005	"	<0.030	-	-
Heptachlor Epoxide	0.012	"	<0.070	-	-
Lindane	0.007	"	<0.045	-	-
Methoxychlor	0.018	"	<0.17	-	-
Toxaphene	0.116	"	<0.21	-	-
Surrogate Recoveries		%			
4,4'-Dibromooctafluorobiphenyl			44	-	-
Decachlorobiphenyl			98	-	-
2,4-D (via 8150)	0.39	ug/L	<	-	-
2,4,5-TP	0.04	"	<	-	-
Surrogate Recoveries		%			
2,3-D			56	-	-
Benzene	0.5	ug/L	-	<100	<100
2-Butanone	5.0	"	-	<1000	<1000
Carbon Tetrachloride	0.7	"	-	<140	<140
Chlorobenzene	0.6	"	-	<120	<120
Chloroform	0.3	"	-	<60	<60
1,2-Dichloroethane	0.3	"	-	<60	<60
1,1-Dichloroethene	0.7	"	-	<140	<140
Tetrachloroethene	0.5	"	-	<100	<100
Trichloroethene	0.3	"	-	<60	<60
Vinyl Chloride	0.9	"	-	<180	<180
1,4-Dichlorobenzene	1.6	"	-	<320	<320
Surrogate Recoveries		%			
d4-1,2-Dichloroethane			-	101	101
d8-Toluene			-	100	101
1,4-Bromofluorobenzene			-	99	100

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PASC - Certificate of Analysis

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	SLD 5	SLD 5	SLD 5
Client ID:	tnv	tv	tv
Lab No.:	031464 03	031465 03	031465 03
Date Sampled:	27-Jun-2003	27-Jun-2003	27-Jun-2003

Component	MDL	Units	Duplicate
Pyridine	5.0	ug/L	<
o-Cresol	1.7	"	<
m&p-Cresol	3.5	"	<
1,4-Dichlorobenzene	2.0	"	<
2,4-Dinitrotoluene	0.5	"	<
Nitrobenzene	2.0	"	<
Pentachlorophenol	1.1	"	<
2,4,5-Trichlorophenol	0.6	"	<
2,4,6-Trichlorophenol	1.2	"	<
Surrogate Recoveries		%	
d5-Phenol		26	-
d5-Nitrobenzene		80	-
2-Fluorobiphenyl		77	-
2,4,6-Tribromophenol		93	-
d-14-p-Terphenyl		70	-
Hexachloroethane	2.0	ug/L	<
Hexachlorobutadiene	2.0	"	<
Hexachlorobenzene	2.0	"	<

Client:Stearns Wheeler Project:Roblin Steel

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PASC - Certificate of Analysis

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Client ID:	Method	Method	Method	SLD-6	SLD-6
Lab No.:	Blank	Blank	Blank	SLD-6	SLD-6
Date Sampled:	032641 03	032641 03	032641 03	032647 03	032647 03
MDL	27-Jun-2003	27-Jun-2003	27-Jun-2003	27-Jun-2003	27-Jun-2003
Units	M. Spike	MS % Rec.			Duplicate

Component

BULK ANALYSIS

pH after 3.5 ml of 1N HCl addition	-	-	-	1.83	-		
pH after extraction (semi-vols/metals)	-	-	-	5.75	-		
pH initial (5g + 96.5ml water)	-	-	-	9.89	-		
pH of extraction fluid (semi-vols/metals)	-	-	-	4.94	-		
pH after extraction (volatiles)	-	-	-	5.71	-		
pH of extraction fluid (volatiles)	-	-	-	4.89	-		
Cyanide (Reactive)	0.5	mg/kg	<1.0	26	100	<1.0	-
Sulphide (Reactive)	2	"	<	<	57	8.8	6.6
Mercury	0.04	mg/kg	<	1.0	100	1.7	-
Arsenic	1.0	mg/kg	<	26	110	10	-
Barium	0.50	"	<	52	110	55	-
Cadmium	0.50	"	<	26	100	0.88	-
Chromium	0.50	"	<	52	100	20	-
Lead	1.0	"	<	52	100	190	-
Selenium	1.0	"	<	27	110	1.5	-
Silver	0.50	"	<	25	100	<	-
						(1)	-
Ignitability	1	mm/min	-	-	-	<	-
Aroclor-1016	0.08	ug/gm	-	-	-	-	-
Aroclor-1221	0.05	"	-	-	-	-	-
Aroclor-1232	0.08	"	-	-	-	-	-
Aroclor-1242	0.08	"	-	-	-	-	-
Aroclor-1248	0.14	"	-	-	-	-	-
Aroclor-1254	0.21	"	-	-	-	-	-
Aroclor-1260	0.15	"	-	-	-	-	-
Aroclor-1262	0.15	"	-	-	-	-	-
Aroclor-1268	0.14	"	-	-	-	-	-
Total PCB	0.21	"	-	-	-	-	-
Surrogate Recoveries		%	-	-	-	-	-
4,4'-Dibromooctafluorobiphenyl			-	-	-	-	-
Naphthalene	0.03	mg/kg	<	1.9	96	0.61	0.42
Acenaphthylene	0.04	"	<	2.0	99	0.29	0.10
Acenaphthene	0.07	"	<	2.0	97	1.0	0.58
Fluorene	0.03	"	<	2.0	97	1.1	0.48
Phenanthrene	0.03	"	<	2.1	110	11	6.2
Anthracene	0.03	"	<	2.0	100	2.1	1.0
Fluoranthene	0.02	"	<	2.0	99	16	9.2
Pyrene	0.03	"	<	2.6	130	11	6.2
Benz(a)anthracene	0.02	"	<	2.1	110	6.3	3.8
Chrysene	0.03	"	<	2.0	99	7.1	4.5
Benzo(b)fluoranthene	0.04	"	<	2.0	99	<9.5	<5.8
Benzo(k)fluoranthene	0.04	"	<	1.9	95	<2.7	<2.2
Benzo(a)pyrene	0.05	"	<	2.0	100	<5.8	<3.6
Indeno(1,2,3-cd)pyrene	0.06	"	<	2.1	110	<6.3	<3.5
Dibenzo(ah)anthracene	0.04	"	<	2.0	100	<0.93	<0.71
Benzo(ghi)perylene	0.04	"	<	2.1	100	<5.3	<3.1
Surrogate Recoveries		%	-	-	-	-	-
d5-Nitrobenzene			83	92	92	42	45
2-Fluorobiphenyl			86	90	90	69	86
d14-p-Terphenyl			115	123	123	78	95

Client: Stearns Wheeler Project: Roblin Steel

PASC - Certificate of Analysis

Component	Client ID:	Lab No.:	Date Sampled:	MDL	Units	Method Blank telap	Method Blank telap	Method Blank telap	Method Blank telap	Method Blank MSD % Rec.	Method Blank MSD % Rec.	SLD-6 inv	SLD-6 iv
TCLP LEACHATE/WATER ANALYSIS													
pH (20 DEG C)													
TSS	5.0				mg/L	-	-	-	-	-	-	-	-
COD	10.0				mg/L	-	-	-	-	-	-	-	-
DOD5	5.0				mg/L	-	-	-	-	-	-	-	-
Mercury	0.50				ug/L	<	9.9	99	-	-	<	-	-
Arsenic	0.050				mg/L	<	1.3	100	-	-	<	-	-
Barium	0.010				"	<	2.5	100	-	-	0.19	-	-
Cadmium	0.010				"	<	1.3	100	-	-	0.028	-	-
Chromium	0.010				"	<	2.5	100	-	-	0.014	-	-
Lead	0.050				"	<	2.5	100	-	-	0.24	-	-
Selenium	0.050				"	<	1.3	100	-	-	<	-	-
Silver	0.050				"	<	1.2	98	-	-	<	-	-
a-Chlordane	0.005				ug/L	<	0.14	120	0.14	120	<0.026	-	-
g-Chlordane	0.009				"	<	0.14	110	0.14	110	<0.039	-	-
Endrin	0.011				"	<	0.16	130	0.17	140	<0.048	-	-
Heptachlor	0.005				"	<	0.12	98	0.12	96	<0.026	-	-
Heptachlor Epoxide	0.012				"	<	0.15	130	0.17	140	<0.061	-	-
Lindane	0.007				"	<	0.12	100	0.11	91	<0.039	-	-
Methoxychlor	0.018				"	<	0.62	130	0.64	130	<0.14	-	-
Toxaphene	0.116				"	<	NS	-	NS	-	<0.18	-	-
Surrogate Recoveries					%								
4,4'-Dibromooctafionobiphenyl						43	60	60	59	59	45	-	-
Decachlorobiphenyl						52	57	57	59	59	53	-	-
2,4-D (via 8150)	0.39				ug/L	<	6.4	86	5.9	78	<2.0	-	-
2,4,5-TP	0.04				"	<	0.61	81	0.58	78	<0.20	-	-
Surrogate Recoveries					%							-	-
2,3-D						99	101	101	90	90	100	-	-
Oil (mineral)	1.0				mg/L	-	-	-	-	-	-	-	-
Grease (Animal)	1.0				"	-	-	-	-	-	-	-	-
Total Oil & Grease	1.0				"	-	-	-	-	-	-	-	-

Client: Stearns Wheeler Project: Robin Steel

PASC - Certificate of Analysis

Component	Client ID: Lab No. Date Sampled MDL	Units	Method Blank iclp 032643 03 27-Jun-2003 M. Spike	Method Blank iclp 032643 03 27-Jun-2003 MS % Rec.	Method Blank iclp 032643 03 27-Jun-2003 MS Dup	Method Blank iclp 032643 03 27-Jun-2003 MSD % Rec.	SLD-6 inv 032648 03 03-Jul-2003	SLD-6 iv 032649 03 04-Jul-2003
Acetone	12.7	ug/L	-	-	-	-	-	-
Benzene	0.5	"	-	-	-	-	-	-
Bromoform	0.7	"	-	-	-	-	-	-
Bromomethane	1.0	"	-	-	-	-	-	-
2-Butanone	3.2	"	-	-	-	-	-	-
Carbon Disulfide	0.9	"	-	-	-	-	-	-
Carbon Tetrachloride	0.7	"	-	-	-	-	-	-
Chlorobenzene	0.6	"	-	-	-	-	-	-
Chlorodibromomethane	0.4	"	-	-	-	-	-	-
Chloroethane	0.9	"	-	-	-	-	-	-
Chloroform	0.4	"	-	-	-	-	-	-
Chloromethane	1.4	"	-	-	-	-	-	-
Dichlorobromomethane	0.4	"	-	-	-	-	-	-
1,1-Dichloroethane	0.5	"	-	-	-	-	-	-
1,2-Dichloroethane	0.4	"	-	-	-	-	-	-
1,1-Dichloroethene	0.7	"	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.6	"	-	-	-	-	-	-
trans-1,2-Dichloroethene	0.5	"	-	-	-	-	-	-
1,2-Dichloropropane	0.7	"	-	-	-	-	-	-
cis-1,3-Dichloropropene	0.3	"	-	-	-	-	-	-
trans-1,3-Dichloropropene	0.6	"	-	-	-	-	-	-
Ethylbenzene	0.6	"	-	-	-	-	-	-
2-Hexanone	1.3	"	-	-	-	-	-	-
Methylene Chloride	2.3	"	-	-	-	-	-	-
4-Methyl-2-Pentanone	1.5	"	-	-	-	-	-	-
Styrene	0.6	"	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.8	"	-	-	-	-	-	-
Tetrachloroethene	0.5	"	-	-	-	-	-	-
Toluene	1.0	"	-	-	-	-	-	-
1,1,1-Trichloroethane	0.8	"	-	-	-	-	-	-
1,1,1,2-Trichloroethane	0.6	"	-	-	-	-	-	-
Trichloroethene	1.0	"	-	-	-	-	-	-
Vinyl Chloride	0.9	"	-	-	-	-	-	-
m&p-Xylene	1.1	"	-	-	-	-	-	-
o-Xylene	0.5	"	-	-	-	-	-	-
S surrogate Recoveries		%	-	-	-	-	-	-
d4-1,2-Dichloroethane			-	-	-	-	-	-
d8-Toluene			-	-	-	-	-	-
Bromofluorobenzene			-	-	-	-	-	-

Client:Stearns Wheeler Project:Roblin Steel

7/15/2003

Volatile Analysis Report for TCLP Extract

Client: Stearns & Wheeler

Client Job Site: Roblin Steel
Client Job Number: 20143
Field Location: SLD-5
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 03-1771
Lab Sample Number: 6385
Date Sampled: 07/03/2003
Date Received: 07/07/2003
Date Analyzed: 07/10/2003

TCLP Analytes	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl Chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 66210.D

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

Signature: _____


Bruce Hoogesteger: Technical Director

Semi-Volatile Analysis Report for TCLP Extract

Client: Stearns & Wheeler

Client Job Site: Roblin Steel
Client Job Number: 20143
Field Location: SLD-5
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 03-1771
Lab Sample Number: 6385
Date Sampled: 07/03/2003
Date Received: 07/07/2003
Date Analyzed: 07/08/2003

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	3,000
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

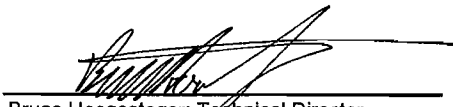
ELAP Number 10958

Method: EPA 8270C

Data File: 11644.D

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

Signature:


Bruce Hoogesteger: Technical Director



Client: Stearns & Wheeler

Lab Project No.: 03-1771

Lab Sample No.: 6385

Client Job Site: Roblin Steel

Sample Type: TCLP Extract

Client Job No.: 20143

Date Sampled: 07/03/2003

Field Location: SLD-5

Date Received: 07/07/2003

Field ID No.: N/A

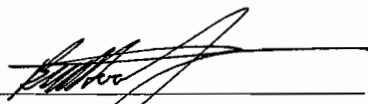
Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/09/2003	EPA 6010	<0.100	5.0
Barium	07/09/2003	EPA 6010	0.682	100.0
Cadmium	07/09/2003	EPA 6010	<0.025	1.0
Chromium	07/09/2003	EPA 6010	<0.050	5.0
Lead	07/09/2003	EPA 6010	<0.100	5.0
Mercury	07/10/2003	EPA 7470	<0.0020	0.2
Selenium	07/09/2003	EPA 6010	<0.100	1.0
Silver	07/09/2003	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

LABORATORY REPORT OF ANALYSIS

Client: Stearns & Wheeler

Lab Project No.: 03-1771

Lab Sample No.: 6385

Client Job Site: Roblin Steel

Client Job No.: 20143

Sample Type: Sludge

Field Location: SLD-5

Date Sampled: 07/03/2003

Date Received: 07/07/2003

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cyanide Reactivity	07/10/2003	SW846, 7.3	ND<1 Non Reactive
Sulfide Reactivity	07/10/2003	SW846, 7.3	20 Non Reactive

ELAP ID. No.: 10709

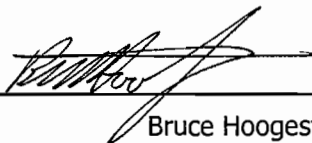
Comments:

ND denotes Non Detected.

Hazardous Waste Regulatory Levels for Reactivity are as follows:

Sulfide - 500 mg/kg, Cyanide - 250 mg/kg.

Approved By Technical Director:



Bruce Hoogesteger



PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Stearns & Wheeler**

Lab Project No.: 03-1771

Client Job Site: Roblin Steel

Sample Type: Soil
Method: SW846 1010

Client Job No.: 20143

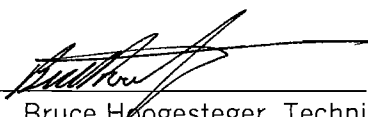
Date(s) Sampled: 07/03/2003
Date Received: 07/07/2003
Date Analyzed: 07/09/2003

Laboratory Report for Flashpoint Analysis

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
6385	N/A	SLD-5	>70

ELAP ID No.: 10958

Comments:

Approved By: 
Bruce Hoogesteger, Technical Director

pH Analysis Report

Client: Stearns & Wheeler

Client Job Site: Roblin Steel

Lab Project Number: 03-1771

Client Job Number: 20143

Date Sampled: 07/03/2003

Date Received: 07/07/2003

Sample Type: Soil

Date Analyzed: 07/09/2003

Lab Sample Number	Field Number	Field Location	Result (pH)
6385	N/A	SLD-5	7.4

ELAP Number 10958

Method: EPA 9045C

Comments:

Signature:


Bruce Hoogesteger: Technical Director



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

Volatile Analysis Report for TCLP ExtractClient: Stearns & Wheeler

Client Job Site: Roblin Steel

Lab Project Number: 03-1771

Lab Sample Number: 6385

Client Job Number: 20143

Field Location: SLD-

Date Sampled: 07/03/2003

Field ID Number: N/A

Date Received: 07/07/2003

Sample Type: TCLP Extract

Date Analyzed: 07/10/2003

TCLP Analytes	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl Chloride	ND< 20.0	200

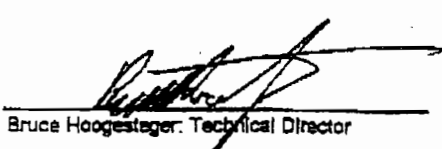
ELAP Number 10958

Method: EPA 8260B

Data File: 66210.D

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

Signature:


Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 031771V1.XLS

7/15/2003

PASC - Certificate of Analysis

Page 12 of 14

Component	Client ID: Lab No.: Date Sampled:	MDL	Units	Method Blank iclp	Method Blank iclp	Method Blank iclp	Method Blank iclp	Method Blank iclp	Method Blank iclp	SLD-6 inv	SLD-6 iv
Pyridine		5.0	ug/L	<	NS	NS	NS	NS	NS	<	-
o-Cresol		1.7	"	<	NS	NS	NS	NS	NS	<	-
m&p-Cresol		3.5	"	<	14	110	15	60	032643 03	<	032649 03
1,4-Dichlorobenzene		2.0	"	<	18	70	18	73	032648 03	<	032649 03
2,4-Dinitrotoluene		0.5	"	<	25	100	25	100	27-Jun-2003	<	04-Jul-2003
Nitrobenzene		2.0	"	<	24	95	25	100	27-Jun-2003	<	
Pentachlorophenol		1.1	"	<	27	110	28	110	27-Jun-2003	<	
2,4,5-Trichlorophenol		0.6	"	<	NS	-	NS	-	27-Jun-2003	<	
2,4,6-Trichlorophenol		1.2	"	<	22	90	23	92	27-Jun-2003	<	
Surrogate Recoveries			%								
d5-Phenol				27	24	24	25	25	25	29	
d5-Nitrobenzene				89	86	86	89	89	89	90	
2-Fluorobiphenyl				80	84	84	86	86	86	70	
2,4,6-Tribromophenol				91	76	76	76	76	76	100	
d-1,4-p-Terphenyl				98	111	111	101	101	101	87	
Hexachloroethane		2.0	ug/L	<	14	54	14	57	57	<	
Hexachlorobutadiene		2.0	"	<	15	58	16	62	62	<	
Hexachlorobenzene		2.0	"	<	25	100	26	110	110	<	

Client:Stearns Wheeler Project:Robbin Steel



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

Semi-Volatile Analysis Report for TCLP ExtractClient: Stearns & Wheeler

Client Job Site: Roblin Steel

Lab Project Number: 03-1771

Lab Sample Number: 6385

Client Job Number: 20143

Field Location: SLD- 7

Date Sampled: 07/03/2003

Field ID Number: N/A

Date Received: 07/07/2003

Sample Type: TCLP Extract

Date Analyzed: 07/08/2003

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	3,000
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

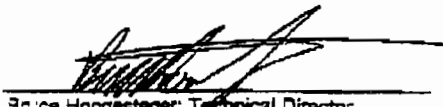
ELAP Number 10958

Method: EPA 8270C

Data File: 11644.D

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

Signature:


Bruce Hoogesteger: Technical Director

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Stearns & Wheeler**

Lab Project No.: 03-1771

Client Job Site: Roblin Steel

Sample Type: Soil

Client Job No.: 20143

Method: SW846 1010

Date(s) Sampled: 07/03/2003

Date Received: 07/07/2003

Date Analyzed: 07/09/2003

Laboratory Report for Flashpoint Analysis

Lab Sample No.	Field ID No.	Field Location	Flashpoint Results (°C)
6385	N/A	SLD-7	>70

ELAP ID No.: 10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director



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

LABORATORY REPORT OF ANALYSIS

Client: Stearns & Wheeler

Lab Project No.: 03-1771

Client Job Site: Roblin Steel

Lab Sample No.: 6385

Client Job No.: 20143

Sample Type: Sludge

Field Location: SLD-7

Date Sampled: 07/03/2003

Date Received: 07/07/2003

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Cyanide Reactivity	07/10/2003	SW846, 7.3	ND<1 Non Reactive
Sulfide Reactivity	07/10/2003	SW846, 7.3	20 Non Reactive

ELAP ID. No.: 10709

Comments:

ND denotes Non Detected.

Hazardous Waste Regulatory Levels for Reactivity are as follows:

Sulfide - 500 mg/kg, Cyanide - 250 mg/kg.

Approved By Technical Director:

A handwritten signature in black ink, appearing to read "Bruce Hoogesteger", is written over a horizontal line.

Bruce Hoogesteger

Appendix H

Transformer Oil Sample Analytical Test Results

Waste Stream Technology, Inc.

PCBs in Water

SW-846 8082

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-90
Units: µg/L
Matrix: Aqueous

WST ID: WT17628
Client ID: MCI030421B
Extraction Date: 04/21/03
Date Analyzed: 04/21/03

Compound	MQL	Result	QC Limits (%)	Qualifier
aroclor 1016	0.125	Not detected		U
aroclor 1221	0.125	Not detected		U
aroclor 1232	0.125	Not detected		U
aroclor 1242	0.125	Not detected		U
aroclor 1248	0.125	Not detected		U
aroclor 1254	0.125	Not detected		U
aroclor 1260	0.125	Not detected		U
Decachlorobiphenyl (%)		110	62-127	
Tetrachloro-m-xylene (%)		86	58-124	

Dilution Factor 2.5

01

WASTE STR 211
10/05/2005 12:29

Waste Stream Technology, Inc.
Wet Chemistry Analyses

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Matrix: Soil

WST ID: WT17627
Client ID: MCI030421A

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
pH in Solid	SW-846 9045C	NA	1.02	pH Units	04/21/03

According to the NYSDOH, pH analyses not performed within 15 minutes need to be reported as "over-aged".

Waste Stream Technology, Inc.
Wet Chemistry Analyses

Site: Roblin Steel Site
Date Sampled: 04/21/03
Date Received: 04/21/03

Group Number: 2031-907
Matrix: Aqueous

WST ID: WT17628
Client ID: MCI030421B

Analysis	Method Reference	Reporting Limit	Result	Units	Date Analyzed
Ignitability (flash point)	SW-846 1010	NA	>200	° F	04/21/03

> 200 = no flash detected at a temperature up to 200 degrees Fahrenheit.

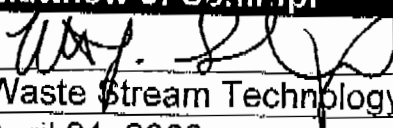
Green Environmental Specialists, Inc.

8335 Quarry Rd
Niagara Falls, New York 14304

Chain of Custody

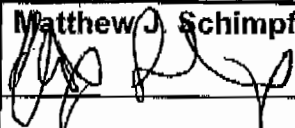
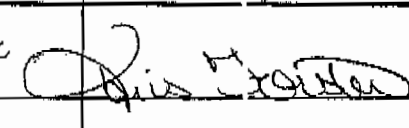
(716) 298-5297

2031-907

Sampler's Name:	Matthew J. Schimpf
Sampler's Signature:	
Facility Sent To:	Waste Stream Technology
Date Into Facility:	April 21, 2003

Site Name:	Roblin Steel Site
Site Address	Oliver St.
City/State/Zip	N. Tonawanda, NY 14120

Date	Time	Sample #	T	Sample Description	Parameters	Comments
4/21/03	09:45	MCI030421A	C	Tank WT17627	Methods: Total Lead TCPP Metals pH Cyanide/Sulfide	Quick Turnaround Time 280
4/21/03	10:00	MCI030421B	C	Transformer WT17628	PCB's Flash Point	

Relinquished By	Date	Time	Received By	Date	Time
Matthew J. Schimpf 	4/21/03	10:30		4/21/03	1025

- Reference Sample I.D. # for Invoicing
- Please include original Chain of Custody form with report package.
- Provide original reports A.S.A.P.

Appendix I

Waste Pile Sample Analytical Test Results



CHOPRA-LEE



1815 Love Road
Grand Island
New York 14072
Tel: (716) 773-7625
Fax: (716) 773-7624

Laboratory Analysis Report

Project: Soil Sample Analysis for Organics
Roblin Steel

Phase:

Sample Date: Tuesday, May 20, 2003

Report Date: Thursday, June 05, 2003

Report ID: NY305127.0.6801

PO #:

Reference #:

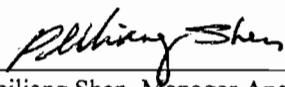
Report Status: **Final**

performed at the request of: Raj Chopra
CEM, Inc.

3385 Bailey Avenue
Buffalo, NY 14215

The enclosed sample results table(s) are for 1 sample(s) received by Chopra-Lee, Inc. on 05/21/2003 submitted by CEM, Inc.

Authorized Signature:


☒ Peiliang Shen, Manager Analytical Chemistry
☐ Paul S. Chopra, Laboratory Director

The results enclosed are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. These results pertain only to the items tested. Unless notified in writing to return the samples covered by this report Chopra-Lee, Inc. will store what remains of the samples for a period of 15 days before discarding, unless otherwise required by law.



ND = Less than Quantitation Limit (QL)
b = compound detected in blank
NYS DOH ELAP ID# 10954

Client: CEM, Inc.
Project: NY305127.0.6801
Report Status: Final
Page: 1 of 7

Sample Results

Sample ID: 17631

Client: CEM, Inc.

Lab Sample #: 26046

Report ID: NY305127.0.6801

Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Heavy Metals using Atomic Spectroscopy					
RCRA 8 Heavy Metals - TCLP / EPA 1311 / SW 846 7000's/6010	Arsenic	0.13	ND	mg/L	05/23/2003
	Barium	0.050	0.244	mg/L	05/23/2003
	Cadmium	0.025	0.0339	mg/L	05/23/2003
	Chromium	0.050	ND	mg/L	05/23/2003
	Lead	0.075	ND	mg/L	05/23/2003
	Mercury	0.00020	ND	mg/L	05/22/2003
	Selenium	0.13	ND	mg/L	05/23/2003
	Silver	0.050	ND	mg/L	05/23/2003
Polychlorinated Biphenyl's					
Polychlorinate Biphenyls (PCB's) / SW 846 8082	Aroclor - 1016	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1221	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1232	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1242	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1248	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1254	0.010	ND	mg/kg	05/22/2003
	Aroclor - 1260	0.010	ND	mg/kg	05/22/2003
Pesticides					
Herbicide - TCLP / EPA 1311 / SW 846 8081/8541	2,4,5-TP (Silvex)	0.50	ND	mg/L	06/03/2003
	2,4-D	0.50	ND	mg/L	06/03/2003
Pesticides / EPA 1311 / SW 846 8082	Chlordane - total	0.020	ND	mg/L	06/03/2003
	Endrin	0.010	ND	mg/L	06/03/2003
	gamma BHC (Lindane)	0.010	ND	mg/L	06/03/2003
	Heptachlor	0.0050	ND	mg/L	06/03/2003
	Heptachlor epoxide	0.0050	ND	mg/L	06/03/2003
	Methoxychlor	0.050	ND	mg/L	06/03/2003
	Toxaphene	0.40	ND	mg/L	06/03/2003



ND = Less than Quantitation Limit (QL)

b = compound detected in blank

NYS DOH ELAP ID# 10954

Client: CEM, Inc.

Project: NY305127.0.6801

Report Status: Final

Page: 2 of 7

Sample Results

Sample ID: 17631

Client: CEM, Inc.

Lab Sample #: 26046

Report ID: NY305127.0.6801

Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Semivolatile Organic Compounds					
Semivolatile - TCLP / EPA 1311 / SW 846 8270	1,2,4-Trichlorobenzene	15	ND	ug/L	05/30/2003
	1,2-Dichlorobenzene	15	ND	ug/L	05/30/2003
	1,2-Diphenylhydrazine (azobenzene)	15	ND	ug/L	05/30/2003
	1,3-Dichlorobenzene	15	ND	ug/L	05/30/2003
	1,4-Dichlorobenzene	15	ND	ug/L	05/30/2003
	2,2'-Oxybis(1-chloropropane)	15	ND	ug/L	05/30/2003
	2,4,5-Trichlorophenol	15	ND	ug/L	05/30/2003
	2,4,6-Trichlorophenol	15	ND	ug/L	05/30/2003
	2,4-Dichlorophenol	15	ND	ug/L	05/30/2003
	2,4-Dimethylphenol	15	ND	ug/L	05/30/2003
	2,4-Dinitrophenol	15	ND	ug/L	05/30/2003
	2,4-Dinitrotoluene	15	ND	ug/L	05/30/2003
	2,6-Dinitrotoluene	15	ND	ug/L	05/30/2003
	2-Chloronaphthalene	15	ND	ug/L	05/30/2003
	2-Chlorophenol	15	ND	ug/L	05/30/2003
	2-Methylnaphthalene	15	ND	ug/L	05/30/2003
	2-Methylphenol	15	ND	ug/L	05/30/2003
	2-Nitroaniline	15	ND	ug/L	05/30/2003
	2-Nitrophenol	15	ND	ug/L	05/30/2003
	3,3'-Dichlorobenzidine	15	ND	ug/L	05/30/2003
	3-Nitroaniline	15	ND	ug/L	05/30/2003
	4,6-Dinitro-2-methyl phenol	15	ND	ug/L	05/30/2003
	4-Bromophenyl phenyl ether	15	ND	ug/L	05/30/2003
	4-Chloro-3-methylphenol	15	ND	ug/L	05/30/2003
	4-Chloroaniline	15	ND	ug/L	05/30/2003
	4-Chlorophenyl phenyl ether	15	ND	ug/L	05/30/2003
	4-Nitroaniline	15	ND	ug/L	05/30/2003
	4-Nitrophenol	15	ND	ug/L	05/30/2003
	Acenaphthene	15	ND	ug/L	05/30/2003
	Acenaphthylene	15	ND	ug/L	05/30/2003
	Aniline	15	ND	ug/L	05/30/2003
	Anthracene	15	ND	ug/L	05/30/2003
	Benzidine	15	ND	ug/L	05/30/2003

ND = Less than Quantitation Limit (QL)

b = compound detected in blank

NYS DOH ELAP ID# 10954

Client: CEM, Inc.

Project: NY305127.0.6801

Report Status: Final

Page: 3 of 7



Sample Results

Sample ID: 17631

Client: CEM, Inc.

Lab Sample #: 26046

Report ID: NY305127.0.6801

Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Semivolatile - TCLP / EPA 1311 / SW 846 8270	Benzo(a)anthracene	15	ND	ug/L	05/30/2003
	Benzo(a)pyrene	15	ND	ug/L	05/30/2003
	Benzo(b)fluoranthene	15	ND	ug/L	05/30/2003
	Benzo(g,h,i)perylene	15	ND	ug/L	05/30/2003
	Benzo(k)fluoranthene	15	ND	ug/L	05/30/2003
	Benzoic acid	15	ND	ug/L	05/30/2003
	Benzyl alcohol	15	ND	ug/L	05/30/2003
	Bis (2-chloroethoxy) methane	15	ND	ug/L	05/30/2003
	Bis (2-chloroethyl) ether	15	ND	ug/L	05/30/2003
	Bis (2-ethylhexyl) phthalate	15	ND	ug/L	05/30/2003
	Butyl benzyl phthalate	15	ND	ug/L	05/30/2003
	Carbazole	15	ND	ug/L	05/30/2003
	Chrysene	15	ND	ug/L	05/30/2003
	Dibenzo(a,h)anthracene	15	ND	ug/L	05/30/2003
	Diebenzofuran	15	ND	ug/L	05/30/2003
	Diethyl phthalate	15	ND	ug/L	05/30/2003
	Dimethyl phthalate	15	ND	ug/L	05/30/2003
	Di-n-butyl phthalate	15	ND	ug/L	05/30/2003
	Di-n-octyl phthalate	15	ND	ug/L	05/30/2003
	Fluoranthene	15	ND	ug/L	05/30/2003
	Fluorene	15	ND	ug/L	05/30/2003
	Hexachlorobenzene	15	ND	ug/L	05/30/2003
	Hexachlorobutadiene	15	ND	ug/L	05/30/2003
	Hexachlorocyclopentadiene	15	ND	ug/L	05/30/2003
	Hexachloroethane	15	ND	ug/L	05/30/2003
	Indeno(1,2,3-cd)pyrene	15	ND	ug/L	05/30/2003
	Isophorone	15	ND	ug/L	05/30/2003
	Naphthalene	15	ND	ug/L	05/30/2003
	Nitrobenzene	15	ND	ug/L	05/30/2003
	N-Nitrosodimethylamine	15	ND	ug/L	05/30/2003
	N-Nitroso-di-n-propylamine	15	ND	ug/L	05/30/2003
	N-Nitrosodiphenylamine	15	ND	ug/L	05/30/2003
	p-Cresol (4-Methylphenol)	15	ND	ug/L	05/30/2003
	Pentachlorophenol	15	ND	ug/L	05/30/2003
	Phenanthrene	15	ND	ug/L	05/30/2003

ND = Less than Quantitation Limit (QL)

b = compound detected in blank

NYS DOH ELAP ID# 10954

Client: CEM, Inc.

Project: NY305127.0.6801

Report Status: Final

Page: 4 of 7



Sample Results

Sample ID: 17631

Client: CEM, Inc.

Lab Sample #: 26046

Report ID: NY305127.0.6801

Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Semivolatile - TCLP / EPA 1311 / SW 846 8270	Phenol	15	ND	ug/L	05/30/2003
	Pyrene	15	ND	ug/L	05/30/2003
	Pyridine	15	ND	ug/L	05/30/2003



ND = Less than Quantitation Limit (QL)
b = compound detected in blank
NYS DOH ELAP ID# 10954

Client: CEM, Inc.
Project: NY305127.0.6801
Report Status: Final
Page: 5 of 7

Sample Results

Sample ID: 17631

Client: CEM, Inc.

Lab Sample #: 26046

Report ID: NY305127.0.6801

Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Volatile Organic Compounds					
Volatile - TCLP / EPA 1311 / SW 846 8260	1,1,1-Trichloroethane	10	ND	ug/L	05/29/2003
	1,1,2,2-Tetrachloroethane	10	ND	ug/L	05/29/2003
	1,1,2-Trichloroethane	10	ND	ug/L	05/29/2003
	1,1-Dichloroethane	10	ND	ug/L	05/29/2003
	1,1-Dichloroethene	10	ND	ug/L	05/29/2003
	1,1-Dichloropropene	10	ND	ug/L	05/29/2003
	1,2,3-Trichlorobenzene	10	ND	ug/L	05/29/2003
	1,2,3-Trichloropropane	10	ND	ug/L	05/29/2003
	1,2,4-Trichlorobenzene	10	ND	ug/L	05/29/2003
	1,2,4-Trimethylbenzene	10	ND	ug/L	05/29/2003
	1,2-Dibromo-3-Chloropropane	10	ND	ug/L	05/29/2003
	1,2-Dibromoethane	10	ND	ug/L	05/29/2003
	1,2-Dichlorobenzene	10	ND	ug/L	05/29/2003
	1,2-Dichloroethane	10	ND	ug/L	05/29/2003
	1,2-Dichloropropane	10	ND	ug/L	05/29/2003
	1,3,5-Trimethylbenzene	10	ND	ug/L	05/29/2003
	1,3-Dichlorobenzene	10	ND	ug/L	05/29/2003
	1,3-Dichloropropane	10	ND	ug/L	05/29/2003
	1,4-Dichlorobenzene	10	ND	ug/L	05/29/2003
	2,2-Dichloropropane	10	ND	ug/L	05/29/2003
	2-Chlorotoluene	10	ND	ug/L	05/29/2003
	4-Chlorotoluene	10	ND	ug/L	05/29/2003
	Benzene	10	ND	ug/L	05/29/2003
	Bromobenzene	10	ND	ug/L	05/29/2003
	Bromodichloromethane	10	ND	ug/L	05/29/2003
	Bromoform	10	ND	ug/L	05/29/2003
	Bromomethane	10	ND	ug/L	05/29/2003
	Carbon tetrachloride	10	ND	ug/L	05/29/2003
	Chlorobenzene	10	ND	ug/L	05/29/2003
	Chlorodibromomethane	10	ND	ug/L	05/29/2003
	Chloroethane	10	ND	ug/L	05/29/2003
	Chloroform	10	ND	ug/L	05/29/2003
	Chloromethane	10	ND	ug/L	05/29/2003



ND = Less than Quantitation Limit (QL)

b = compound detected in blank

NYS DOH ELAP ID# 10954

Client: CEM, Inc.

Project: NY305127.0.6801

Report Status: Final

Page: 6 of 7

Sample Results

Sample ID: 17631 Client: CEM, Inc.
 Lab Sample #: 26046 Report ID: NY305127.0.6801
 Location: Dirt piles 1-6 / Lab Composite - Soil

Parameters / Method	Analyte	Quantitation Limit (QL)	Sample Results	Units	Analysis Date
Volatile - TCLP / EPA 1311 / SW 846 8260	cis-1,2-Dichloroethene	10	ND	ug/L	05/29/2003
	cis-1,3-Dichloropropene	10	ND	ug/L	05/29/2003
	Dibromomethane	10	ND	ug/L	05/29/2003
	Dichlorodifluoromethane	10	ND	ug/L	05/29/2003
	Ethylbenzene	10	ND	ug/L	05/29/2003
	Hexachlorobutadiene	10	ND	ug/L	05/29/2003
	Isopropylbenzene	10	ND	ug/L	05/29/2003
	m,p-Xylene	10	ND	ug/L	05/29/2003
	Methylene chloride	10	ND	ug/L	05/29/2003
	Naphthalene	10	ND	ug/L	05/29/2003
	n-Butylbenzene	10	ND	ug/L	05/29/2003
	n-Propylbenzene	10	ND	ug/L	05/29/2003
	o-Xylene	10	ND	ug/L	05/29/2003
	p-Isopropyltoluene	10	ND	ug/L	05/29/2003
	sec-Butylbenzene	10	ND	ug/L	05/29/2003
	Styrene	10	ND	ug/L	05/29/2003
	tert-Butylbenzene	10	ND	ug/L	05/29/2003
	Tetrachloroethene	10	ND	ug/L	05/29/2003
	Toluene	10	ND	ug/L	05/29/2003
	trans-1,2-Dichloroethene	10	ND	ug/L	05/29/2003
	trans-1,3-Dichloropropene	10	ND	ug/L	05/29/2003
	Trichloroethene	10	ND	ug/L	05/29/2003
	Trichlorofluoromethane	10	ND	ug/L	05/29/2003
	Vinyl chloride	10	ND	ug/L	05/29/2003

Wet Chemistry Procedures

Corrosivity / pH / SW 846 1110	pH	-	7.60	pH	05/21/2003
Flashpoint / ASTM D93-00	Flashpoint	-	>100	C	05/28/2003
Reactivity / SW 846 ch. 7 / 7.3	Cyanides, as CN-	0.25	ND	mg/kg	05/29/2003
	Sulfide	2.5	ND	mg/kg	05/29/2003

end of sample 26046



ND = Less than Quantitation Limit (QL)
 b = compound detected in blank
 NYS DOH ELAP ID# 10954

Client: CEM, Inc.
 Project: NY305127.0.6801
 Report Status: Final
 Page: 7 of 7

Appendix J

Confirmatory Soil Sample Analytical Test Results



Certificate of Analysis

CLIENT INFORMATION

Attention: Rich Marasciulo
Client Name: Cambria Cont
Project: 20143
Project Desc: Roblin Steel

Address: 5105 Lockport Rd.
Lockport, NY
14094

Fax Number: 693-2916
Phone Number: 531-5558

LABORATORY INFORMATION

Contact: Mike Challis, B.Sc, C.Chem.
Project: AN041465
Date Received: 17-Sep-2004
Date Reported: 22-Sep-2004

Submission No.: 411032
Sample No.: 062727-062729

NOTES:

"-" = not analysed "<" = less than Method Detection Limit (MDL) "NA" = no data available
LOQ can be determined for all analytes by multiplying the appropriate MDL X 3.33
Solid data is based on dry weight except for biotox analyses.
Organic analyses are not corrected for extraction recovery standards except for isotope
dilution methods, (i.e. CARB 429 PAH, all PCDD/F and DBD/DBF analyses)
The enclosed copy of the Chain of Custody Record may contain information necessary for the
interpretation of the data.

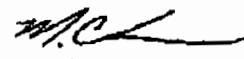
Methods used by PSC Analytical Services are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', Twentieth Edition. Other methods are based on the principles of MISA or EPA methodologies.
New York State: ELAP Identification Number 10756.

All work recorded herein has been done in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Any and all use of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at PSC Analytical Services for a period of three weeks from receipt of data or as per contract.

COMMENTS:

- (1) Surrogate Recovery Outside Acceptable Limits - Decachlorobiphenyl
- (2) 1268 Martix Spike Outside of SOP QC Limits

Sample MS & MSD fail historical limits for the recovery of surrogate Decachlorobiphenyl and Aroclor 1268. This is due to the high contribution of these common congeners by Aroclor 1262 which was found to be present in the samples.

Certified by: 

Page 1 of 4

9/22/04

PASC - Certificate of Analysis

Page 2 of 4

SEP-22-2004 16:07

ANALYTICAL SERVICES

1 905 332 1511 P.02

Component	Client ID: Lab No.:	Date Sampled:	MDL	Units	Sample #1 062728 04 16-Sep-2004	Sample #1 062728 04 16-Sep-2004	Sample #1 062728 04 16-Sep-2004	Sample #1 062728 04 16-Sep-2004	Sample #1 062728 04 16-Sep-2004	Sample #1 062728 04 16-Sep-2004
					M. Spike	MS % Rec.	MS Dup	MSD % Rec.		
Atroclor-1016	0.038			ug/gm	NS	-	NS	-	<	
Atroclor-1221	0.041			"	0.21	58	0.15	41	<	
Atroclor-1232	0.038			"	NS	-	NS	-	<	
Atroclor-1242	0.050			"	NS	-	NS	-	<	
Atroclor-1248	0.031			"	0.28	78	0.32	86	<	
Atroclor-1254	0.059			"	NS	-	NS	-	<	
Atroclor-1260	0.031			"	NS	-	NS	-	<	
Atroclor-1262	0.031			"	NS	-	NS	-	<	
Atroclor-1268	0.049			"	0.50	140	0.61	170	<	2.4
Total PCB	0.059			"	1.00	92	1.1	98	<	2.4
Surrogate Recoveries				%						
4,4'-Dibromooctabiphenyl					87	94	95	95	76	
Decachlorobiphenyl					118	147	152	152	90	

PSC Submission No: 411032

Client: Cambria Cont Project: 20143

PASC - Certificate of Analysis

9/22/04

Client ID:
Lab No.:
Date Sampled:
MDL

Method Blank 062727 04 16-Sep-2004

Units

MDL

Component	MDL	Units	Method Blank	Blank Spike	% Recovery
Aroclor-1016	0.038	ug/gm	<	(1)	<
Aroclor-1221	0.041	"	<	0.49	120
Aroclor-1232	0.038	"	<	<	<
Aroclor-1242	0.050	"	<	<	<
Aroclor-1248	0.031	"	<	0.41	100
Aroclor-1254	0.059	"	<	<	<
Aroclor-1260	0.031	"	<	<	<
Aroclor-1262	0.031	"	<	<	<
Aroclor-1268	0.049	"	<	0.52	130
Total PCB	0.059	"	<	1.4	120

Surrogate Recoveries
4,4'-Dibromodichlorobiphenyl
Decachlorobiphenyl

89	92	92
110	152	152

PSC Submission No: 411032

Client: Cambria Cont Project: 20143

9/22/04

PASC - Summary of Analysis Pre. Dates

Page MS-4 of 4

Batch Code:	0920MGU1
Aroclor-1016	062727 04
	062728 04
	062729 04
Date Analysed:	04/09/20
Date Prepared:	04/09/20

PSC Submission No: 411032

Client: Cambria Cont Project: 20143

TOTAL P.04

Appendix K

Asbestos Sample Analytical Test Results

FROM : STEARNS+WHEELER

04/28/2003 13:14

7162834417

PHONE NO. : 7166928455 +

MARK CERRONE 240

Apr. 28 2003 03:06PM P2

1 Hrs 02

APR-28-03 11:57 FROM:CEM INC.

ID:7180345691

PAGE 2/3



April 23, 2003

Mr. Mark Cerrone
Mark Cerrone, Inc.
1100 Connecting Road
Niagara Falls, NY 14304

RE: Bulk Sample Analysis- Robin Steel

Dear Mr. Cerrone:

CEM, Inc. performed a survey of the above referenced site on April 22, 2003 and collected a total of Three (3) samples for asbestos analysis. The samples were analyzed by Polarised Light Microscopy (PLM) and revealed asbestos in Two (2) of the Three (3) samples analyzed.

The following is a list of our findings:

North Brick piles- Black guibestos siding- 35%

North Brick piles- Black guibestos siding- 20%

Enclosed please find laboratory analytical results and chain of custody documentation.

The enclosed laboratory results are submitted pursuant to C.E.M., Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

Should you have any questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather R. Perry". The signature is written in a cursive, flowing style. Below the signature, the name "Heather R. Perry" and the title "Assistant Laboratory Manager" are printed in a standard font.

Heather R. Perry
Assistant Laboratory Manager

PLM BULK ASBESTOS REPORT

Client: **Stearns & Wheeler**
 Location: Roblin Steel
 20143
 Sample Date: 07/03/2003

Job No: 6280-03
 Page: 1 of 1

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
1	44303	Roblin Steel	Black Fibrous Roofing	Inconclusive No Asbestos Detected	0%	*	Cellulose 25% Fiberglass 30%	45%

NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

*** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

Date Analyzed: 07/08/2003
 Microscope: Olympus BH-2 #232953
 Analyst: Mary Dohr

Laboratory Results Approved By:
 Asbestos Technical Director


 Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM BULK ASBESTOS REPORT

Job No: 6363-03
Page: 1 of 1

Sample Date: 7/8/2003

[illegible]

NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

Date Analyzed: 7/8/2003
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

6363 DB

REPORT TO		INVOICE TO	
COMPANY: Stearns & Wheeler, LLC	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: 415 North French Road, Suite 100	ADDRESS:		
CITY: Amherst NY	STATE: NY	ZIP: 14228	TURNAROUND TIME (WORKING DAYS):
PHONE: (716) 691-8503	FAX: (716) 691-8506		
ATTN: Dave Rowlinson	ATTN:		
COMMENTS: SH070703A	62 62 62 62 62		

PROJECT NAME/SITE NAME:
Robin Steel

DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 7/8/03	7:50A	1.50	X	Galbestos Sidng				44810
2								
3								
4								
5								
6								
7								
8								
9								
10								

****LAB USE ONLY**** H 36

SAMPLE CONDITION: Check box if acceptable or note deviation: 0 64	CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:
---	-----------------	----------------	---------------	--------------

Sampled By: JOHN HOFFMAN	Date/Time: 7/08/03 7:50A	Relinquished By:	Date/Time:	Total Cost:
Relinquished By: [Signature]	Date/Time: 7/8/03 4:00 PM	Received By:	Date/Time:	
Received By: [Signature]	Date/Time:	Received @ Lab By: [Signature]	Date/Time: 7/8/03	P.I.F.

Stearns & Wheler, LLC

Environmental Engineers and Scientists

University Centre
415 North French Road
Suite 100
Amherst, NY 14228

tel. (716) 691-8503
fax. (716) 691-8506
web. www.stearnswheler.com

May 6, 2003

Mr. George Churakos
Project Manager
Mark Cerrone, Inc.
8467 West Rivershore Drive
Niagara Falls, New York 14304

Re: City of North Tonawanda, New York
Roblin Steel Site – Phase I

Dear Mr. Churakos:

In regard to the May 5, 2003 project meeting discussions, I would like to confirm the asbestos sampling, testing, and disposal decisions that have been made concerning the wood frame structures located in the southeast corner of the site. Analytical test results of sampling conducted on materials from these two buildings are attached. These buildings will be identified as the gate house (Building H) that is closest to the access gate and the storage shed (Building G), which is located south of Building H.

- Building H is confirmed to contain asbestos and is required to be demolished, removed, and disposed off-site as ACM waste.
- Building G is confirmed to not contain asbestos and is required to be demolished, removed, and disposed off-site as C&D waste.

The third wood frame structure is identified as the garage (Building F), which is located in the same area as the first two buildings. Building F has not been included in the Phase I contract since it is serving a purpose of providing shelter for Phase I drum staging. Once the drums have been sampled and disposed off-site, this building is required to be demolished, removed, and disposed off-site as C&D waste. The attached asbestos survey conducted on May 30, 2000 concludes that Building F does not contain asbestos.



Mr. George Churakos
Mark Cerrone, Inc.

May 6, 2003
Page 2

Pricing for the drum sampling and disposal of wastes has been requested. This additional work will need to be approved prior to any demolition work on Building F.

If you have any questions, please contact our office.

Sincerely,

STEARNS & WHEELER, LLC



David Rowlinson
Project Manager

Attachment

DR/tld

pc: Mr. Dale Marshall - City of North Tonawanda
Mr. Mark Cerrone - Mark Cerrone, Inc.
Ms. Robyn Cierniak - Stearns & Wheeler, LLC
Ms. Muffett Mauche George, P.E. - Foit-Albert Associates





June 13, 2000

Mr. Henry Wostaszek
City of North Tonawanda
Department of Engineering
City Hall 216 Payne Avenue
North Tonawanda, New York 14120-5493

COPY

RE: Pre-Demolition Asbestos Survey
Roblin Steel

Dear Mr. Wostaszek:

Enclosed please find the results from the asbestos survey performed at the above referenced site on May 30, 2000. CEM, Inc. surveyed the property and collected nine (9) samples for asbestos analysis from the building on this lot.

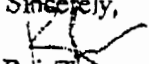
The following materials contain asbestos:

Building A: 570 linear feet- Pipe Insulation
Building B: 1570 linear feet- Pipe Insulation
Building C: 1980 square feet- Galbestos inside
Building C: 5860 square feet Galbestos outside
Building D: 300 linear feet- Pipe Insulation
Building E: 1600 square feet- Roofing
Building F: No Asbestos
Building G: No Asbestos
Building H: 20 square feet- Insulation Board

These laboratory results are submitted pursuant to CEM, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

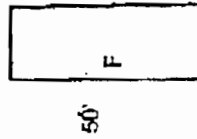
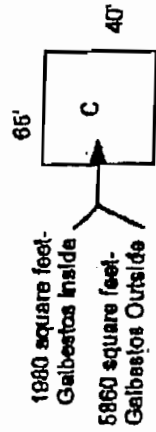
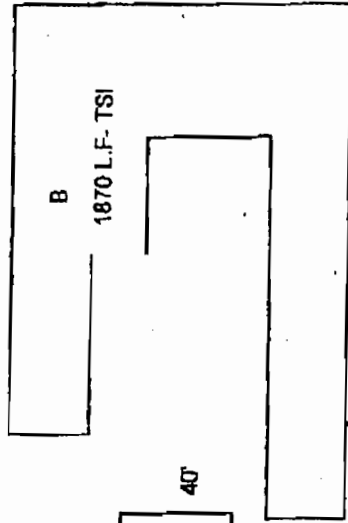
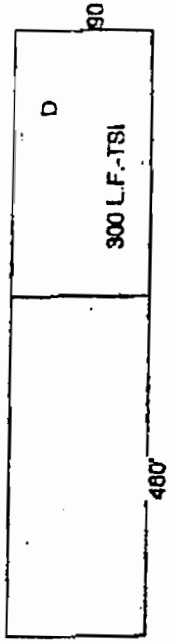
Should you have any questions, please do not hesitate to contact us.

Sincerely,

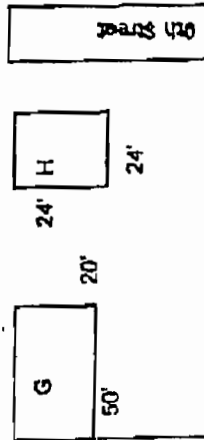
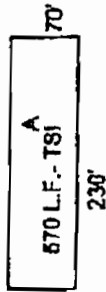
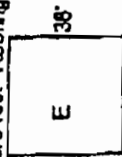

Raj Chopra
Inspector
Enc.

po box 709 buffalo ny 14213 716.883.5762

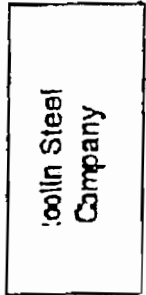
110



1600 square feet- Roofing



Oliver Street



East Avenue

Analytic Type: Bulk Autotest Analysis by Polarized Light Microscopy

Approved Signature

□ Paul S. Chang, Laboratory Director

Analytic Results Table

Client Sample	CUJ Sample #	Storage Location / Description	Anterior Content	Analysed Character	Analysed - Date
		Bay/Segment / Description (if)		Non-Adhesive Content	
The following 2 sample(s) were submitted by CHM, Inc on 4/29/2003 and analysed in accordance with PLM - ELAP Method 198.1					
1	453846	Gable house Gray laminate roof	15% Clay particle	85% Non-Fibrous Material	LOIS 4/30/03
85% adhesive in composite samples					
2	533847	Storage shed Black roofing & felt paper	Non-Adhesive Deconstructed PLM	50% Cellulose 1% Fiberglass 49% Non-Fibrous Material	LOIS 4/30/03
100% Black Fiberglass					
No material detected in sample - NOT Material					

A detailed listing is recommended for any material which contains $\leq 1\%$ antiseptic or KOB (non-biodegradable) surfactants which are negative or $\leq 1\%$ asbestos. Analyzed by Potluri and Elger.

[illegible]

1815 Love Road

Grand Island, NY 14072

716-773-7625 FAX 716-773-7624

NYE DOH HLP Lab # 10051

Page	1 of 1	4/20/2018	10:11:00	10:11:00
1	1	1	1	1

Laboratory Report

Client: CEM Inc
 3385 Bailey Avenue
 Buffalo, NY 14215

Attention: Evan Harnden
Project Ref # 0304315
Purchase Order #
Project: Bulk Sample Analysis for Asbestos
 Roblin Steel

Laboratory Project # NY305051
Project Manager: Paul S. Chopra, Laboratory Director
Start Date: 5/7/2003
Report Date: 5/21/2003
Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Authorized Signature _____
☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Material Description(s)	Asbestos Content	Analyst Comment	Non-Asbestos Content	Analyst - Date
The following 4 sample(s) were submitted by CEM, Inc. on 5/20/2003 and analyzed in accordance with PLM - ELAP Method 198.1							
1	556130	Electrical Building	White window caulk	No Asbestos Detected using PLM	1% Cellulose	99% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
2	556131	Electrical Building	Gray door caulk	No Asbestos Detected using PLM	2% Cellulose	98% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
3	556132	Electrical Building	Black roofing	No Asbestos Detected using PLM	20% Cellulose	80% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
4	556133	Short chimney	White fire brick	No Asbestos Detected using PLM	100% Non-Fibrous Material	70% Non-Fibrous Material	LGB 5/20/2003
7.5% asbestos in composite sample							



1815 Love Road
 Grand Island, NY 14072
 716-773-7625 FAX 716-773-7624
 NYS DOH ELAP Lab # 10954

Laboratory Report

Client: CEM Inc
3385 Bailey Avenue
Buffalo, NY 14215

Laboratory Project # NY305051

Project Manager: Paul S. Chopra, Laboratory Director
Start Date: 5/7/2003

Attention: Evan Harnden
Project Ref # 0304315

Report Date: 5/21/2003

Purchase Order #

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Project: Bulk Sample Analysis for Asbestos

Roblin Steel

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description Material Description(s)	Asbestos Content	Analyst Comment Non-Asbestos Content	Analyst - Date
The following 4 sample(s) were submitted by CEM, Inc. on 5/20/2003 and analyzed in accordance with PLM - ELAP Method 198.1					
1	556130	Electrical Building White window caulk 100% Gray solid	No Asbestos Detected using PLM	1% Cellulose 99% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material					
2	556131	Electrical Building Gray door caulk 100% Red/gray solid	No Asbestos Detected using PLM	2% Cellulose 98% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material					
3	556132	Electrical Building Black roofing 100% Black solid	No Asbestos Detected using PLM	20% Cellulose 80% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material					
4	556133	Short chimney White fire brick 75% Gray solid/brick 25% Brown fibrous	No Asbestos Detected using PLM 30% Anisotropy	100% Non-Fibrous Material 70% Non-Fibrous Material	LGB 5/20/2003
7.5% asbestos in composite sample					



1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYS DOH ELAP Lab # 10954

Laboratory Report

Laboratory Project # NY304160
Project Manager: Paul S. Chopra, Laboratory Director
Start Date: 4/29/2003
Report Date: 4/30/2003
Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Collect Sample	CLT Sample #	Sample Location / Description	Asbestos Content	Analysis Comment	Analysis Date
----------------	--------------	-------------------------------	------------------	------------------	---------------

The following 2 sample(s) were submitted by CEM, Inc. on 4/29/2003 and analyzed in accordance with PLM - ELAP Method 198.1

1	553846	Gate house Gray granite roof	15% Chrysotile	85% Non-Fibrous Material	LOS 4/30/2003
15% asbestos in composite sample					
2	553847	Storage shed Black roofing & felt paper	100% Black Fibrous Material	60% Cellulose 3% Fiberglass 37% Non-Fibrous Material	LOS 4/30/2003
No asbestos detected in sample - NOF Material					

Additional testing is recommended for any material which contains <1% asbestos or ROX (non-fibrous organically bound) bulk materials which are negative or <1% asbestos. Analysis by Polarized Light Microscopy (PLM) has a degree of uncertainty that is dependent on the sample matrix, non-asbestos minerals present, size of the asbestos present, the sample homogeneity and analyst variability. PLM coefficients of variance range from approx. 1% to 0.1% at high fiber concentrations. All PLM analysis must be viewed with these factors taken into consideration. These results are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the results or recommendations are used or interpreted. These results are valid only to the extent stated. Any reproduction of this document must include the entire document in order for the report to be valid. Certification by NIOSH through NRELAP or New York State through ELAP does not constitute government endorsement of this testing facility. Unless notified in writing to return the samples covered by this report, Chopra-Lee, Inc. will store them for a period of 18 months before discarding.



1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYSDOH ELAP Lab # 10954

Page 2 of 1
Report Date 4/30/2003
Laboratory NYSDOH
Client CEM Inc

Laboratory Report

Client:
CEM, Inc
3385 Bailey Avenue
Buffalo, NY 14215

Laboratory Project # NY305051

Project Manager: Paul S. Chopra, Laboratory Director

Start Date: 5/7/2003

Attention: Evan Hamden

Report Date: 5/8/2003

Project Ref #

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Purchase Order #

Project: Bulk Sample Analysis for Asbestos

Roblin Steel

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Material Description(s)	Asbestos Content	Analyst Comment Non-Asbestos Content	Analyst - Date
The following 11 sample(s) were submitted by CEM, Inc on 5/7/2003 and analyzed in accordance with PLM - ELAP Method 198.1						
1	554426	Next to chimney	Brown/white mortar	8% Chrysotile	2% Cellulose 90% Non-Fibrous Material	LGB 5/7/2003
8.0% asbestos in composite sample						
2	554427	Chimney stack	Brown/white mortar	15% Chrysotile	85% Non-Fibrous Material	LGB 5/7/2003
15% asbestos in composite sample						
3	554428	Next to bathroom	Black roofing	No Asbestos Detected using PLM	25% Fiberglass 75% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample - NOB Material						
4	554429	Bathroom wall	Black/gray board	No Asbestos Detected using PLM	100% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample						
5	554430	Oven	White brick	No Asbestos Detected using PLM	40% Mineral Wool 60% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample						



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NYS DOH ELAP Lab # 10954

Page # 1 of 2
Report Date: 5/8/2003
Laboratory # NY305051
Client: CEM, Inc

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Asbestos Content	Analyst Comment	Analyst - Date
	554431	Oven Reddish mortar	No Asbestos Detected using PLM	2% Mineral Wool 98% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554432	Oven Brown brick	No Asbestos Detected using PLM	1% Mineral Wool 99% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554433	Oven Lt brown mortar	No Asbestos Detected using PLM	1% Cellulose 99% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554434	Oven Black roofing	10% Chrysotile	5% Cellulose 80% Non-Fibrous Material	LGB 5/7/2003
10% asbestos in composite sample - NOB Material					
	554435	By chimney Gray board	No Asbestos Detected using PLM	100% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554436	Window frame/building Gray/white caulk	No Asbestos Detected using PLM	100% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					

Additional testing is recommended for any material which contains <1% asbestos or NOB (non-friable organically bound) bulk materials which are negative or <1% asbestos. Analyses by Polarized Light Microscopy (PLM) has a degree of uncertainty that is dependent on the sample matrix, non-asbestos minerals present, size of the asbestos present, the sample homogeneity and analyst variability. PLM coefficients of variability range from approx. 1.8, at the quantitation limit of 1%, to 0.1 at high fiber concentrations. All PLM analyses must be reviewed with these factors taken into consideration. These results are submitted pursuant to Chopta-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results or recommendations are used or interpreted. These results pertain only to the items tested. Any reproduction of this document must include the entire document in order for the report to be valid. Certification by NIST through NYELAP or New York State through ELAP does not constitute government endorsement of this testing facility. Unless notified in writing to return the samples covered by this report, Chopta-Lee, Inc. will store what remains of the samples for a period of 18 months before discarding.



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NYS DOHEELAP Lab # 10934

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Stearns & Wheeler**

Lab Project No.: 03-1904

Client Job Site: Roblin Steel

Lab Sample No.: 6748

Client Job No.: N/A

Sample Type: TCLP Extract

Field Location: Debris Pile (Brick/Asbestos pile)

Date Sampled: 07/16/2003

Field ID No.: N/A

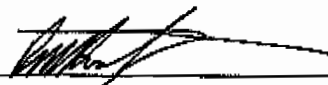
Date Received: 07/16/2003

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/18/2003	EPA 6010	<0.100	5.0
Barium	07/18/2003	EPA 6010	0.762	100.0
Cadmium	07/18/2003	EPA 6010	<0.025	1.0
Chromium	07/18/2003	EPA 6010	<0.050	5.0
Lead	07/18/2003	EPA 6010	0.112	5.0
Mercury	07/21/2003	EPA 7470	<0.0020	0.2
Selenium	07/18/2003	EPA 6010	<0.100	1.0
Silver	07/18/2003	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director



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

Semi-Volatile Analysis Report for TCLP ExtractClient: **Stearns & Wheeler**

Client Job Site: Roblin Steel

Lab Project Number: 03-1804

Lab Sample Number: 6748

Client Job Number: N/A

Field Location: Debris Pile

Date Sampled: 07/16/2003

Field ID Number: N/A

Date Received: 07/16/2003

Sample Type: TCLP Extract

Date Analyzed: 07/17/2003

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	3,000
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

ELAP Number 10958

Method: EPA 8270C

Data File: 11741.D

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

Signature:

Bruce Hoogsteger, Technical Director

Appendix L

Fence Lead Sample Analytical Test Results

FROM : STEARNS+WHEELER

04/28/2003 13:14 7162834417

PHONE NO. : 7166928455 +
MARK CERRONE

Apr. 28 2003 03:06PM P2

APR-28-03 11:57 FROM:CEM INC.

ID:7168345691

PAGE 2/3



April 23, 2003

Mr. Mark Cerrone
Mark Cerrone, Inc.
1100 Connecting Road
Niagara Falls, NY 14304

RE: Bulk Sample Analysis- Robin Steel

Dear Mr. Cerrone:

CEM, Inc. performed a survey of the above referenced site on April 22, 2003 and collected a total of Three (3) samples for asbestos analysis. The samples were analyzed by Polarised Light Microscopy (PLM) and revealed asbestos in Two (2) of the Three (3) samples analyzed.

The following is a list of our findings:

North Brick piles- Black guibestos siding- 35%
North Brick piles- Black guibestos siding- 20%

Enclosed please find laboratory analytical results and chain of custody documentation.

The enclosed laboratory results are submitted pursuant to C.E.M., Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

Should you have any questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Heather R. Perry". The signature is fluid and cursive, with the first name being the most prominent.
Heather R. Perry
Assistant Laboratory Manager

Laboratory Report

Lebanon Project # NY306118

Perfect Manager: Paul S. Chopra, Laboratory Director

Effect Date: 4/22/2003

Report Date: 4/23/2003

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Aspirin

☐ Paul G. Chopra, Laboratory Director

Analysis Results Table

Client Sample	Cell Sample #	Sample Location / Description (Material Description)	Analyst Comments Adhesive Content	Analyst Comments Non-Adhesive Content	Analyst - Date
The Following 3 samples were submitted by CEM, Inc. on 4/22/2003 and analyzed in accordance with PLM - BLAP Modified 198.1					
1	553338	N brick piles Black roofing 100% Tar	No Adhesive Detected using PLM	4% Cellulose 6% Fiberglass 90% Non-Fibrous Material	LOB 4/22/2003
No asbestos detected in sample - NOB Material					
2	553339	N brick piles Black galvanized siding 100% Black fiber 35% Chrysotile		7% Cellulose 34% Non-Fibrous Material	LOB 4/22/2003
35% asbestos in core pile sample					
3	553340	N brick piles Black galvanized siding 100% Tar		5% Cellulose 8% Fiberglass 87% Non-Fibrous Material	LOB 4/21/2003
20% asbestos in core pile sample - NOB Material					

[illegible]

J CHONGMIL
(Incorporated)

1815 Love Road
Grand Island, NY 14072
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Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NY8 DOHES AF LIB # 10934

Page: 1 of 1
Report Date: 6/25/2013
Laboratory: BRYAN
Dose: 0.001 mg



PLM BULK ASBESTOS REPORT

Job No: 6280-03
Page: 1 of 1

NVLAP Lab Code 200530-0

y: 

07/09/2003



179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM BULK ASBESTOS REPORT

Client: Stearns & Wheler, LLC
Location: Roblin Steel

Job No: 6363-03
Page: 1 of 1

Sample Date: 7/8/2003

NVLAP

Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for identifying and quantifying asbestos in bulk samples").

Date Analyzed: 7/8/2003
Microscope: Olympus BH-2 #232953
Analyst: Patrick Fitzgerald

Laboratory Results Approved By:
Asbestos Technical Director



Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

6363-03

REPORT TO		INVOICE TO	
COMPANY: Stearns & Wheeler, LLC	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: 415 North French Road - Suite 100	ADDRESS:		
CITY: Amherst NY	CITY:	STATE:	ZIP:
PHONE: (716) 691-8503	PHONE:	FAX:	TURNAROUND TIME: (WORKING DAYS)
FAX: (716) 691-8506	FAX:		
ATTN: Dave Rowlinson	ATTN:	STD	OTHER
COMMENTS: 5H070703A	COMMENTS:	1	2 3 4 5

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 7/8/03	7:50A	1-50	X	Galbestos Siding		41	2.0c	44810
2								
3								
4								
5								
6								
7								
8								
9								
10								

****LAB USE ONLY**** 1 36

SAMPLE CONDITION: Check box if acceptable or note deviation: 0 64

CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐

Sampled By: John Hoffmann	Date/Time: 7/8/03 7:50A	Relinquished By:	Date/Time:	Total Cost:
Relinquished By: John Hoffmann	Date/Time: 7/8/03 4:00PM	Received By:	Date/Time:	
Received By:	Date/Time:	Received @ Lab By: Mary Mandy	Date/Time: 7/8/03	P.I.F.

Stearns & Wheler, LLC

Environmental Engineers and Scientists

University Centre
415 North French Road
Suite 100
Amherst, NY 14228

tel. (716) 691-8503
fax. (716) 691-8506
web. www.stearnswheler.com

May 6, 2003

Mr. George Churakos
Project Manager
Mark Cerrone, Inc.
8467 West Rivershore Drive
Niagara Falls, New York 14304

Re: City of North Tonawanda, New York
Roblin Steel Site – Phase I

Dear Mr. Churakos:

In regard to the May 5, 2003 project meeting discussions, I would like to confirm the asbestos sampling, testing, and disposal decisions that have been made concerning the wood frame structures located in the southeast corner of the site. Analytical test results of sampling conducted on materials from these two buildings are attached. These buildings will be identified as the gate house (Building H) that is closest to the access gate and the storage shed (Building G), which is located south of Building H.

- Building H is confirmed to contain asbestos and is required to be demolished, removed, and disposed off-site as ACM waste.
- Building G is confirmed to not contain asbestos and is required to be demolished, removed, and disposed off-site as C&D waste.

The third wood frame structure is identified as the garage (Building F), which is located in the same area as the first two buildings. Building F has not been included in the Phase I contract since it is serving a purpose of providing shelter for Phase I drum staging. Once the drums have been sampled and disposed off-site, this building is required to be demolished, removed, and disposed off-site as C&D waste. The attached asbestos survey conducted on May 30, 2000 concludes that Building F does not contain asbestos.



Mr. George Churakos
Mark Cerrone, Inc.

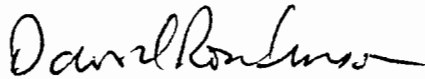
May 6, 2003
Page 2

Pricing for the drum sampling and disposal of wastes has been requested. This additional work will need to be approved prior to any demolition work on Building F.

If you have any questions, please contact our office.

Sincerely,

STEARNS & WHEELER, LLC



David Rowlinson
Project Manager

Attachment

DR/tld

pc: Mr. Dale Marshall - City of North Tonawanda
Mr. Mark Cerrone - Mark Cerrone, Inc.
Ms. Robyn Cierniak - Stearns & Wheeler, LLC
Ms. Muffett Mauche George, P.E. - Foit-Albert Associates





June 13, 2000

Mr. Henry Wostaszek
City of North Tonawanda
Department of Engineering
City Hall 216 Payne Avenue
North Tonawanda, New York 14120-5493

COPY

RE: Pre-Demolition Asbestos Survey
Roblin Steel

Dear Mr. Wostaszek:

Enclosed please find the results from the asbestos survey performed at the above referenced site on May 30, 2000. CEM, Inc. surveyed the property and collected nine (9) samples for asbestos analysis from the building on this lot.

The following materials contain asbestos:

Building A: 570 linear feet- Pipe Insulation
Building B: 1570 linear feet- Pipe Insulation
Building C: 1980 square feet- Galbestos inside
Building C: 5860 square feet Galbestos outside
Building D: 300 linear feet- Pipe Insulation
Building E: 1600 square feet- Roofing
Building F: No Asbestos
Building G: No Asbestos
Building H: 20 square feet- Insulation Board

These laboratory results are submitted pursuant to CEM, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

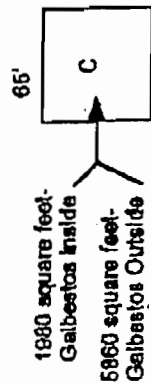
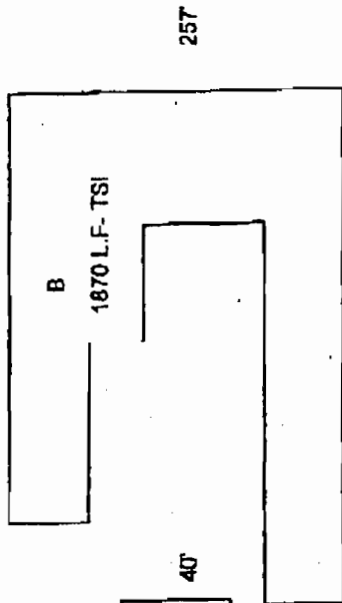
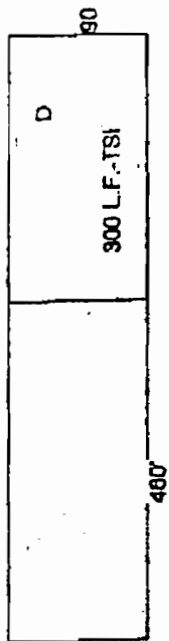
Should you have any questions, please do not hesitate to contact us.

Sincerely,

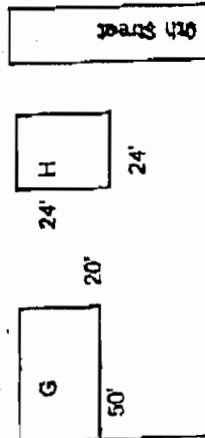
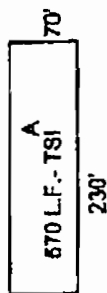
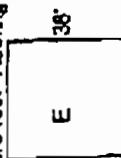

Raj Chopra
Inspector
Enc.

po box 709 buffalo ny 14213 716.883.5762

110



1600 square feet- Roofing



Oliver Street

Polin Steel
Company

East Avenue

CEM Inc.
1111 Bailey Avenue
Buffalo, NY 14202

Laboratory Report

Laboratory Project # : NY204160
Project Manager : Paul S. Chagra, Laboratory Director
Start Date : 4/29/2003
Report Date : 4/30/2003
Analysis Type : Bulk Arbores Analysis by Polarized Light Microscopy

Author's Disclosure of Potential Conflicts of Interest

☐ **Paul E. Chapp, Laboratory Director**

Client Sample	CLT Sample #	Supplier Location / Description	Analysis Results Table	Analyzed Chemicals	Assigned - Date
		Buy Order # / Description (s)		Non-Ashless Content	
				Ashless Content	
The following 2 sample(s) were submitted by CLM, Inc on 4/29/2003 and analyzed in accordance with PLM - ELAP Method 19B.1					
1	553846	Gate house Gray granite roof	100% Crystalline	85% Non-Fibrous Material	LOB 4/29/2003
95% submitted in composite sample					
2	553847	Shore garage Black roofing & felt paper	100% Black Fiberglass	50% Cellulose 5% Fiberglass 30% Non-Fibrous Material	LOB 4/29/2003
No submission detected in sample - NOF Material					

Additional testing is recommended for any material which contains 4% or more of the following substances. Analysis by Potassium Edge Technology (PET) has a degree of uncertainty that is dependent on the sample size, sample homogeneity and analyst variability. PET can detect all of the substances listed below at 1% or less. PET analysis must be performed with these factors in mind and considered as a guide.

These results are submitted pursuant to Chapter 124, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability for use as a reference only for the above listed. Any reproduction of this document, without the written consent of the publisher, is prohibited. Copyright by NIST through NPL and NIST. NIST through NPL does not assume any liability for use of this information without the express written consent of NIST. Chapter 124, Inc. will store sales records for the sample first period of 18 months before destruction.

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Grand Island, NY 14072
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NY 3 DOH HC Lab # 10954

Page#	1 of 1
Report Date	4/26/2015
Experiment#	10714100
Colony	3764100

Laboratory Report

Client: CEM Inc
3385 Bailey Avenue
Buffalo, NY 14215

Attention: Evan Harnden
Project Ref # 0304315
Purchase Order #
Project: Bulk Sample Analysis for Asbestos

Laboratory Project # NY305051
Project Manager: Paul S. Chopra, Laboratory Director
Start Date: 5/7/2003
Report Date: 5/21/2003
Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Material Description(s)	Asbestos Content	Analyst Comment	Non-Asbestos Content	Analyst - Date
The following 4 sample(s) were submitted by CEM, Inc. on 5/20/2003 and analyzed in accordance with PLM - ELAP Method 198.1							
1	556130	Electrical Building	White window caulk	No Asbestos Detected using PLM	1% Cellulose	99% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
2	556131	Electrical Building	Gray door caulk	No Asbestos Detected using PLM	2% Cellulose	98% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
3	556132	Electrical Building	Black roofing	No Asbestos Detected using PLM	20% Cellulose	80% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material							
4	556133	Short chimney	White fire brick	No Asbestos Detected using PLM	100% Non-Fibrous Material	70% Non-Fibrous Material	LGB 5/20/2003
7.5% asbestos in composite sample							



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Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYS DOH ELAP Lab # 10954

Page # 1 of 2
Report Date: 5/21/2003
Laboratory # NY305051
Client: CEM Inc

Client:

CEM Inc
3385 Bailey Avenue
Buffalo, NY 14215

Attention:

Evan Harnden

Project Ref #

0304315

Purchase Order #

Project: Bulk Sample Analysis for Asbestos
Roblin Steel

Laboratory Project # NY305051

Project Manager: Paul S. Chopra, Laboratory Director

Start Date: 5/7/2003

Report Date: 5/21/2003

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description Material Description(s)	Asbestos Content	Analyst Comment Non-Asbestos Content	Analyst - Date
The following 4 sample(s) were submitted by CEM, Inc. on 5/20/2003 and analyzed in accordance with PLM - ELAP Method 198.1					
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No asbestos detected in sample - NOB Material					
2	556131	Electrical Building Gray door caulk 100% Red/gray solid	No Asbestos Detected using PLM	2% Cellulose 98% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material					
3	556132	Electrical Building Black roofing 100% Black solid	No Asbestos Detected using PLM	20% Cellulose 80% Non-Fibrous Material	LGB 5/20/2003
No asbestos detected in sample - NOB Material					
4	556133	Short chimney White fire brick 75% Gray solid/brick 25% Brown fibrous	No Asbestos Detected using PLM 30% Anosite	100% Non-Fibrous Material 70% Non-Fibrous Material	LGB 5/20/2003
7.5% asbestos in composite sample					



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Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYS DOH ELAP Lab # 10954

Page: 1 of 2
Report Date: 5/21/2003
Laboratory: NY305051
Client: CEM Inc

Laboratory Report

Laboratory Project # NY304160

Project Manager: Paul S. Chopra, Laboratory Director

Start Date: 4/29/2003

Report Date: 4/10/2003

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CL Sample #	Sample Location / Description	Asbestos Content	Analyt Comment	Asbestos Content	Analyst - Date
The following 2 sample(s) were submitted by CEM, Inc on 4/29/2003 and analyzed in accordance with PLM - ELAP Method 198.1						
1	551846	Gate house Gray granite roof	35% Chrysotile	35% Non-Fibrous Material		LOB 4/29/2003
35% asbestos in composite sample						
2	551847	Storage shed Black roofing & felt paper	100% Black Fibrous/Bar	60% Cellulose 3% Fiberglass 33% Non-Fibrous Material		LOB 4/29/2003
No asbestos detected in sample - NOB Material						

Additional testing is recommended for any material which contains <1% asbestos or TOB (non-fibrous organic) bulk materials which are negative or <1% asbestos. Analysis by Polarized Light Microscopy (PLM) is a degree of uncertainty that is dependent on the sample material, non-identification individuals present, size of the asbestos present, the sample homogeneity and analyst variability. PLM constitutes of variance ranges from 1% to 10% at high fiber concentrations. All PLM analysis must be reviewed with these factors taken into consideration. These results are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results or recommendations are used or interpreted. These results pertain only to the items tested. Any reproduction of this document and include the entire document in order for the report to be valid. Certified by NIST through NYELAP or New York State through ELAP or New York State through NYELAP or New York State through NYELAP. Unless notified in writing to return the samples covered by this report, Chopra-Lee, Inc. will store them for a period of 18 months before discarding.



1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYS DOH ELAP Lab # 10934

Page 1 of 1
Report Date 4/10/2003
Laboratory 10704100
Client CEM Inc

Laboratory Report

Client:
CEM Inc
3385 Bailey Avenue
Buffalo, NY 14215

Laboratory Project # NY305051

Project Manager: Paul S. Chopra, Laboratory Director

Start Date: 5/7/2003

Attention: Ryan Hamden

Report Date: 5/8/2003

Project Ref #

0304315

Analysis Type: Bulk Asbestos Analysis by Polarized Light Microscopy

Purchase Order #

Bulk Sample Analysis for Asbestos

Roblin Steel

Authorized Signature

☐ Paul S. Chopra, Laboratory Director

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Material Description(s)	Asbestos Content	Analyst Comment	Non-Asbestos Content	Analyst - Date
The following 11 sample(s) were submitted by CEM, Inc on 5/7/2003 and analyzed in accordance with PLM - ELAP Method 198.1							
1	554426	Next to chimney	Brown/white mortar	8% Chrysotile	2% Cellulose	90% Non-Fibrous Material	LGB 5/7/2003
8.0% asbestos in composite sample							
2	554427	Chimney stack	Brown/white mortar	15% Chrysotile	85% Non-Fibrous Material		LGB 5/7/2003
15% asbestos in composite sample							
3	554428	Next to bathroom	Black roofing	No Asbestos Detected using PLM	25% Fiberglass	75% Non-Fibrous Material	LGB 5/7/2003
100% Black solid							
No asbestos detected in sample - NOB Material							
4	554429	Bathroom wall	Black/gray board	No Asbestos Detected using PLM	100% Non-Fibrous Material		LGB 5/7/2003
100% Dk gray solid							
No asbestos detected in sample							
5	554430	Oven	White brick	No Asbestos Detected using PLM	40% Mineral Wool	60% Non-Fibrous Material	LGB 5/7/2003
100% White fibrous							
No asbestos detected in sample							



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NYS DOH ELAP Lab # 10954

Analysis Results Table

Client Sample	CLI Sample #	Sample Location / Description	Asbestos Content	Analyst Comment	Analyst - Date
	554431	Oven Reddish mortar	No Asbestos Detected using PLM	2% Mineral Wool 98% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554432	Oven Brown brick	No Asbestos Detected using PLM	1% Mineral Wool 99% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554433	Oven Lt brown mortar	No Asbestos Detected using PLM	1% Cellulose 99% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554434	Oven Black roofing	10% Chrysotile	5% Cellulose 80% Non-Fibrous Material	LGB 5/7/2003
10% asbestos in composite sample - NOB Material					
	554435	By chimney Gray board	No Asbestos Detected using PLM	100% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample					
	554436	Window frame/building Gray/white caulk	No Asbestos Detected using PLM	100% Non-Fibrous Material	LGB 5/7/2003
No asbestos detected in sample - NOB Material					

Additional testing is recommended for any material which contains <1% asbestos or NOB (non-friable organically bound) bulk materials which are negative or <1% asbestos. Analysis by Polarized Light Microscopy (PLM) has a degree of uncertainty that is dependent on the sample matrix, non-asbestos minerals present, size of the asbestos present, the sample homogeneity and analyst variability. PLM coefficients of variance range from approx. 1.5, at the quantitation limit of 1%, to 0.1 at high fiber concentrations. All PLM analyses must be reviewed with these factors taken into consideration. These results are submitted pursuant to Chopro-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results or recommendations are used or interpreted. These results pertain only to the items tested. Any reproduction of this document must include the entire document in order for the report to be valid. Certification by NIST through NYELAP or New York State through ELAP does not constitute government endorsement of this testing facility. Unless notified in writing to return the samples covered by this report, Chopro-Lee, Inc. will store what remains of the samples for a period of 18 months before discarding.



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Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

NYS DOHE LAP Lab # 10954



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

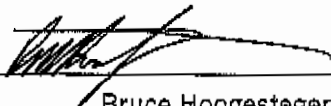
Client: Stearns & Wheeler Lab Project No.: 03-1904
Client Job Site: Roblin Steel Lab Sample No.: 6748
Client Job No.: N/A Sample Type: TCLP Extract
Field Location: Debris Pile (*Back/Gabestos Pile*) Date Sampled: 07/16/2003
Field ID No.: N/A Date Received: 07/16/2003

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/18/2003	EPA 6010	<0.100	5.0
Barium	07/18/2003	EPA 6010	0.762	100.0
Cadmium	07/18/2003	EPA 6010	<0.025	1.0
Chromium	07/18/2003	EPA 6010	<0.050	5.0
Lead	07/18/2003	EPA 6010	0.112	5.0
Mercury	07/21/2003	EPA 7470	<0.0020	0.2
Selenium	07/18/2003	EPA 6010	<0.100	1.0
Silver	07/18/2003	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director



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

Semi-Volatile Analysis Report for TCLP Extract**Client:** Stearns & Wheeler

Client Job Site: Roblin Steel
Client Job Number: N/A
Field Location: Debris Pile
Field ID Number: N/A
Sample Type: TCLP Extract

Lab Project Number: 03-1904
Lab Sample Number: 6748
Date Sampled: 07/16/2003
Date Received: 07/16/2003
Date Analyzed: 07/17/2003

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	3,000
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	2,000
Pyridine	ND< 40.0	5,000

Acids	Results in ug / L	Regulatory Limits in ug / L
Cresols (as m,p,o-Cresol)	ND< 80.0	200,000
Pentachlorophenol	ND< 100	100,000
2,4,5-Trichlorophenol	ND< 100	400,000
2,4,6-Trichlorophenol	ND< 40.0	2,000

ELAP Number 10958

Method: EPA 8270C

Data File: 11741.D

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

Signature:
Bruce Hoogsteger, Technical Director



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

Volatile Analysis Report for TCLP Extract**Client:** Stearns & Wheeler**Client Job Site:** Roblin Steel**Lab Project Number:** 03-1904**Lab Sample Number:** 6748**Client Job Number:** N/A**Field Location:** Debris Pile**Date Sampled:** 07/16/2003**Field ID Number:** N/A**Date Received:** 07/16/2003**Sample Type:** TCLP Extract**Date Analyzed:** 07/17/2003

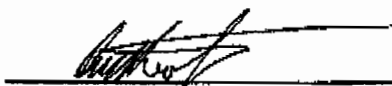
TCLP Analytes	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 50.0	200,000
Carbon tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl Chloride	ND< 20.0	200

ELAP Number 10958

Method: EPA 8260B

Data File: 66363.D

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

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		INVOICE TO	
COMPANY: <i>Stearns & Wheeler</i>	COMPANY: <i>Same</i>	LAB PROJECT #: <i>03-1904</i>	CLIENT PROJECT #:
ADDRESS: <i>415 N. French</i>	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: <i>Amherst NY</i>	CITY:	STATE: <i>NY</i>	ZIP:
PHONE: <i>716 691 8503</i>	PHONE:	FAX:	
FAX: <i>716 691 8506</i>	FAX:	ATTN: <i>Dave Rowlinson</i>	
PROJECT NAME/SITE NAME: <i>Roblin Steel</i>	COMMENTS:	STD ☐ 1 ☒ 2 ☐ 3 ☐ 5	OTHER: ☐

REQUESTED ANALYSIS				PARADIGM LAB SAMPLE NUMBER	
DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX
1 7/16/03	8:30		X	Debris Pile	S
2					
3					
4					
5					
6					
7					
8					
9					
10					

CONTAINER TYPE: ☒		PRESERVATIONS: ☒	HOLDING TIME: ☒	TEMPERATURE: ☒ 14°C <i>iced</i>
SAMPLE CONDITION: Check box if acceptable or note deviation:				
SAMPLED BY: <i>John Hoffmann</i>		DATE/TIME: <i>7/16/03</i>		
RELINQUISHED BY:		DATE/TIME:		
RECEIVED BY:		DATE/TIME:		
RECEIVED @ Lab By: <i>Renee M. Blake</i>		DATE/TIME: <i>7/16/03 @ 15:20</i>		
P.I.F.				



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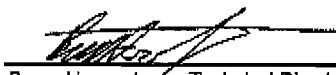
PCB Analysis Report for Soils/Solids/Sludges**Client:** Stearns & Wheeler**Client Job Site:** Roblin Steel**Lab Project Number:** 03-1950**Lab Sample Number:** 6839**Client Job Number:** N/A**Field Location:** Debris Pile**Date Sampled:** 07/21/2003**Field ID Number:** N/A**Date Received:** 07/22/2003**Sample Type:** Solid**Date Analyzed:** 07/23/2003

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.346
Aroclor 1221	ND< 0.346
Aroclor 1232	ND< 0.346
Aroclor 1242	ND< 0.346
Aroclor 1248	ND< 0.346
Aroclor 1254	ND< 0.346
Aroclor 1260	ND< 0.346

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram
Sample chromatogram indicates possible presences of poly chlorinated biphenyls. No pattern match to standard Aroclors

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

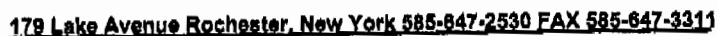
REPORT TO:		INVOICE TO:	
COMPANY: <i>Stevens + Wheeler</i>	COMPANY: <i>Stevens + Wheeler</i>	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <i>415 N. French St. 100</i>	ADDRESS:		
CITY: <i>Ambrecht NY 14728</i>	CITY:	STATE:	ZIP:
PHONE: <i>691-9503</i>	PHONE:	FAX:	
ATTN: <i>Robin Cierniak</i>	ATTN:		
PROJECT NAME/SITE NAME: <i>Robin Steel</i>	COMMENTS: <i>Needs results by 7/25/03</i>	REQUESTED ANALYSIS	

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 7/1/03	9:00		X	Debris Pit		1		
2								
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:	CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:
--	-----------------	----------------	---------------	--------------

Sampled By: <i>John Hoffman</i>	Date/Time: <i>7/1</i>	Relinquished By:	Date/Time:	Total Cost:
Relinquished By:	Date/Time:	Received By:	Date/Time:	
Received By:	Date/Time:	Received @ Lab By:	Date/Time:	P.I.F.



Page: 1 of 1

[illegible]

ELAP ID No.: 10958



7/8/2003


179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

PLM BULK ASBESTOS REPORT

Client: Stearns & Wheeler, LLC

Job No: 6363-03

Location: Roblin Steel

Page: 1 of 1

Sample Date: 7/8/2003

Client ID	Lab ID	Sampling Location	Description	Asbestos Fibers Type & Percentage	Total Asbestos	T E M	Non-Asbestos Fibers Type & Percentage	Matrix Material %
1	44810	Roblin Steel	Black Fibrous Galbestos Sliding	Chrysotile 38%	38%		None Detected	64%

NVLAP Lab Code 200530-0

ELAP ID No.: 10958

The samples were analyzed by Polarized Light Microscopy, according to the State of New York DOH ELAP Method 198.1 ("Polarized-Light Microscope Methods for Identifying and quantifying asbestos in bulk samples").

Date Analyzed: 7/8/2003

Microscope: Olympus BH-2 #232953

Analyst: Patrick Fitzgerald

**Laboratory Results Approved By:
Asbestos Technical Director**

 Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

APPENDIX L

Fence Lead Sample Analytical Test Results



Stearns & Wheeler, LLC
Environmental Engineers and Scientists



PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 847-2530 FAX (585) 647-3311

Client: **Cambria Construction**

Lab Project No.: 04-2498

Client Job Site: Roblin Steel

Sample Type: Paint
Method: SW846 3050, 6010

Client Job No.: N/A

Date(s) Sampled: 08/26/2004

Date Received: 08/27/2004

Date Analyzed: 08/31/2004

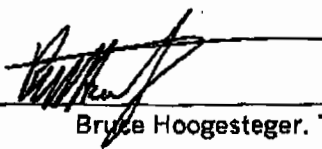
Laboratory Report for Paint Analysis

Lab Sample No.	Field ID No.	Field Location	Lead (mg/kg)	Lead (% by wt)
8531	N/A	Sample #1 Fence (Center)	59000	5.90
8532	N/A	Sample #2 Fence (North End)	60500	6.05
8533	N/A	Sample #3 Brick Pier	58600	5.86
8534	N/A	Sample #4 Fence	61700	6.17

ELAP ID No.: 10958

Comments: Paint is considered lead based if the concentration of lead is equal or greater than 0.5% by weight.

Approved By: _____


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 sample information, including compliance with sample condition requirements upon receipt.

File ID:042498.xls

Appendix M

Waste Disposal Manifests



WASTE AND HAZARDOUS MATERIALS DIVISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

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amended.

Failure to file may subject you to criminal and/or civil penalties under Section 324.11151 or 324.12116 MCL.

Please print or type

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Robin Steel 101 EAST AVE NORTH TONAWANDA, NY 14120		4. Generator's Phone (716) 298-5297		A. State Manifest Document Number MI 9062717		
5. Transporter 1 Company Name RADAC ENVIRONMENTAL SERVICES		6. US EPA ID Number NYD049178 296		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID AD67882 NY		
9. Designated Facility Name and Site Address Perma-Fix of Michigan, Inc 18550 ALLEN ROAD BROWNSTOWN, MI 48192		10. US EPA ID Number LMID096963 194		D. Transporter's Phone 718-963-2238		
				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (734) 282-9250		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER)		12. Containers No.	13. Total Quantity	14. Unit Wt. Vol	I. Waste No.	
a. NON-RCRA, NON-DOT Regulated Steel Slag / Grinding's		002 DM	00110	G	NONE	
b. NON-RCRA, NON-DOT Regulated OIL + WATER		004 DM	00220	G	029L	
c. NON-RCRA, NON-DOT Regulated Anti-freeze / water		003 DM	00165	G	029L	
d. NON-RCRA, NON-DOT Regulated Petroleum		001 DM	00055	G	NONE	
J. Additional Descriptions for Materials Listed Above A) ROB 80705 C) ROB 80702 B) ROB 80703 D) ROB 80701					K. Handling Codes for Wastes Listed Above A. B. C. D.	
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. As agent of City of North Tonawanda						
Printed/Typed Name DAVID ROWLSON, STARNIS & WHEELER		Signature David Rowlson		Date Month Day Year 10/1/93		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature STARNIS		Date Month Day Year 10/1/93		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name		Signature		Date Month Day Year		



WASTE MANAGEMENT VISION
MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE
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Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to
criminal and/or civil penalties under
Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Robin Steel 101 EAST AVE NORTH TONAWANDA, New York 14120		4. Generator's Phone (716) 298-5297		A. State Manifest Document Number MI 8691040		
5. Transporter 1 Company Name RADAC ENVIRONMENTAL SERVICES		6. US EPA ID Number NYD049178296		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID 14067882		
9. Designated Facility Name and Site Address Perma-Fix of Michigan, Inc. 18550 ALLEN ROAD BROWNSTOWN, MI 48192		10. US EPA ID Number MID096963194		D. Transporter's Phone 716-963-2233		
				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (734) 282-9250		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER).		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
a. (RQ) Hazardous Waste Liquid, NOS (Tetrachloroethylene) 9, NA3082, PG III		No. Type				
b. (RQ) Hazardous Waste Liquid, NOS (Petroleum Oil, methylene chloride) 9, NA3082, PG III						
c. (RQ) Hazardous Waste Liquid, NOS (Lead, Benzene) 9, NA3082, PG III						
d. (RQ) Hazardous Waste Solid, NOS (Motor Oil, Lead) 9, NA3077, PG III						
J. Additional Descriptions for Materials Listed Above		K. Handling Codes				
A) ROB 80708 (Also Fits D039) ERG 171 C) ROB 80706 (Also Fits D003, D018) ERG 171		a				
B) ROB 80707 ERG 171		b				
D) ROB 80704 ERG 171		c				
		d				
15. Special Handling Instructions and Additional Information ChemTrec 24 Hour Emergency Phone 800-424-9300						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name DAVID PAULINSON STEARNS & WHEELER		Signature David Paulinson City of North Tonawanda		Date 08/14/03		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Robert Starnetz		Date 08/14/03		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date		
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Date Month Day Year		

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N A G I C 6 9 4	Manifest Doc. No.	2. Page 1 of 1	02913
3. Generator's Name and Mailing Address MARK CERRONE, INC. 1100 CONNECTING ROAD NIAGARA FALLS, NY 14304			ROBLIN STEEL SITE: OLIVER ST. N. TONAWANDA ANALYSIS ON FILE		
4. Generator's Phone (716) 283-4274		5. Transporter 1 Company Name GREEN ENVIRONMENT SPECIALISTS, INC.	6. US EPA ID Number NYR000013086	A. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone		
9. Designated Facility Name and Site Address ENVIRONMENTAL & INDUSTRIAL CONTRACTING SERVICES, INC. 8335 QUARRY RD. NIAGARA FALLS, NY 14304			10. US EPA ID Number NY0001037605	C. Facility's Phone (716) 298-5297 (716) 298-8876	
11. Waste Shipping Name and Description			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. NON REGULATED MATERIAL NOT REGULATED BY DOT NA			1 T T	650	GA
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above A) TRANSFORMER OIL C) B) D)			E. Handling Codes for Wastes Listed Above A) S C) B) D)		
15. Special Handling Instructions and Additional Information A) APPROVAL #: PRE-APPROVED C) APPROVAL #: B) APPROVAL #: D) APPROVAL #:					
INVOICE: GREEN ENVIRONMENT SPECIALISTS, INC.					
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 <i>George Ch...</i>		Signature <i>[Signature]</i>		Month Day Year <i>12 2 95</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>James G...</i>		Signature <i>[Signature]</i>		Month Day Year <i>12 2 95</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
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		Signature		Month Day Year	

GENERATOR'S COPY

NYG 4010823

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/23/03)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u>08506</u>		Manifest Doc. No. <u>111123</u>		2. Page 1 of <u>1</u>		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address Cambria Contracting Corp. 5105 Lockport Rd., Lockport, NY 14094 716 625-6690						A. NYG 4010823					
4. Generator's Telephone Number						B. Generator's ID Same					
5. Transporter 1 (Company Name) St. Joseph Motor Lines			6. US EPA ID Number P A D 9 8 7 3 5 8 5 8 7			C. State Transporter's ID 800-221-2564			D. Transporter's Telephone		
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID			F. Transporter's Telephone		
9. Designated Facility Name and Site Address Chemtron Corporation 35850 Schneider Court Avon, OH 44011			10. US EPA ID Number O H D 0 6 6 0 6 0 6 0 9			G. State Facility ID			H. Facility Telephone 800 676-5091		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. RW, Hazardous Waste, Solid, n.o.s. (Lead) 9 UN9189 PG II (Sandblasting Grit) (Limited Qty)						Number 002 Type D M		Quantity 1.500		Wt/Vol EST. 1.500	
b.										Waste No. 0008	
c.										EPA	
d.										STATE	
J. Additional Descriptions for Materials listed Above App. #G20050411A24						K. Handling Codes for Wastes Listed Above					
a.						c.		a.		c.	
b.						d.		b.		d.	
15. Special Handling Instructions and Additional Information Emergency Contact: CMS (866) 734-2553 11a. ERG-171											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name William S. Eichhorn				Signature <i>William S. Eichhorn</i>				Mo. 06 Day 24 Year 05			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>Michael J. ...</i>				Signature <i>Michael J. ...</i>				Mo. 10 Day 25 Year 05			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name Mary E. McLean				Signature <i>Mary E. McLean</i>				Mo. 10 Day 22 Year 05			

COPY 5—Generator—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY