

Appendix H
INVESTIGATION DERIVED WASTE DISPOSAL DOCUMENTATION



Stantec Consulting Services Inc.
61 Commercial Street
Rochester NY 14614
Tel: (585) 475-1440
Fax: (585) 272-1814

Stantec

July 16, 2013
File: 190500647

Monroe County Department of Environmental Services
Industrial Waste Control
145 Paul Road, Bldg. 1
Rochester, NY 14624

Attention: Ms. Erin Magee

Reference: Specialty Short Term Discharge Permit Application
Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York

Dear Ms. Magee:

On behalf of Maguire Family Properties, Inc. (Maguire), Stantec Consulting Services Inc. (Stantec) presents this application for a Specialty Short Term Discharge Permit for the Maguire Family Properties, Inc. facility located at 12 Pixley Industrial Parkway in the Town of Gates (the site).

A. Environmental Representative

Stantec Consulting Services, Inc.
61 Commercial Street
Rochester, New York 14614

B. Contact Person

Thomas D. Wells
Stantec

Phone: (585) 413-5271
Fax: (585) 272-1814
Cell phone: (585) 752-7335
email: Tom.Wells@stantec.com

C. Site Name and Address

Discharge location:
Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York 14624

Mailing address for correspondence:
Maguire Family Properties, Inc.
770 Rock Beach Road
Rochester, New York 14617
Attn: D. Maguire, President

Reference: **Application for Specialty Short Term Discharge Permit**
 12 Pixley Industrial Parkway, Gates, NY

D. Site History

The property is the site of the former Alliance Metal Stamping & Fabrication (AMSF) industrial facility. The facility consists of a 120,000 sq. ft. industrial building on a 7 acre property. The AMSF facility was constructed in 1967, before which the property was undeveloped agricultural land. Metalworking and related manufacturing operations were discontinued by AMSF in the 1994. Since 1995, the property has been owned by Maguire Family Properties, Inc., which leases individual spaces in the facility to several light industrial and commercial tenants.

The permit would cover discharge of investigation-derived wastewater collected during a remedial investigation of environmental conditions at the site. The investigation is being conducted under the New York State Department of Environmental Conservation's Brownfield Cleanup Program (BCP site number C828101). The wastewater includes drilling water and groundwater pumped during the development of newly installed monitoring wells and groundwater purged from both the new wells and previously existing wells during groundwater sampling events.

E. Site Contaminants

Previous environmental investigations performed at the site beginning in 1992 had identified the presence of contamination of groundwater by chlorinated volatile organic compounds (VOCs), primarily 1,1,1-trichloroethane (1,1,1-TCA). The attached table presents a summary of the maximum concentration of individual contaminants detected in all previous groundwater samples collected at the site.

A sample of the wastewater currently awaiting discharge was collected for analysis in accordance with the County's specifications for analysis parameters and methods. Results are summarized on the attached table, and a copy of the laboratory report for the sample is attached. As shown in the attached table and lab report, VOCs were the only contaminants detected. The sum of the concentrations of the individual VOCs detected was 0.160 milligrams per liter (mg/L), which is below the County's threshold requiring treatment prior to discharge of 2.13 mg/L.

F. Quantity of Wastewater to be Discharged

A volume of approximately 16,700 gallons of wastewater is currently awaiting discharge. It is being stored on site in a single frac tank.

This application is also meant to cover a second volume of approximately 50 gallons of purge water that will not be collected until a second groundwater sampling event scheduled for September 2013.

G. Method of Treatment

Not applicable. (No treatment is proposed.)

H. Method of Controlling Solids Discharge

Not applicable. (No solids discharge is anticipated.)

I. Expected date of Discharge

The discharge of the initial volume will be scheduled pending approval of the application. A tentative target date of July 19, 2013 is proposed. For this initial volume, approval of a discharge rate of up to 40 gallons per minute is requested to allow for completion of the discharge in a single 8-hour day.

July 16, 2013

Page 3

Reference: **Application for Specialty Short Term Discharge Permit**
 12 Pixley Industrial Parkway, Gates, NY

J. Project duration

The project will extend until September or October 2013, when the wastewater from the second planned groundwater sampling event will be ready for discharge.

Closing

With the County's approval, we will plan to deliver a check for the permit fee of \$125 to the County's field inspector during the time of the field inspection.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,

STANTEC CONSULTING SERVICES INC.



Thomas D. Wells
Senior Geologist
Tel: (585) 413-5271
Tom.Wells@stantec.com

Attachments:

- Specialty Short Term Discharge Permit form
- Certificates of Insurance for Maguire Family Properties
- Table Summarizing Known Contaminant Concentrations
- Wastewater Sample Analysis Report for Paradigm Laboratory Project 132295

ec: D. Maguire
 P. Sylvestri

SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. _____

ST- Permit No: _____

Expires: _____

Firm Name

Maguire Family Properties, Inc.

Fee: \$125.00

Address

Site address: 12 Pirley Industrial Parkway, Gates, NY 14624
Mailing address: 770 Rock Beach Road, Rochester, NY 14617

Type of Business or Service _____

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated July 8, 2013 and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) _____

Applicant's Signature

Dennis P. Maguire

Date

7/9/13

Applicant's Title Pres.

Phone

(585) 338-2269

Emergency Contact _____

Phone _____

Renewal Approved by: _____

Issued this ____ day of ____ 20 ____.

Michael J. Garland, P.E.

Director of Environmental Services-Pure Waters
Monroe County

F. Drew Smith - Environmental & Regulatory Compliance Manager
Monroe County Department of Environmental Services

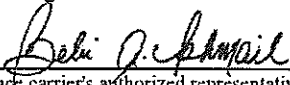
145 Paul Road - Bldg. 1, Rochester, New York 14624 - (585) 753-7600, Option 4, fax: (585) 324-1213

www.monroecounty.gov/des-industrialwaste.php

printed on recycled paper

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD
CERTIFICATE OF INSURANCE COVERAGE UNDER THE NYS DISABILITY BENEFITS LAW

PART 1. To be completed by Disability Benefits Carrier or Licensed Insurance Agent of that Carrier

1a. Legal Name and Address of Insured (Use street address only) MAGUIRE FAMILY PROPERTIES, INC 770 ROCK BEACH ROAD ROCHESTER, NY 14617	1b. Business Telephone Number of Insured 585-338-2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured PENDING 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Department of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Standard Security Life Insurance Company of New York 3b. Policy Number of entity listed in box "1a": D83150-000 3c. Policy effective period: <div style="text-align: center;">7/1/2002 to 7/15/2014</div>
4. Policy covers: a. <input checked="" type="checkbox"/> All of the employer's employees eligible under the New York Disability Benefits Law b. <input type="checkbox"/> Only the following class or classes of the employer's employees: <p>Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has NYS Disability Benefits insurance coverage as described above.</p> <p>Date Signed <u>7/16/2013</u> By <u></u> Signature of insurance carrier's authorized representative or NYS Licensed Insurance Agent of that insurance carrier)</p> <p>Telephone Number <u>(212) 355-4141</u> Title <u>SUPERVISOR-DBL/POLICY SERVICES</u></p> <p>IMPORTANT: If box "4a" is checked, and this form is signed by the insurance carrier's authorized representative or NYS Licensed Insurance Agent of that carrier, this certificate is COMPLETE. Mail it directly to the certificate holder. If box "4b" is checked, this certificate is NOT COMPLETE for purposes of Section 220, Subd. 8 of the Disability Benefits Law. It must be mailed for completion to the Workers' Compensation Board, DB Plans Acceptance Unit, 20 Park Street, Albany, New York 12207.</p>	

PART 2. To be completed by NYS Workers' Compensation Board (Only if box "4b" of Part 1 has been checked)

State Of New York Workers' Compensation Board	
According to information maintained by the NYS Workers' Compensation Board, the above-named employer has complied with the NYS Disability Benefits Law with respect to all of his/her employees.	
Date Signed _____	By _____ (Signature of NYS Workers' Compensation Board Employee)
Telephone Number _____	Title _____

Please Note: Only insurance carriers licensed to write NYS disability benefits insurance policies and NYS licensed insurance agents of those insurance carriers are authorized to issue Form DB-120.1. **Insurance brokers are NOT authorized to issue this form.**

Additional Instructions for Form DB-120.1

By signing this form, the insurance carrier identified in box "3" on this form is certifying that it is insuring the business referenced in box "1a" for disability benefits under the New York State Disability Benefits Law. The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed as the certificate holder in box "2". *This Certificate is valid for the earlier of one year after this form is approved by the insurance carrier or its licensed agent, or the policy expiration date listed in box "3c".*

Please Note: Upon the cancellation of the disability benefits policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of NYS Disability Benefits Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Disability Benefits Law.

DISABILITY BENEFITS LAW

§220. Subd. 8

(a) The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any disability benefits to any such employee if so employed.

(b) The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article.

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD

CERTIFICATE OF NYS WORKERS' COMPENSATION INSURANCE COVERAGE

1a. Legal Name & Address of Insured (Use street address only) Maguire Family Properties, Inc. 770 Rock Beach Road Rochester, NY 14617 <i>Work Location of Insured (Only required if coverage is specifically limited to certain locations in New York State, i.e., a Wrap-Up Policy)</i>	1b. Business Telephone Number of Insured 585 – 338 – 2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured 46-23561 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1418738, 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Dept of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Phoenix Insurance Company 3b. Policy Number of entity listed in box "1a" YNUB3536R64113 3c. Policy effective period ____ 7/1/13 ____ to ____ 7/1/14 ____ 3d. The Proprietor, Partners or Executive Officers are <input checked="" type="checkbox"/> included. (Only check box if all partners/officers included) <input type="checkbox"/> all excluded or certain partners/officers excluded.

This certifies that the insurance carrier indicated above in box "3" insures the business referenced above in box "1a" for workers' compensation under the New York State Workers' Compensation Law. (To use this form, New York (NY) must be listed under **Item 3A** on the **INFORMATION PAGE** of the workers' compensation insurance policy). The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed above as the certificate holder in box "2".

The Insurance Carrier will also notify the above certificate holder within 10 days IF a policy is canceled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from the coverage indicated on this Certificate. (These notices may be sent by regular mail.) Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in box "3c", whichever is earlier.

Please Note: Upon the cancellation of the workers' compensation policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of Workers' Compensation Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Workers' Compensation Law.

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has the coverage as depicted on this form.

Approved by: _____
Barry York, Inc.
(Print name of authorized representative or licensed agent of insurance carrier)
July 16, 2013
Approved by: _____
(Signature) (Date)
Agent
Title: _____

585-641-0700

Telephone Number of authorized representative or licensed agent of insurance carrier: _____

Please Note: Only insurance carriers and their licensed agents are authorized to issue Form C-105.2. Insurance brokers are **NOT** authorized to issue it.

C-105.2

www.wcb.state.ny.us

(9-07)

Section 57. Restriction on issue of permits and the entering into contracts unless compensation is secured.

1. The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any compensation to any such employee if so employed.
2. The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter.

Summary of Known Contaminants

Former Alliance Metal Stamping & Fabrication Facility Site
12 Pixley Industrial Parkway
Gates, New York

Sample Medium	Maximum Concentrations Detected in Groundwater During Previous Environmental Investigations (monitoring well samples collected from 1992 through 2010, all site wells)	Investigation wastewater sample (well development water and sampling event purge water collected from site monitoring wells in June 2013)
Concentration Units	Milligrams per Liter (mg/L) except for pH (reported in pH Standard Units)	
<u>Chemical Analyte(s)</u>		
Volatile Organic Compounds (VOCs)		
1,1,1-Trichloroethane (1,1,1-TCA)	130.0	0.131
1,1-Dichloroethane (1,1-DCA)	0.980	0.011
1,1-Dichloroethene (1,1-DCE)	0.150	0.002
Tetrachloroethylene (PCE)	0.417	0.010
Trichloroethylene (TCE)	0.430	ND (<0.002)
cis-1,2-Dichloroethylene (cis-1,2-DCE)	0.049	NA
Benzene	0.039	ND (<0.0007)
Toluene	0.400	ND (<0.002)
Ethylbenzene	0.033	0.006
Xylenes	0.021	NA
Total VOCs		0.160
Semi-volatiles (SVOCs)	ND	ND (<0.02)
Pesticides	ND	ND (<0.001)
PCBs	ND	ND (<0.0001)
Petroleum Hydrocarbons (TPH)	ND	ND (<5)
pH		7.83
Metals		
Arsenic (As)	ND	ND (<0.01)
Cadmium (Cd)	ND	ND (<0.005)
Chromium (Cr)	0.65	ND (<0.01)
Copper (Cu)	0.89	ND (<0.025)
Lead (Pb)	7.28	ND (<0.01)
Mercury (Hg)	0.0027	NA
Nickel (Ni)	0.66	ND (<0.04)
Silver (Ag)	ND	ND (<0.01)
Zinc (Zn)	44.9	ND (<0.06)

Key:

ND = Not detected above laboratory detection/quantification limits

NA = Not analyzed



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

132295

Referencing

AMSF

Prepared

Monday, July 01, 2013

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, slanted strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

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



Lab Project ID: 132295

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Date/Time Sampled: 6/21/2013 15:45

Matrix: Wastewater

Date Received: 6/24/2013

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date/Time Analyzed</u>
Arsenic	< 0.0100	mg/L		6/25/2013 17:51
Cadmium	< 0.00500	mg/L		6/25/2013 17:51
Chromium	< 0.0100	mg/L		6/25/2013 17:51
Copper	< 0.0250	mg/L		6/25/2013 17:51
Lead (Axial)	< 0.0100	mg/L		6/25/2013 17:51
Nickel	< 0.0400	mg/L		6/25/2013 17:51
Silver	< 0.0100	mg/L		6/25/2013 17:51
Zinc	< 0.0600	mg/L		6/25/2013 17:51

Method Reference(s): EPA 200.7

Data File: 062513b

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date/Time Analyzed</u>
PCB-1016	< 0.100	ug/L		6/26/2013 20:49
PCB-1221	< 0.100	ug/L		6/26/2013 20:49
PCB-1232	< 0.100	ug/L		6/26/2013 20:49
PCB-1242	< 0.100	ug/L		6/26/2013 20:49
PCB-1248	< 0.100	ug/L		6/26/2013 20:49
PCB-1254	< 0.100	ug/L		6/26/2013 20:49
PCB-1260	< 0.100	ug/L		6/26/2013 20:49

Method Reference(s): EPA 608

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date/Time Analyzed</u>
4,4-DDD	< 0.100	ug/L		6/27/2013 01:02
4,4-DDE	< 0.100	ug/L		6/27/2013 01:02
4,4-DDT	< 0.100	ug/L		6/27/2013 01:02
Aldrin	< 0.100	ug/L		6/27/2013 01:02
alpha-BHC	< 0.100	ug/L		6/27/2013 01:02
beta-BHC	< 0.100	ug/L		6/27/2013 01:02

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



Lab Project ID: 132295

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Matrix: Wastewater

Date/Time Sampled: 6/21/2013 15:45

Date Received: 6/24/2013

cis-Chlordane	< 0.100	ug/L	6/27/2013 01:02
delta-BHC	< 0.100	ug/L	6/27/2013 01:02
Dieldrin	< 0.100	ug/L	6/27/2013 01:02
Endosulfan I	< 0.100	ug/L	6/27/2013 01:02
Endosulfan II	< 0.100	ug/L	6/27/2013 01:02
Endosulfan Sulfate	< 0.100	ug/L	6/27/2013 01:02
Endrin	< 0.100	ug/L	6/27/2013 01:02
Endrin Aldehyde	< 0.100	ug/L	6/27/2013 01:02
Endrin Ketone	< 0.100	ug/L	6/27/2013 01:02
gamma-BHC (Lindane)	< 0.100	ug/L	6/27/2013 01:02
Heptachlor	< 0.100	ug/L	6/27/2013 01:02
Heptachlor Epoxide	< 0.100	ug/L	6/27/2013 01:02
Methoxychlor	< 0.100	ug/L	6/27/2013 01:02
Toxaphene	< 1.00	ug/L	6/27/2013 01:02
trans-Chlordane	< 0.100	ug/L	6/27/2013 01:02

Method Reference(s): EPA 608

pH

Analyte	Result	Units	Qualifier	Date/Time Analyzed
pH	7.83 @ 18.1 C	S.U.		6/24/2013 11:23

Method Reference(s): SM 4500 H+ B

Semi-Volatile Organics (Acids)

Analyte	Result	Units	Qualifier	Date/Time Analyzed
2,4,6-Trichlorophenol	< 10.0	ug/L		6/29/2013 02:18
2,4-Dichlorophenol	< 10.0	ug/L		6/29/2013 02:18
2,4-Dimethylphenol	< 10.0	ug/L		6/29/2013 02:18
2,4-Dinitrophenol	< 20.0	ug/L		6/29/2013 02:18
2-Chlorophenol	< 10.0	ug/L		6/29/2013 02:18
2-Nitrophenol	< 10.0	ug/L		6/29/2013 02:18
4,6-Dinitro-2-methylphenol	< 20.0	ug/L		6/29/2013 02:18
4-Chloro-3-methylphenol	< 10.0	ug/L		6/29/2013 02:18

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Lab Project ID: 132295

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Date/Time Sampled: 6/21/2013 15:45

Matrix: Wastewater

Date Received: 6/24/2013

4-Nitrophenol	< 20.0	ug/L	6/29/2013 02:18
Pentachlorophenol	< 20.0	ug/L	6/29/2013 02:18
Phenol	< 10.0	ug/L	6/29/2013 02:18

Method Reference(s): EPA 625

Data File: S70590.D

Semi-Volatile Organics (Base Neutrals)

Analyte	Result	Units	Qualifier	Date/Time Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		6/29/2013 03:54
1,2-Dichlorobenzene	< 10.0	ug/L		6/29/2013 03:54
1,3-Dichlorobenzene	< 10.0	ug/L		6/29/2013 03:54
1,4-Dichlorobenzene	< 10.0	ug/L		6/29/2013 03:54
2,4-Dinitrotoluene	< 10.0	ug/L		6/29/2013 03:54
2,6-Dinitrotoluene	< 10.0	ug/L		6/29/2013 03:54
2-Chloronaphthalene	< 10.0	ug/L		6/29/2013 03:54
3,3'-Dichlorobenzidine	< 10.0	ug/L		6/29/2013 03:54
4-Bromophenyl phenyl ether	< 10.0	ug/L		6/29/2013 03:54
4-Chlorophenyl phenyl ether	< 10.0	ug/L		6/29/2013 03:54
Acenaphthene	< 10.0	ug/L		6/29/2013 03:54
Acenaphthylene	< 10.0	ug/L		6/29/2013 03:54
Anthracene	< 10.0	ug/L		6/29/2013 03:54
Benzidine	< 20.0	ug/L		6/29/2013 03:54
Benzo (a) anthracene	< 10.0	ug/L		6/29/2013 03:54
Benzo (a) pyrene	< 10.0	ug/L		6/29/2013 03:54
Benzo (b) fluoranthene	< 10.0	ug/L		6/29/2013 03:54
Benzo (g,h,i) perylene	< 10.0	ug/L		6/29/2013 03:54
Benzo (k) fluoranthene	< 10.0	ug/L		6/29/2013 03:54
Bis (2-chloroethoxy) methane	< 10.0	ug/L		6/29/2013 03:54
Bis (2-chloroethyl) ether	< 10.0	ug/L		6/29/2013 03:54
Bis (2-chloroisopropyl) ether	< 10.0	ug/L		6/29/2013 03:54
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L		6/29/2013 03:54
Butylbenzylphthalate	< 10.0	ug/L		6/29/2013 03:54

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



Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Matrix: Wastewater

Date/Time Sampled: 6/21/2013 15:45

Date Received: 6/24/2013

Chrysene	< 10.0	ug/L	6/29/2013 03:54
Dibenz (a,h) anthracene	< 10.0	ug/L	6/29/2013 03:54
Diethyl phthalate	< 10.0	ug/L	6/29/2013 03:54
Dimethyl phthalate	< 20.0	ug/L	6/29/2013 03:54
Di-n-butyl phthalate	< 10.0	ug/L	6/29/2013 03:54
Di-n-octylphthalate	< 10.0	ug/L	6/29/2013 03:54
Fluoranthene	< 10.0	ug/L	6/29/2013 03:54
Fluorene	< 10.0	ug/L	6/29/2013 03:54
Hexachlorobenzene	< 10.0	ug/L	6/29/2013 03:54
Hexachlorobutadiene	< 10.0	ug/L	6/29/2013 03:54
Hexachlorocyclopentadiene	< 10.0	ug/L	6/29/2013 03:54
Hexachloroethane	< 10.0	ug/L	6/29/2013 03:54
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	6/29/2013 03:54
Isophorone	< 10.0	ug/L	6/29/2013 03:54
Naphthalene	< 10.0	ug/L	6/29/2013 03:54
Nitrobenzene	< 10.0	ug/L	6/29/2013 03:54
N-Nitrosodimethylamine	< 10.0	ug/L	6/29/2013 03:54
N-Nitroso-di-n-propylamine	< 10.0	ug/L	6/29/2013 03:54
N-Nitrosodiphenylamine	< 10.0	ug/L	6/29/2013 03:54
Phenanthrene	< 10.0	ug/L	6/29/2013 03:54
Pyrene	< 10.0	ug/L	6/29/2013 03:54

Method Reference(s): EPA 625

Data File: S70593.D

Total Petroleum Hydrocarbons (Gravimetric)

Analyte	Result	Units	Qualifier	Date/Time Analyzed
Total Petroleum Hydrocarbon (Silica Gel / HEM)	<5.0	mg/L		6/25/2013
Method Reference(s): EPA 1664A				
Subcontractor ELAP ID: 10142				

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



Lab Project ID: 132295

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Matrix: Wastewater

Date/Time Sampled: 6/21/2013 15:45

Date Received: 6/24/2013

Volatile Organics

Analyte	Result	Units	Qualifier	Date/Time Analyzed
1,1,1-Trichloroethane	131	ug/L		6/25/2013 17:23
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		6/25/2013 17:23
1,1,2-Trichloroethane	< 2.00	ug/L		6/25/2013 17:23
1,1-Dichloroethane	11.0	ug/L		6/25/2013 17:23
1,1-Dichloroethene	2.09	ug/L		6/25/2013 17:23
1,2-Dichlorobenzene	< 2.00	ug/L		6/25/2013 17:23
1,2-Dichloroethane	< 2.00	ug/L		6/25/2013 17:23
1,2-Dichloropropane	< 2.00	ug/L		6/25/2013 17:23
1,3-Dichlorobenzene	< 2.00	ug/L		6/25/2013 17:23
1,4-Dichlorobenzene	< 2.00	ug/L		6/25/2013 17:23
2-Chloroethyl vinyl Ether	< 10.0	ug/L		6/25/2013 17:23
Benzene	< 0.700	ug/L		6/25/2013 17:23
Bromodichloromethane	< 2.00	ug/L		6/25/2013 17:23
Bromoform	< 5.00	ug/L		6/25/2013 17:23
Bromomethane	< 2.00	ug/L		6/25/2013 17:23
Carbon Tetrachloride	< 2.00	ug/L		6/25/2013 17:23
Chlorobenzene	< 2.00	ug/L		6/25/2013 17:23
Chloroethane	< 2.00	ug/L		6/25/2013 17:23
Chloroform	< 2.00	ug/L		6/25/2013 17:23
Chloromethane	< 2.00	ug/L		6/25/2013 17:23
cis-1,3-Dichloropropene	< 2.00	ug/L		6/25/2013 17:23
Dibromochloromethane	< 2.00	ug/L		6/25/2013 17:23
Ethylbenzene	6.10	ug/L		6/25/2013 17:23
Methylene chloride	< 5.00	ug/L		6/25/2013 17:23
Tetrachloroethene	9.77	ug/L		6/25/2013 17:23
Toluene	< 2.00	ug/L		6/25/2013 17:23
trans-1,2-Dichloroethene	< 2.00	ug/L		6/25/2013 17:23
trans-1,3-Dichloropropene	< 2.00	ug/L		6/25/2013 17:23

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



Lab Project ID: 132295

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF - Frac Tank

Lab Sample ID: 132295-01

Matrix: Wastewater

Date/Time Sampled: 6/21/2013 15:45

Date Received: 6/24/2013

Trichloroethene	< 2.00	ug/L	6/25/2013 17:23
Trichlorofluoromethane	< 2.00	ug/L	6/25/2013 17:23
Vinyl chloride	< 2.00	ug/L	6/25/2013 17:23

Method Reference(s): EPA 624

Data File: X06289.D

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



Analytical Report Appendix

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

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"V" = Sample concentration is >10 times the spike. No meaningful Spike Recovery can be calculated.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"C" = Concentration differs by more than 40% between the primary and secondary analytical columns.



PARADIGM
TECHNOLOGY, INC.

[illegible]

Sampled By	<i>[Signature]</i>	Date/Time	6/24/2013 0805	Total Cost:	
Relinquished By	<i>[Signature]</i>	Date/Time	6/24/13 0805		
Received By	<i>[Signature]</i>	Date/Time	6/24/13 805	P.I.F.	
Received By	<i>[Signature]</i>	Date/Time	6/24/13 1045		



Chain of Custody Supplement

Client: StantecCompleted by: EAHLab Project ID: 132295Date: 6/24

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> Voas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/> Met. TPH VOA Pest	<input checked="" type="checkbox"/> -625 2ml 5% NaOH soln added to bring pH to 7-10 Range	<input checked="" type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input checked="" type="checkbox"/> -625 Pest	<input checked="" type="checkbox"/>
Comments	624: POS. 2ml 10% Na ₂ S ₂ O ₃ soln added		
Holding Time	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> -pH	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> -Met
Comments	20Ciced		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			



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

CHAIN OF CUSTODY

10/1
ENVIROTEST: ELAP ID: 10142

REPORT TO:		INVOICE TO:	
COMPANY: Paradigm Environmental	ADDRESS:	COMPANY: Same	ADDRESS:
CITY:	STATE: ZIP:	CITY:	STATE: ZIP:
PHONE:	FAX:	PHONE:	FAX:
ATTN: Kate Hansen		ATTN: Meredith Dillman	
COMMENTS: Please email results to khansen@paradigmenv.com and jdaloia@paradigmenv.com		LAB PROJECT #: 67363-3 CLIENT PROJECT #: TURNAROUND TIME: (WORKING DAYS) RUSH STD 22 EHN OTHER 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>	

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R	REMARKS	PARADIGM LAB SAMPLE NUMBER
6/27/13	1545			132295-01	Wtd	1 X	TPH 1604	
2								
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY BELOW THIS LINE
Sample Condition: Per NELAC ELAP 210241242/243/244

Receipt Parameter	NE/LAC Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature:	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Comments:	15.7

Client	Sampled By	Date/Time	Total Cost:
	Elizabeth A Honck	6/27/13 16:00	
	Relinquished By	Date/Time	
	Received By	Date/Time	P.L.F.
	Received @ Lab By	Date/Time	
		6/25 10:20	

CK# 2157
Received 7/22/13

SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. 8571

ST-Permit No: ST-240

Expires: 10/31/13

Firm Name Maguire Family Properties, Inc. Fee: \$125.00
Address Site address: 12 Pirley Industrial Parkway, Gates, NY 14624
Mailing address: 770 Rock Beach Road, Rochester, NY 14617

Type of Business or Service _____

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated July 8, 2013 and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) _____

Applicant's Signature James P. Maguire Date 7/9/13

Applicant's Title Pres. Phone (585) 338-2269

Emergency Contact _____ Phone _____

Renewal Approved by Michael J. Garland Issued this 22 day of July 20 13

Michael J. Garland, P.E.
Director of Environmental Services-Pure Waters
Monroe County

COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE

Maguire Family Properties, Inc.
770 Rock Beach Rd
Rochester, NY 14617

PERMIT NUMBER: ST-240
DISTRICT NUMBER: 8575

SITE LOCATION: 12 Pixley Industrial Parkway
Gates, NY 14624

Source of Discharge (Sample point): Frac Tank

REQUIREMENTS

SELF MONITORING FREQUENCY: 1. **Each and Every Batch Discharge**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. A grab sample, collected from the above noted sample point shall be analyzed for the following:

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. All analysis must be performed using wastewater testing methods. A grab sample, collected from the above noted sample point, must be analyzed for the following:

<u>Metals</u>	<u>Limit mg/l</u>
Cadmium (Cd)	1.0
Chromium (Cr)	3.0
Copper (Cu)	3.0
Lead (Pb)	1.0
Nickel (Ni)	3.0
Silver (Ag)	2.0
Zinc (Zn)	5.0
Arsenic (As)	0.5

- *Volatile Organic Compounds (VOC's)
- *Semi-volatile Organic Compounds (SVOC's)
- *Pesticides and PCB's
- **Total Petroleum Hydrocarbons (TPH)

***The summation of the VOC's, SVOC's, Pesticides and PCB's which are detected at or greater than 10 µg/L cannot exceed 2.13 mg/L.**

**** The limit for TPH is 100 mg/l.**

SPECIAL CONDITIONS:

1. Sample results for each batch discharge must be reviewed and approved by Monroe County prior to discharge to the sanitary sewer.
2. All future discharges must be approved by Monroe County.
3. Discharge rate is not to exceed 40 gpm.



Stantec Consulting Services Inc.

61 Commercial Street, Suite 100, Rochester NY 14614-1009

May 2, 2014
File: 190500647

Attention: Ms. Erin Magee

Monroe County Department of Environmental Services
Industrial Waste Control
145 Paul Road, Bldg. 1
Rochester, NY 14624

Dear Erin,

Reference: Specialty Short Term Discharge Permit Application

Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York

On behalf of Maguire Family Properties, Inc. (Maguire), Stantec Consulting Services Inc. (Stantec) presents this application for a Specialty Short Term Discharge Permit for the Maguire Family Properties, Inc. facility located at 12 Pixley Industrial Parkway in the Town of Gates (the site).

A. Environmental Representative

Stantec Consulting Services, Inc.
61 Commercial Street
Rochester, New York 14614

B. Contact Person

Thomas D. Wells (Stantec)
Phone: (585) 413-5271
Fax: (585) 272-1814
Cell phone: (585) 752-7335
email: Tom.Wells@stantec.com

C. Site Name and Address

Discharge location:
Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York 14624

Mailing address for correspondence:
Maguire Family Properties, Inc.
770 Rock Beach Road
Rochester, New York 14617
Attn: Dennis P. Maguire, President



Reference: Specialty Short Term Discharge Permit Application

D. Site History

The property is the site of the former Alliance Metal Stamping & Fabrication (AMSF) industrial facility. The facility consists of a 120,000 sq. ft. building on a 7 acre property. The AMSF facility was constructed in 1967, before which the property was undeveloped agricultural land. Metalworking and related manufacturing operations were discontinued by AMSF in 1994. Since 1995, the property has been owned by Maguire Family Properties, Inc., which leases individual spaces in the facility to several light industrial and commercial tenants.

The permit would cover discharge of investigation-derived wastewater collected during a remedial investigation of environmental conditions at the site. The investigation is being conducted under the New York State Department of Environmental Conservation's Brownfield Cleanup Program (BCP site number C828101). The wastewater includes drilling water and groundwater pumped during the development of newly installed monitoring wells and groundwater purged from both the new wells and previously existing wells during groundwater sampling events.

The discharge covered by this application represents the second discharge of investigation-derived wastewater for the project. The first discharge was performed under Short term permit number ST-240 approved on July 22, 2013.

E. Site Contaminants

Environmental investigations performed at the site beginning in 1992 has identified the presence of contamination of groundwater by chlorinated volatile organic compounds (VOCs), primarily 1,1,1-trichloroethane (1,1,1-TCA). The attached table presents a summary of the maximum concentration of individual contaminants detected in all previous groundwater samples collected at the site.

A sample of the wastewater currently awaiting discharge was collected for analysis in accordance with the County's specifications for analysis parameters and methods. Results are summarized on the attached table, and a copy of the laboratory report for the sample is attached. As shown in the attached table and lab report, VOCs were the only contaminants detected. The sum of the concentrations of the individual VOCs detected was 1.31 milligrams per liter (mg/L), which is below the County's 2.13 mg/L threshold for requiring treatment prior to discharge.

F. Quantity of Wastewater to be Discharged

An initial volume of approximately 3,100 gallons of wastewater is awaiting discharge (currently stored on site in a rented tank). This application is also meant to cover a second volume of approximately 100 gallons of drummed groundwater that will not be discharged until after a groundwater sampling event scheduled for the week of May 12, 2014 is completed.



May 2, 2014
Ms. Erin Magee
Page 3

Reference: Specialty Short Term Discharge Permit Application

G. Method of Treatment

Not applicable. (No treatment is proposed.)

H. Method of Controlling Solids Discharge

Not applicable. (No solids discharge is anticipated.)

I. Expected date of Discharge

The discharge of the initial 3,100 gallons will be scheduled pending approval of the application. A tentative target date of Tuesday, May 6, 2014 is proposed. A tentative target date of Wednesday, May 14, 2014 is proposed for the second, smaller volume. Approval of a discharge rate of 20 to 40 gallons per minute is requested.

J. Project duration

The project should be completed by May 23, 2014.

Closing

With the County's approval, we will plan to deliver a check for the permit fee of \$125 to the County's field inspector during the time of the field inspection.

Please contact the undersigned if you have any questions or require additional information.

Regards,

STANTEC CONSULTING SERVICES INC.

Thomas D. Wells

Senior Geologist
Phone: (585) 413-5271
Cell: (585) 752-7335
Tom.Wells@stantec.com

Attachments:

- Specialty Short Term Discharge Permit form
- Certificates of Insurance for Maguire Family Properties
- Table Summarizing Known Contaminant Concentrations
- Wastewater Sample Analysis Report



May 2, 2014
Ms. Erin Magee
Page 4

Reference: Specialty Short Term Discharge Permit Application

ec. D. Maguire, P. Sylvestri

wt \\us1275-f02\shared_projects\190500647\correspondence\monroe county\2014 short term sewer use permit\letter#2_12 pixley indust pkwy_5-2-2013.docx

Attachment 1

Specialty Short Term Discharge Permit form

SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. _____

ST- Permit No: _____

Expires: _____

Fee: \$125.00

Firm Name Maguire Family Properties, Inc.

Address Site address: 12 Pixley Industrial Parkway, Gates, New York 14624

Mailing address: 770 Rock Beach Road, Rochester, New York 14617

Type of Business or Service Multi-tenant commercial and light-industrial facility

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated May 2, 2014 and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) Dennis P. Maguire

Applicant's Signature Dennis P. Maguire Date 5/1/14

Applicant's Title President Phone (585) 338-2269

Emergency Contact AS ABOVE Phone _____

Renewal Approved by: _____ Issued this ____ day of ____ 20 ____.

Michael J. Garland, P.E.
Director of Environmental Services-Pure Waters
Monroe County

Attachment 2

Certificates of Insurance for Maguire Family Properties

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD
CERTIFICATE OF INSURANCE COVERAGE UNDER THE NYS DISABILITY BENEFITS LAW

PART 1. To be completed by Disability Benefits Carrier or Licensed Insurance Agent of that Carrier

1a. Legal Name and Address of Insured (Use street address only) MAGUIRE FAMILY PROPERTIES, INC 770 ROCK BEACH ROAD ROCHESTER, NY 14617	1b. Business Telephone Number of Insured 585-338-2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured PENDING 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Department of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Standard Security Life Insurance Company of New York 3b. Policy Number of entity listed in box "1a": D83150-000 3c. Policy effective period: <div style="text-align: center;">7/1/2002 to 7/15/2014</div>

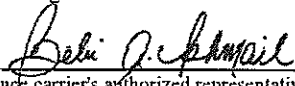
4. Policy covers:

- a. ☒ All of the employer's employees eligible under the New York Disability Benefits Law
- b. ☐ Only the following class or classes of the employer's employees:

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has NYS Disability Benefits insurance coverage as described above.

Date Signed 7/16/2013

By


Signature of insurance carrier's authorized representative or NYS Licensed Insurance Agent of that insurance carrier)

Telephone Number (212) 355-4141

Title SUPERVISOR-DBL/POLICY SERVICES

IMPORTANT: If box "4a" is checked, and this form is signed by the insurance carrier's authorized representative or NYS Licensed Insurance Agent of that carrier, this certificate is COMPLETE. Mail it directly to the certificate holder.

If box "4b" is checked, this certificate is NOT COMPLETE for purposes of Section 220, Subd. 8 of the Disability Benefits Law. It must be mailed for completion to the Workers' Compensation Board, DB Plans Acceptance Unit, 20 Park Street, Albany, New York 12207.

PART 2. To be completed by NYS Workers' Compensation Board (Only if box "4b" of Part 1 has been checked)

**State Of New York
Workers' Compensation Board**

According to information maintained by the NYS Workers' Compensation Board, the above-named employer has complied with the NYS Disability Benefits Law with respect to all of his/her employees.

Date Signed _____

By _____

(Signature of NYS Workers' Compensation Board Employee)

Telephone Number _____

Title _____

Please Note: Only insurance carriers licensed to write NYS disability benefits insurance policies and NYS licensed insurance agents of those insurance carriers are authorized to issue Form DB-120.1. **Insurance brokers are NOT authorized to issue this form.**

Additional Instructions for Form DB-120.1

By signing this form, the insurance carrier identified in box "3" on this form is certifying that it is insuring the business referenced in box "1a" for disability benefits under the New York State Disability Benefits Law. The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed as the certificate holder in box "2". *This Certificate is valid for the earlier of one year after this form is approved by the insurance carrier or its licensed agent, or the policy expiration date listed in box "3c".*

Please Note: Upon the cancellation of the disability benefits policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of NYS Disability Benefits Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Disability Benefits Law.

DISABILITY BENEFITS LAW

§220. Subd. 8

(a) The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any disability benefits to any such employee if so employed.

(b) The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article.

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD

CERTIFICATE OF NYS WORKERS' COMPENSATION INSURANCE COVERAGE

1a. Legal Name & Address of Insured (Use street address only) Maguire Family Properties, Inc. 770 Rock Beach Road Rochester, NY 14617 <i>Work Location of Insured (Only required if coverage is specifically limited to certain locations in New York State, i.e., a Wrap-Up Policy)</i>	1b. Business Telephone Number of Insured 585 – 338 – 2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured 46-23561 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1418738, 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Dept of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Phoenix Insurance Company 3b. Policy Number of entity listed in box "1a" YNUB3536R64113 3c. Policy effective period ____ 7/1/13 ____ to ____ 7/1/14 ____ 3d. The Proprietor, Partners or Executive Officers are <input checked="" type="checkbox"/> included. (Only check box if all partners/officers included) <input type="checkbox"/> all excluded or certain partners/officers excluded.

This certifies that the insurance carrier indicated above in box "3" insures the business referenced above in box "1a" for workers' compensation under the New York State Workers' Compensation Law. (To use this form, New York (NY) must be listed under **Item 3A** on the **INFORMATION PAGE** of the workers' compensation insurance policy). The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed above as the certificate holder in box "2".

The Insurance Carrier will also notify the above certificate holder within 10 days IF a policy is canceled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from the coverage indicated on this Certificate. (These notices may be sent by regular mail.) Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in box "3c", whichever is earlier.

Please Note: Upon the cancellation of the workers' compensation policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of Workers' Compensation Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Workers' Compensation Law.

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has the coverage as depicted on this form.

Barry York, Inc.

Approved by: _____
(Print name of authorized representative or licensed agent of insurance carrier)
July 16, 2013

Approved by: _____
(Signature) _____ (Date)

Title: _____

585-641-0700

Telephone Number of authorized representative or licensed agent of insurance carrier: _____

Please Note: Only insurance carriers and their licensed agents are authorized to issue Form C-105.2. Insurance brokers are **NOT** authorized to issue it.

C-105.2

www.wcb.state.ny.us

(9-07)

Section 57. Restriction on issue of permits and the entering into contracts unless compensation is secured.

1. The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any compensation to any such employee if so employed.
2. The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter.

Attachment 3

Table Summarizing Known Contaminant Concentrations

Summary of Known Contaminants
Former Alliance Metal Stamping & Fabrication Facility Site
12 Pixley Industrial Parkway, Gates, New York

Sample Medium	Maximum Concentrations Detected in Groundwater During Previous Environmental Investigations (monitoring well samples collected from 1992 through 2013, all site wells)	Investigation wastewater sample AMSF-WW-2 (well development water collected from site monitoring wells in April 2014)
Concentration Units	Milligrams per Liter (mg/L) except for pH (reported in pH Standard Units)	
<u>Chemical Analyte(s)</u>		
Volatile Organic Compounds (VOCs)		
1,1,1-Trichloroethane (1,1,1-TCA)	130.0	1.110
1,1-Dichloroethane (1,1-DCA)	0.980	0.178
1,1-Dichloroethene (1,1-DCE)	0.150	0.020
Tetrachloroethylene (PCE)	0.417	ND (<0.02)
Trichloroethylene (TCE)	0.430	ND (<0.02)
cis-1,2-Dichloroethylene (cis-1,2-DCE)	0.049	NA
Benzene	0.039	ND (<0.007)
Toluene	0.400	ND (<0.02)
Ethylbenzene	0.033	ND (<0.02)
Xylenes	0.021	NA
Total VOCs		1.308
Semi-volatiles (SVOCs)	ND	ND (<0.02)
Pesticides:	ND	
Endrin Aldehyde		0.000137
trans-Chlordane		0.0000531
Toxaphene		ND (<0.001)
Other Pesticides		ND (<0.0001)
PCBs	ND	ND (<0.001)
Petroleum Hydrocarbons (TPH)	ND	ND (<1)
pH		7.42
Metals		
Arsenic (As)	ND	ND (<0.01)
Cadmium (Cd)	ND	ND (<0.005)
Chromium (Cr)	0.65	ND (<0.01)
Copper (Cu)	0.89	ND (<0.025)
Lead (Pb)	7.28	ND (<0.01)
Mercury (Hg)	0.0027	NA
Nickel (Ni)	0.66	ND (<0.04)
Silver (Ag)	ND	ND (<0.01)
Zinc (Zn)	44.9	0.0921

ND = Not detected above laboratory detection/quantification limits

NA = Not analyzed

Attachment 4
Wastewater Sample Analysis Report for
Wastewater Sample AMSF – WW - 2



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	< 0.0100	mg/L		4/29/2014
Cadmium	< 0.00500	mg/L		4/29/2014
Chromium	< 0.0100	mg/L		4/29/2014
Copper	< 0.0250	mg/L		4/29/2014
Lead	< 0.0100	mg/L		4/29/2014
Nickel	< 0.0400	mg/L		4/29/2014
Silver	< 0.0100	mg/L		4/29/2014
Zinc	0.0921	mg/L		4/29/2014

Method Reference(s): EPA 200.7

Data File: 042914a

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
PCB-1016	< 1.00	ug/L		5/1/2014
PCB-1221	< 1.00	ug/L		5/1/2014
PCB-1232	< 1.00	ug/L		5/1/2014
PCB-1242	< 1.00	ug/L		5/1/2014
PCB-1248	< 1.00	ug/L		5/1/2014
PCB-1254	< 1.00	ug/L		5/1/2014
PCB-1260	< 1.00	ug/L		5/1/2014
Method Reference(s):	EPA 608			

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
4,4-DDD	< 0.100	ug/L		4/29/2014
4,4-DDE	< 0.100	ug/L		4/29/2014
4,4-DDT	< 0.100	ug/L		4/29/2014
Aldrin	< 0.100	ug/L		4/29/2014
alpha-BHC	< 0.100	ug/L		4/29/2014
beta-BHC	< 0.100	ug/L		4/29/2014
cis-Chlordane	< 0.100	ug/L		4/29/2014
delta-BHC	< 0.100	ug/L		4/29/2014
Dieldrin	< 0.100	ug/L		4/29/2014
Endosulfan I	< 0.100	ug/L		4/29/2014
Endosulfan II	< 0.100	ug/L		4/29/2014
Endosulfan Sulfate	< 0.100	ug/L		4/29/2014
Endrin	< 0.100	ug/L		4/29/2014
Endrin Aldehyde	0.137	ug/L		4/29/2014
Endrin Ketone	< 0.100	ug/L		4/29/2014
gamma-BHC (Lindane)	< 0.100	ug/L		4/29/2014
Heptachlor	< 0.100	ug/L		4/29/2014
Heptachlor Epoxide	< 0.100	ug/L		4/29/2014
Methoxychlor	< 0.100	ug/L		4/29/2014
Toxaphene	< 1.00	ug/L		4/29/2014
trans-Chlordane	0.0530	ug/L	J	4/29/2014
Method Reference(s):	EPA 608			

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		4/29/2014
1,2-Dichlorobenzene	< 10.0	ug/L		4/29/2014
1,3-Dichlorobenzene	< 10.0	ug/L		4/29/2014
1,4-Dichlorobenzene	< 10.0	ug/L		4/29/2014
2,4,6-Trichlorophenol	< 10.0	ug/L		4/29/2014
2,4-Dichlorophenol	< 10.0	ug/L		4/29/2014
2,4-Dimethylphenol	< 10.0	ug/L		4/29/2014
2,4-Dinitrophenol	< 20.0	ug/L		4/29/2014
2,4-Dinitrotoluene	< 10.0	ug/L		4/29/2014
2,6-Dinitrotoluene	< 10.0	ug/L		4/29/2014
2-Chloronaphthalene	< 10.0	ug/L		4/29/2014
2-Chlorophenol	< 10.0	ug/L		4/29/2014
2-Nitrophenol	< 10.0	ug/L		4/29/2014
3,3'-Dichlorobenzidine	< 10.0	ug/L		4/29/2014
4,6-Dinitro-2-methylphenol	< 20.0	ug/L		4/29/2014
4-Bromophenyl phenyl ether	< 10.0	ug/L		4/29/2014
4-Chloro-3-methylphenol	< 10.0	ug/L		4/29/2014
4-Chlorophenyl phenyl ether	< 10.0	ug/L		4/29/2014
4-Nitrophenol	< 20.0	ug/L		4/29/2014
Acenaphthene	< 10.0	ug/L		4/29/2014
Acenaphthylene	< 10.0	ug/L		4/29/2014
Anthracene	< 10.0	ug/L		4/29/2014
Benzidine	< 20.0	ug/L		4/29/2014
Benzo (a) anthracene	< 10.0	ug/L		4/29/2014
Benzo (a) pyrene	< 10.0	ug/L		4/29/2014
Benzo (b) fluoranthene	< 10.0	ug/L		4/29/2014
Benzo (g,h,i) perylene	< 10.0	ug/L		4/29/2014

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Date Sampled: 4/24/2014

Matrix: Wastewater

Date Received: 4/24/2014

Benzo (k) fluoranthene	< 10.0	ug/L		4/29/2014
Bis (2-chloroethoxy) methane	< 10.0	ug/L		4/29/2014
Bis (2-chloroethyl) ether	< 10.0	ug/L		4/29/2014
Bis (2-chloroisopropyl) ether	< 10.0	ug/L		4/29/2014
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L		4/29/2014
Butylbenzylphthalate	< 10.0	ug/L		4/29/2014
Chrysene	< 10.0	ug/L		4/29/2014
Dibenz (a,h) anthracene	< 10.0	ug/L		4/29/2014
Diethyl phthalate	< 10.0	ug/L		4/29/2014
Dimethyl phthalate	< 20.0	ug/L		4/29/2014
Di-n-butyl phthalate	< 10.0	ug/L		4/29/2014
Di-n-octylphthalate	< 10.0	ug/L		4/29/2014
Fluoranthene	< 10.0	ug/L		4/29/2014
Fluorene	< 10.0	ug/L		4/29/2014
Hexachlorobenzene	< 10.0	ug/L		4/29/2014
Hexachlorobutadiene	< 10.0	ug/L		4/29/2014
Hexachlorocyclopentadiene	< 10.0	ug/L		4/29/2014
Hexachloroethane	< 10.0	ug/L	L	4/29/2014
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		4/29/2014
Isophorone	< 10.0	ug/L		4/29/2014
Naphthalene	< 10.0	ug/L		4/29/2014
Nitrobenzene	< 10.0	ug/L		4/29/2014
N-Nitrosodimethylamine	< 10.0	ug/L		4/29/2014
N-Nitroso-di-n-propylamine	< 10.0	ug/L		4/29/2014
N-Nitrosodiphenylamine	< 10.0	ug/L		4/29/2014
Pentachlorophenol	< 20.0	ug/L		4/29/2014
Phenanthrene	< 10.0	ug/L		4/29/2014
Phenol	< 10.0	ug/L		4/29/2014
Pyrene	< 10.0	ug/L		4/29/2014

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Report Prepared Thursday, May 01, 2014



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

Method Reference(s): EPA 625
Data File: S76339.D

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: **Stantec**

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,1,1-Trichloroethane	1110	ug/L		4/25/2014
1,1,2,2-Tetrachloroethane	< 20.0	ug/L		4/25/2014
1,1,2-Trichloroethane	< 20.0	ug/L		4/25/2014
1,1-Dichloroethane	178	ug/L		4/25/2014
1,1-Dichloroethene	19.7	ug/L	J	4/25/2014
1,2-Dichlorobenzene	< 20.0	ug/L		4/25/2014
1,2-Dichloroethane	< 20.0	ug/L		4/25/2014
1,2-Dichloropropane	< 20.0	ug/L		4/25/2014
1,3-Dichlorobenzene	< 20.0	ug/L		4/25/2014
1,4-Dichlorobenzene	< 20.0	ug/L		4/25/2014
2-Chloroethyl vinyl Ether	< 100	ug/L		4/25/2014
Benzene	< 7.00	ug/L		4/25/2014
Bromodichloromethane	< 20.0	ug/L		4/25/2014
Bromoform	< 50.0	ug/L		4/25/2014
Bromomethane	< 20.0	ug/L		4/25/2014
Carbon Tetrachloride	< 20.0	ug/L		4/25/2014
Chlorobenzene	< 20.0	ug/L		4/25/2014
Chloroethane	< 20.0	ug/L		4/25/2014
Chloroform	< 20.0	ug/L		4/25/2014
Chloromethane	< 20.0	ug/L		4/25/2014
cis-1,3-Dichloropropene	< 20.0	ug/L		4/25/2014
Dibromochloromethane	< 20.0	ug/L		4/25/2014
Ethylbenzene	< 20.0	ug/L		4/25/2014
Methylene chloride	< 50.0	ug/L		4/25/2014
Tetrachloroethene	< 20.0	ug/L		4/25/2014
Toluene	< 20.0	ug/L		4/25/2014
trans-1,2-Dichloroethene	< 20.0	ug/L		4/25/2014

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Date Sampled: 4/24/2014

Matrix: Wastewater

Date Received: 4/24/2014

trans-1,3-Dichloropropene	< 20.0	ug/L	4/25/2014
Trichloroethene	< 20.0	ug/L	4/25/2014
Trichlorofluoromethane	< 20.0	ug/L	4/25/2014
Vinyl chloride	< 20.0	ug/L	4/25/2014
Method Reference(s):	EPA 624		
Data File:	x12819.D		

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Report Prepared Thursday, May 01, 2014



Lab Project ID: 141573

Client: Stantec

Project Reference: AMSF

Sample Identifier: AMSF-WW-2

Lab Sample ID: 141573-01

Matrix: Wastewater

Date Sampled: 4/24/2014

Date Received: 4/24/2014

pH

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
pH	7.42 @ 21.5 C	S.U.		4/24/2014
Method Reference(s):	SM 4500 H+ B			

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Report Prepared Thursday, May 01, 2014

Adirondack Environmental Services, Inc

Date: 29-Apr-14

CLIENT: Paradigm Environmental
Project: Analysis of Samples**LabWork Order:** 140425001
PO#:**Lab SampleID:** 140425001-001**Collection Date:** 4/24/2014**Client Sample ID:** 141573-01/AMSF-WW-2**Matrix:** WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

SILICA GEL TREATED HEM (SGT-HEM) - EPA 1664A

Analyst: KF

Total Petroleum Hydrocarbons	< 1.0	1.0		mg/L	1	4/29/2014
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Analytical Report Appendix

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

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.



REQUESTED ANALYSIS

Therese D. Wells

P.I.F.



Chain of Custody Supplement

Client: Stantec

Completed by: SSL

Lab Project ID: 141573

Date: 4/24/14

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> 624	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/>		
Preservation	<input checked="" type="checkbox"/> 624, TPH 1624	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/>		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> Post, 625	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<hr/> VOA: Cl ⁻ neg		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Metals
Comments	<hr/> 6°C iced sample hand delivered received 4/24 @ 1157		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<hr/>		



ADK 1-1-1

CHAIN OF CUSTODY

~~CONFIDENTIAL~~

rec'd check #1672
5/5/14
SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. 8575

ST-Permit No: ST-257

Expires: 5/31/14

Firm Name Maguire Family Properties, Inc.

Fee: \$125.00

Address Site address: 12 Poxley Industrial Parkway, Gates, New York 14624

Mailing address: 770 Rock Beach Road, Rochester, New York 14617

Type of Business or Service Multi-tenant commercial and light-industrial facility

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated May 2, 2014 and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) Dennis P. Maguire

Applicant's Signature Dennis P. Maguire Date 5/1/14

Applicant's Title President Phone (585) 338-2269

Emergency Contact As Above Phone _____

Renewal Approved by: Michael J. Garland
Michael J. Garland, P.E.
Director of Environmental Services-Pure Waters
Monroe County

Issued this 5 day of May 20 14

**COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE**

Maguire Family Properties, Inc.
770 Rock Beach Rd
Rochester, NY 14617

PERMIT NUMBER: ST-257
DISTRICT NUMBER: 8575

SITE LOCATION: 12 Pixley Industrial Parkway
Gates, NY 14624

Source of Discharge (Sample point): Frac Tank and Sample Drums

REQUIREMENTS

SELF MONITORING FREQUENCY: 1. Each and Every Batch Discharge

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. A grab sample, collected from the above noted sample point shall be analyzed for the following:

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. All analysis must be performed using wastewater testing methods. A grab sample, collected from the above noted sample point, must be analyzed for the following:

<u>Metals</u>	<u>Limit mg/l</u>
Cadmium (Cd)	1.0
Chromium (Cr)	3.0
Copper (Cu)	3.0
Lead (Pb)	1.0
Nickel (Ni)	3.0
Silver (Ag)	2.0
Zinc (Zn)	5.0
Arsenic (As)	0.5

- *Volatile Organic Compounds (VOC's)
- *Semi-volatile Organic Compounds (SVOC's)
- *Pesticides and PCB's
- **Total Petroleum Hydrocarbons (TPH)

*The summation of the VOC's, SVOC's, Pesticides and PCB's which are detected at or greater than 10 µg/L cannot exceed 2.13 mg/L.

** The limit for TPH is 100 mg/l.

SPECIAL CONDITIONS:

1. Sample results for each batch discharge must be reviewed and approved by Monroe County prior to discharge to the sanitary sewer.
2. All future discharges must be approved by Monroe County.
3. Discharge rate is not to exceed 40 gpm.



Stantec Consulting Services Inc.

61 Commercial Street, Suite 100, Rochester NY 14614-1009

May 23, 2014
File: 190500647

Attention: Ms. Erin Magee

Monroe County Department of Environmental Services
Industrial Waste Control
145 Paul Road, Bldg. 1
Rochester, NY 14624

Dear Erin,

Reference: Specialty Short Term Discharge Permit ST-257

Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York

On behalf of Maguire Family Properties, Inc. (Maguire), Stantec Consulting Services Inc. (Stantec) presents this request for approval to discharge a second batch of wastewater under the permit referenced above. This second batch, which should be the last, consists of drummed purge water (groundwater) and equipment rinse water from our groundwater sampling activities at the site. A laboratory analysis report for a sample of the drummed water is attached. As shown in the attached report, VOCs were the only contaminants detected. The sum of the concentrations of the individual VOCs detected was 0.063 milligrams per liter (mg/L), which is below the County's 2.13 mg/L threshold for requiring treatment prior to discharge.

Please contact the undersigned if you have any questions or require additional information.

Regards,

STANTEC CONSULTING SERVICES INC.

A handwritten signature in black ink, appearing to read "Tom Wells", with a horizontal line extending to the right.

Thomas D. Wells

Senior Geologist
Phone: (585) 413-5271
Cell: (585) 752-7335
Tom.Wells@stantec.com

Attachment: Wastewater Sample Analysis Report

cc. D. Maguire, P. Sylvestri, T. Schneider

Attachment

Wastewater Sample Analysis Report for
Sample Name: Wastewater-051314



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

141945

Referencing

Alliance

Prepared

Thursday, May 22, 2014

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, stylized strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

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

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

Lab Project ID: 141945

Client: Stantec
Project Reference: Alliance

Sample Identifier: Wastewater-051314

Lab Sample ID: 141945-01

Date Sampled: 5/13/2014

Matrix: Wastewater

Date Received: 5/14/2014

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Arsenic	< 0.0100	mg/L		5/19/2014 12:29
Cadmium	< 0.00500	mg/L		5/19/2014 12:29
Chromium	0.0109	mg/L		5/19/2014 12:29
Copper	< 0.0250	mg/L		5/19/2014 12:29
Lead	< 0.0100	mg/L		5/19/2014 12:29
Nickel	< 0.0400	mg/L		5/19/2014 12:29
Silver	< 0.0100	mg/L		5/19/2014 12:29
Zinc	0.0885	mg/L		5/19/2014 12:29

Method Reference(s): EPA 200.7

Data File: 051914a

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
PCB-1016	< 1.00	ug/L		5/17/2014 16:32
PCB-1221	< 1.00	ug/L		5/17/2014 16:32
PCB-1232	< 1.00	ug/L		5/17/2014 16:32
PCB-1242	< 1.00	ug/L		5/17/2014 16:32
PCB-1248	< 1.00	ug/L		5/17/2014 16:32
PCB-1254	< 1.00	ug/L		5/17/2014 16:32
PCB-1260	< 1.00	ug/L		5/17/2014 16:32

Method Reference(s): EPA 608

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
4,4-DDD	< 0.100	ug/L		5/16/2014 11:47
4,4-DDE	< 0.100	ug/L		5/16/2014 11:47

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Lab Project ID: 141945

Client: Stantec

Project Reference: Alliance

Sample Identifier: Wastewater-051314

Lab Sample ID: 141945-01

Date Sampled: 5/13/2014

Matrix: Wastewater

Date Received: 5/14/2014

4,4-DDT	< 0.100	ug/L	5/16/2014	11:47
Aldrin	< 0.100	ug/L	5/16/2014	11:47
alpha-BHC	< 0.100	ug/L	5/16/2014	11:47
beta-BHC	< 0.100	ug/L	5/16/2014	11:47
cis-Chlordane	< 0.100	ug/L	5/16/2014	11:47
delta-BHC	< 0.100	ug/L	5/16/2014	11:47
Dieldrin	< 0.100	ug/L	5/16/2014	11:47
Endosulfan I	< 0.100	ug/L	5/16/2014	11:47
Endosulfan II	< 0.100	ug/L	5/16/2014	11:47
Endosulfan Sulfate	< 0.100	ug/L	5/16/2014	11:47
Endrin	< 0.100	ug/L	5/16/2014	11:47
Endrin Aldehyde	< 0.100	ug/L	5/16/2014	11:47
Endrin Ketone	< 0.100	ug/L	5/16/2014	11:47
gamma-BHC (Lindane)	< 0.100	ug/L	5/16/2014	11:47
Heptachlor	< 0.100	ug/L	5/16/2014	11:47
Heptachlor Epoxide	< 0.100	ug/L	5/16/2014	11:47
Methoxychlor	< 0.100	ug/L	5/16/2014	11:47
Toxaphene	< 1.00	ug/L	5/16/2014	11:47
trans-Chlordane	< 0.100	ug/L	5/16/2014	11:47

Method Reference(s): EPA 608

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,2,4-Trichlorobenzene	< 10.0	ug/L		5/21/2014 14:55
1,2-Dichlorobenzene	< 10.0	ug/L		5/21/2014 14:55
1,3-Dichlorobenzene	< 10.0	ug/L		5/21/2014 14:55
1,4-Dichlorobenzene	< 10.0	ug/L		5/21/2014 14:55
2,4,6-Trichlorophenol	< 10.0	ug/L	L	5/21/2014 14:55

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Lab Project ID: 141945
Client: Stantec
Project Reference: Alliance

Sample Identifier:	Wastewater-051314				
Lab Sample ID:	141945-01		Date Sampled:	5/13/2014	
Matrix:	Wastewater		Date Received:	5/14/2014	
2,4-Dichlorophenol	< 10.0	ug/L		5/21/2014	14:55
2,4-Dimethylphenol	< 10.0	ug/L		5/21/2014	14:55
2,4-Dinitrophenol	< 20.0	ug/L		5/21/2014	14:55
2,4-Dinitrotoluene	< 10.0	ug/L		5/21/2014	14:55
2,6-Dinitrotoluene	< 10.0	ug/L		5/21/2014	14:55
2-Chloronaphthalene	< 10.0	ug/L		5/21/2014	14:55
2-Chlorophenol	< 10.0	ug/L		5/21/2014	14:55
2-Nitrophenol	< 10.0	ug/L		5/21/2014	14:55
3,3'-Dichlorobenzidine	< 10.0	ug/L		5/21/2014	14:55
4,6-Dinitro-2-methylphenol	< 20.0	ug/L		5/21/2014	14:55
4-Bromophenyl phenyl ether	< 10.0	ug/L		5/21/2014	14:55
4-Chloro-3-methylphenol	< 10.0	ug/L		5/21/2014	14:55
4-Chlorophenyl phenyl ether	< 10.0	ug/L		5/21/2014	14:55
4-Nitrophenol	< 20.0	ug/L		5/21/2014	14:55
Acenaphthene	< 10.0	ug/L		5/21/2014	14:55
Acenaphthylene	< 10.0	ug/L		5/21/2014	14:55
Anthracene	< 10.0	ug/L		5/21/2014	14:55
Benzidine	< 20.0	ug/L		5/21/2014	14:55
Benzo (a) anthracene	< 10.0	ug/L		5/21/2014	14:55
Benzo (a) pyrene	< 10.0	ug/L		5/21/2014	14:55
Benzo (b) fluoranthene	< 10.0	ug/L		5/21/2014	14:55
Benzo (g,h,i) perylene	< 10.0	ug/L		5/21/2014	14:55
Benzo (k) fluoranthene	< 10.0	ug/L		5/21/2014	14:55
Bis (2-chloroethoxy) methane	< 10.0	ug/L		5/21/2014	14:55
Bis (2-chloroethyl) ether	< 10.0	ug/L		5/21/2014	14:55
Bis (2-chloroisopropyl) ether	< 10.0	ug/L		5/21/2014	14:55
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L		5/21/2014	14:55
Butylbenzylphthalate	< 10.0	ug/L		5/21/2014	14:55

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Lab Project ID: 141945

Client: **Stantec**

Project Reference: Alliance

Sample Identifier: Wastewater-051314

Lab Sample ID: 141945-01

Date Sampled: 5/13/2014

Matrix: Wastewater

Date Received: 5/14/2014

Chrysene	< 10.0	ug/L	5/21/2014	14:55
Dibenz (a,h) anthracene	< 10.0	ug/L	5/21/2014	14:55
Diethyl phthalate	< 10.0	ug/L	5/21/2014	14:55
Dimethyl phthalate	< 20.0	ug/L	5/21/2014	14:55
Di-n-butyl phthalate	< 10.0	ug/L	5/21/2014	14:55
Di-n-octylphthalate	< 10.0	ug/L	5/21/2014	14:55
Fluoranthene	< 10.0	ug/L	5/21/2014	14:55
Fluorene	< 10.0	ug/L	5/21/2014	14:55
Hexachlorobenzene	< 10.0	ug/L	5/21/2014	14:55
Hexachlorobutadiene	< 10.0	ug/L	5/21/2014	14:55
Hexachlorocyclopentadiene	< 10.0	ug/L	5/21/2014	14:55
Hexachloroethane	< 10.0	ug/L	5/21/2014	14:55
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L	5/21/2014	14:55
Isophorone	< 10.0	ug/L	5/21/2014	14:55
Naphthalene	< 10.0	ug/L	5/21/2014	14:55
Nitrobenzene	< 10.0	ug/L	5/21/2014	14:55
N-Nitrosodimethylamine	< 10.0	ug/L	5/21/2014	14:55
N-Nitroso-di-n-propylamine	< 10.0	ug/L	5/21/2014	14:55
N-Nitrosodiphenylamine	< 10.0	ug/L	5/21/2014	14:55
Pentachlorophenol	< 20.0	ug/L	5/21/2014	14:55
Phenanthrene	< 10.0	ug/L	5/21/2014	14:55
Phenol	< 10.0	ug/L	5/21/2014	14:55
Pyrene	< 10.0	ug/L	5/21/2014	14:55

Method Reference(s): EPA 625
Data File: S76803.D

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Lab Project ID: 141945

Client: Stantec

Project Reference: Alliance

Sample Identifier: Wastewater-051314

Lab Sample ID: 141945-01

Date Sampled: 5/13/2014

Matrix: Wastewater

Date Received: 5/14/2014

Total Petroleum Hydrocarbons (Gravimetric)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Total Petroleum Hydrocarbon (Silica Gel / HEM)	<5.8	mg/L		5/21/2014

Method Reference(s): EPA 1664A

Subcontractor ELAP ID: 10142

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
1,1,1-Trichloroethane	53.0	ug/L		5/21/2014 13:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/21/2014 13:02
1,1,2-Trichloroethane	< 2.00	ug/L		5/21/2014 13:02
1,1-Dichloroethane	7.51	ug/L		5/21/2014 13:02
1,1-Dichloroethene	< 2.00	ug/L		5/21/2014 13:02
1,2-Dichlorobenzene	< 2.00	ug/L		5/21/2014 13:02
1,2-Dichloroethane	< 2.00	ug/L		5/21/2014 13:02
1,2-Dichloropropane	< 2.00	ug/L		5/21/2014 13:02
1,3-Dichlorobenzene	< 2.00	ug/L		5/21/2014 13:02
1,4-Dichlorobenzene	< 2.00	ug/L		5/21/2014 13:02
2-Chloroethyl vinyl Ether	< 10.0	ug/L		5/21/2014 13:02
Benzene	< 0.700	ug/L		5/21/2014 13:02
Bromodichloromethane	< 2.00	ug/L		5/21/2014 13:02
Bromoform	< 5.00	ug/L		5/21/2014 13:02
Bromomethane	< 2.00	ug/L		5/21/2014 13:02
Carbon Tetrachloride	< 2.00	ug/L		5/21/2014 13:02
Chlorobenzene	< 2.00	ug/L		5/21/2014 13:02
Chloroethane	< 2.00	ug/L		5/21/2014 13:02
Chloroform	< 2.00	ug/L		5/21/2014 13:02
Chloromethane	< 2.00	ug/L		5/21/2014 13:02

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Lab Project ID: 141945

Client: **Stantec**

Project Reference: Alliance

Sample Identifier: Wastewater-051314

Lab Sample ID: 141945-01

Date Sampled: 5/13/2014

Matrix: Wastewater

Date Received: 5/14/2014

cis-1,3-Dichloropropene	< 2.00	ug/L	5/21/2014	13:02
Dibromochloromethane	< 2.00	ug/L	5/21/2014	13:02
Ethylbenzene	< 2.00	ug/L	5/21/2014	13:02
Methylene chloride	< 5.00	ug/L	5/21/2014	13:02
Tetrachloroethene	2.71	ug/L	5/21/2014	13:02
Toluene	< 2.00	ug/L	5/21/2014	13:02
trans-1,2-Dichloroethene	< 2.00	ug/L	5/21/2014	13:02
trans-1,3-Dichloropropene	< 2.00	ug/L	5/21/2014	13:02
Trichloroethene	< 2.00	ug/L	5/21/2014	13:02
Trichlorofluoromethane	< 2.00	ug/L	5/21/2014	13:02
Vinyl chloride	< 2.00	ug/L	5/21/2014	13:02

Method Reference(s): EPA 624
Data File: x13473.D

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Analytical Report Appendix

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

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

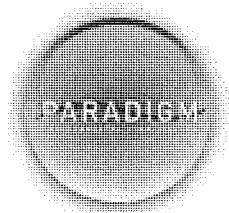
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

Page 9 of 11

30:00

P.I.F.

20



Chain of Custody Supplement

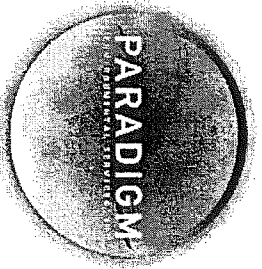
Client:	<u>Stantec</u>	Completed by:	<u>Moly Kail</u>
Lab Project ID:	<u>141945</u>	Date:	<u>5/14/14</u>

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>added 2ml of 5% NaOy to SUOA to pH 7-10 #2828</u>		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>SUOA</u> <u>VOA: Neg</u>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	<u>3°C cool</u> <u>x metals</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			

CHAIN OF CUSTODY 77812-2 **ENVIROTEST: ELAP ID: 10142**



REPORT TO:

INVOICE TO:

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	ADDRESS:	TURNAROUND TIME (WORKING DAYS)	
CITY:	CITY:	1	2
STATE:	STATE:	3	5
ZIP:	ZIP:	OTHER	
PHONE:	PHONE:	STD	
FAX:	FAX:	OTHER	
ATTN: Kate Hansen	ATTN: Meredith Dillman	Date Due: 5/21	
COMMENTS: Please email results to khansen@paradigmenv.com and jdalola@paradigmenv.com			

REQUESTED ANALYSIS

DATE	TIME	COMMENTS	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/13/14	1440			141945-01	W/W	1	TPH(1664)	
2								
3								
4								
5								
6								
7								
8								
9								
10								

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

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

Receipt Parameter	NELAP Compliance
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Comments:	

Client	Sampled By	Date/Time
	J. H. H. H.	5/14/14
Relinquished By	Date/Time	1600
Received By	Date/Time	5/15/14
Received @ Lab By	Date/Time	1100A

Total Cost:

P.L.F.

☐

Wells, Tom

From: EMagee@monroecounty.gov
Sent: Tuesday, August 05, 2014 8:24 AM
To: Wells, Tom
Subject: RE: Permit application for 12 Pixley Industrial Parkway in Gates

Hi Tom,

You can consider this email as extension of the permit ST-257 through August 30th. You may discharge anytime just be sure to use the proper discharge location that we discussed.

Thanks

Erin

Erin Magee
Monroe County Environmental Services
145 Paul Rd Bldg. 1
Rochester, NY 14624
(585) 753-7506

Be an H2O Hero Today!

From: "Wells, Tom" <Tom.Wells@stantec.com>
To: "EMagee@monroecounty.gov" <EMagee@monroecounty.gov>,
Date: 07/31/2014 04:09 PM
Subject: RE: Permit application for 12 Pixley Industrial Parkway in Gates

Hello Erin,

As a result of a scheduling issue at the end of May, we were not able to discharge the drummed water discussed below, and consequently the water remains on site. No new water has been collected since I prepared the May 23, 2014 letter (attached), and no other conditions have changed. I would like perform the discharge next week; however, short term permit ST-257 permit had an expiration date of May 31, 2014. Would you please let me know what I need to do to obtain approval for the discharge?

Thanks,

Tom Wells

Thomas D. Wells

Senior Geologist
Stantec
61 Commercial Street, Suite 100, Rochester, NY 14614-1009
Phone: (585) 413-5271
Cell: (585) 752-7335
Tom.Wells@stantec.com
Design with community in mind

stantec.com

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Please consider the environment before printing this email.

From: EMagee@monroecounty.gov [<mailto:EMagee@monroecounty.gov>]
Sent: Friday, May 23, 2014 2:26 PM
To: Wells, Tom
Subject: RE: Permit application for 12 Pixley Industrial Parkway in Gates

Hi Tom,

The attached drummed up purge water results are below the permit limits, and are approved for discharge. Please use the same sample location and other flow stipulations we talked about previously.
Thanks and have a great weekend!

Erin

Erin Magee
Monroe County Environmental Services
145 Paul Rd Bldg. 1
Rochester, NY 14624
(585) 753-7506

Be an H2O Hero Today!

From: "Wells, Tom" <Tom.Wells@stantec.com>
To: "EMagee@monroecounty.gov" <EMagee@monroecounty.gov>,
Cc: Dennis Maguire <dext@rochester.rr.com>, "Timothy Schneider" <taschnei@gw.dec.state.ny.us>, "psylvestri@hselaw.com" <psylvestri@hselaw.com>
Date: 05/23/2014 12:17 PM
Subject: RE: Permit application for 12 Pixley Industrial Parkway in Gates

Erin,
Attached is a letter presenting our request for your approval to discharge the second batch of wastewater under Specialty Short Term permit ST-257. Please let me know if you have any questions.
Tom

Thomas D. Wells

Senior Geologist

Stantec

61 Commercial Street, Suite 100, Rochester, NY 14614-1009

Phone: (585) 413-5271

Cell: (585) 752-7335

Tom.Wells@stantec.com

Design with community in mind

stantec.com

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Please consider the environment before printing this email.

From: EMagee@monroecounty.gov [<mailto:EMagee@monroecounty.gov>]

Sent: Monday, May 05, 2014 9:08 AM
To: Wells, Tom
Subject: Re: Permit application for 12 Pixley Industrial Parkway in Gates

Morning Tom,

I have your permit all set, when did you want to meet on site? Also do you plan on using the same discharge location as we used before?

I am available tomorrow afternoon and Thursday afternoon of this week, and next week I am available Monday and Tuesday.

Thanks

Erin

Erin Magee
Monroe County Environmental Services
145 Paul Rd Bldg. 1
Rochester, NY 14624
(585) 753-7506

Be an H2O Hero Today!

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-- Confidentiality Notice -- This email message, including all the attachments, is for the sole use of the intended recipient(s) and contains confidential information. Unauthorized use or disclosure is prohibited. If you are not the intended recipient, you may not use, disclose, copy or disseminate this information. If you are not the intended recipient, please contact the sender immediately by reply email and destroy all copies of the original message, including attachments.



Stantec Consulting Services Inc.

61 Commercial Street, Suite 100, Rochester NY 14614-1009

June 23, 2015
File: 190500647

Attention: Ms. Erin Magee

Monroe County Department of Environmental Services
Industrial Waste Control
145 Paul Road, Bldg. 1
Rochester, NY 14624

Dear Erin,

Reference: Specialty Short Term Discharge Permit Application

Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York

On behalf of Maguire Family Properties, Inc. (Maguire), Stantec Consulting Services Inc. (Stantec) presents this application for a Specialty Short Term Discharge Permit for the Maguire Family Properties, Inc. facility located at 12 Pixley Industrial Parkway in the Town of Gates (the site).

A. Environmental Representative

Stantec Consulting Services, Inc.
61 Commercial Street
Rochester, New York 14614

B. Contact Person

Thomas D. Wells (Stantec)
Phone: (585) 413-5271
Fax: (585) 272-1814
Cell phone: (585) 752-7335
email: Tom.Wells@stantec.com

C. Site Name and Address

Discharge location:
Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York 14624

Mailing address for correspondence:
Maguire Family Properties, Inc.
770 Rock Beach Road
Rochester, New York 14617
Attn: Dennis P. Maguire, President



Reference: Specialty Short Term Discharge Permit Application

D. Site History

The County has issued two previous permits for the project for discharge of investigation-derived wastewater collected during a remedial investigation of environmental conditions at the site. The investigation is being conducted under the New York State Department of Environmental Conservation's Brownfield Cleanup Program (BCP site number C828101). The previous Short term permit numbers were ST-240 (July 2013) and ST-257 (May 2014).

The property is the site of the former Alliance Metal Stamping & Fabrication (AMSF) industrial facility. The facility consists of a 120,000 sq. ft. building on a 7 acre property. The AMSF facility was constructed in 1967, before which the property was undeveloped agricultural land. Metalworking and related manufacturing operations were discontinued by AMSF in 1994. Since 1995, the property has been owned by Maguire Family Properties, Inc., which leases individual spaces in the facility to several light industrial and commercial tenants.

As with the previous permits, the new permit would cover discharge of investigation-derived wastewater. The wastewater includes: a) drilling water and groundwater pumped during the development of a newly installed monitoring well; and b) groundwater purged from both the new well and other existing on-site wells during groundwater sampling events.

E. Site Contaminants

Environmental investigations performed at the site beginning in 1992 has identified the presence of contamination of groundwater by chlorinated volatile organic compounds (VOCs), primarily 1,1,1-trichloroethane (1,1,1-TCA). The attached table presents a summary of the maximum concentration of individual contaminants detected in all previous groundwater samples collected at the site.

A sample of the wastewater currently awaiting discharge was collected for analysis in accordance with the County's specifications for analysis parameters and methods. Results are summarized on the attached table, and a copy of the laboratory report for the sample is attached. As shown in the attached table and lab report, VOCs were the only contaminants detected. The sum of the concentrations of the individual VOCs detected was 0.13 milligrams per liter (mg/L), which is below the County's 2.13 mg/L threshold for requiring treatment prior to discharge.

F. Quantity of Wastewater to be Discharged

An initial volume of approximately 1,700 gallons of wastewater is awaiting discharge. This application is also meant to cover a second volume of approximately 100 gallons of drummed groundwater that will not be discharged until after a groundwater sampling event scheduled for the end of July 2015 is completed.



June 23, 2015
Ms. Erin Magee
Page 3 of 3

Reference: Specialty Short Term Discharge Permit Application

G. Method of Treatment

Not applicable. (No treatment is proposed.)

H. Method of Controlling Solids Discharge

Not applicable. (No solids discharge is anticipated.)

I. Expected date of Discharge

The discharge of the initial 1,700 gallons will be scheduled pending approval of the application. A tentative target date of Wednesday, July 1, 2015 is proposed. A timeframe of the first week of August 2015 is proposed for the second, smaller volume.

Approval of a discharge rate of 20 to 40 gallons per minute is requested.

J. Project duration

The project should be completed by mid-August, 2015.

Closing

Please contact the undersigned if you have any questions or require additional information.

Regards,

STANTEC CONSULTING SERVICES INC.

Thomas D. Wells
Senior Geologist
Phone: (585) 413-5271
Cell: (585) 752-7335
Tom.Wells@stantec.com

Attachments:

- Specialty Short Term Discharge Permit form
- Certificates of Insurance for Maguire Family Properties
- Table Summarizing Known Contaminant Concentrations
- Wastewater Sample Analysis Report

cc. D. Maguire (MFP), P. Sylvestri (Harter Secrest & Emery), T. Schneider (NYSDEC)

Specialty Short Term Discharge Permit Form

SPECIALTY SHORT TERM DISCHARGE PERMIT

County of Monroe Pure Waters District No. _____

ST- Permit No: _____

Expires: _____

Fee: \$125.00

Firm Name Maguire Family Properties, Inc.

Address Site Address: 12 Pixley Industrial Parkway, Town of Gates

Mailing Address: 770 Rock Beach Road, Rochester, NY 14617

Type of Business or Service Multi-tenant commercial and light industrial facility

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated _____ and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) Dennis P. Maguire

Applicant's Signature Dennis P. Maguire Date 6/17/15

Applicant's Title President Phone (585) 338-2269

Emergency Contact Maguire FP security service Phone (585) 370-6198

Renewal Approved by: _____ Issued this ____ day of ____ 20 ____.

Michael J. Garland, P.E.
Director of Environmental Services-Pure Waters
Monroe County

Certificates of Insurance for Maguire Family Properties

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD

CERTIFICATE OF NYS WORKERS' COMPENSATION INSURANCE COVERAGE

1a. Legal Name & Address of Insured (Use street address only) Maguire Properties, Inc. Maguire Family Properties, Inc. 770 Rock Beach Road Rochester, NY 14617 <i>Work Location of Insured (Only required if coverage is specifically limited to certain locations in New York State, i.e., a Wrap-Up Policy)</i>	1b. Business Telephone Number of Insured 585 – 338 – 2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured 46-23561 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1418738, 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Dept of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Travelers Casualty Insurance Co of America 3b. Policy Number of entity listed in box "1a" YSUB3536R64114 3c. Policy effective period ___7/1/14___ to ___7/1/15___ 3d. The Proprietor, Partners or Executive Officers are X included. (Only check box if all partners/officers included) <input type="checkbox"/> all excluded or certain partners/officers excluded.

This certifies that the insurance carrier indicated above in box "3" insures the business referenced above in box "1a" for workers' compensation under the New York State Workers' Compensation Law. **(To use this form, New York (NY) must be listed under Item 3A on the INFORMATION PAGE of the workers' compensation insurance policy).** The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed above as the certificate holder in box "2".

The Insurance Carrier will also notify the above certificate holder within 10 days IF a policy is canceled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from the coverage indicated on this Certificate. (These notices may be sent by regular mail.) Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in box "3c", whichever is earlier.

Please Note: Upon the cancellation of the workers' compensation policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of Workers' Compensation Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Workers' Compensation Law.

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has the coverage as depicted on this form.

Barry York, Inc.

Approved by: _____

(Print name of authorized representative or licensed agent of insurance carrier)

June 19, 2015

Approved by: _____

(Signature)

(Date)

Agent

Title: _____

585-641-0700

Telephone Number of authorized representative or licensed agent of insurance carrier: _____

Please Note: Only insurance carriers and their licensed agents are authorized to issue Form C-105.2. Insurance brokers are **NOT** authorized to issue it.

C-105.2

www.wcb.state.ny.us

(9-07)

Workers' Compensation Law

Section 57. Restriction on issue of permits and the entering into contracts unless compensation is secured.

1. The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any compensation to any such employee if so employed.

2. The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter.

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD

CERTIFICATE OF NYS WORKERS' COMPENSATION INSURANCE COVERAGE

1a. Legal Name & Address of Insured (Use street address only) Maguire Properties, Inc. Maguire Family Properties, Inc. 770 Rock Beach Road Rochester, NY 14617 <i>Work Location of Insured (Only required if coverage is specifically limited to certain locations in New York State, i.e., a Wrap-Up Policy)</i>	1b. Business Telephone Number of Insured 585 – 338 – 2269 1c. NYS Unemployment Insurance Employer Registration Number of Insured 46-23561 1d. Federal Employer Identification Number of Insured or Social Security Number 16-1418738, 16-1428868
2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder) Monroe County Dept of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624	3a. Name of Insurance Carrier Travelers Casualty Insurance Co of America 3b. Policy Number of entity listed in box "1a" YSUB3536R64115 3c. Policy effective period ____7/1/15__ to __7/1/16____ 3d. The Proprietor, Partners or Executive Officers are <input checked="" type="checkbox"/> included. (Only check box if all partners/officers included) <input type="checkbox"/> all excluded or certain partners/officers excluded.

This certifies that the insurance carrier indicated above in box "3" insures the business referenced above in box "1a" for workers' compensation under the New York State Workers' Compensation Law. **(To use this form, New York (NY) must be listed under Item 3A on the INFORMATION PAGE of the workers' compensation insurance policy).** The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed above as the certificate holder in box "2".

The Insurance Carrier will also notify the above certificate holder within 10 days IF a policy is canceled due to nonpayment of premiums or within 30 days IF there are reasons other than nonpayment of premiums that cancel the policy or eliminate the insured from the coverage indicated on this Certificate. (These notices may be sent by regular mail.) Otherwise, this Certificate is valid for one year after this form is approved by the insurance carrier or its licensed agent, or until the policy expiration date listed in box "3c", whichever is earlier.

Please Note: Upon the cancellation of the workers' compensation policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of Workers' Compensation Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Workers' Compensation Law.

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has the coverage as depicted on this form.

Barry York, Inc.

Approved by: _____

(Print name of authorized representative or licensed agent of insurance carrier)

June 19, 2015

Approved by: _____

(Signature)

(Date)

Agent _____

Title: _____

585-641-0700

Telephone Number of authorized representative or licensed agent of insurance carrier: _____

Please Note: Only insurance carriers and their licensed agents are authorized to issue Form C-105.2. Insurance brokers are **NOT** authorized to issue it.

C-105.2

www.wcb.state.ny.us

(9-07)

Workers' Compensation Law

Section 57. Restriction on issue of permits and the entering into contracts unless compensation is secured.

1. The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any compensation to any such employee if so employed.

2. The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in a hazardous employment defined by this chapter, notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that compensation for all employees has been secured as provided by this chapter.

STATE OF NEW YORK
WORKERS' COMPENSATION BOARD
CERTIFICATE OF INSURANCE COVERAGE UNDER THE NYS DISABILITY BENEFITS LAW

PART 1. To be completed by Disability Benefits Carrier or Licensed Insurance Agent of that Carrier

<p>1a. Legal Name and Address of Insured (Use street address only)</p> <p>MAGUIRE FAMILY PROPERTIES, INC 770 ROCK BEACH ROAD ROCHESTER, NY 14617</p>	<p>1b. Business Telephone Number of Insured 585-338-2269</p> <p>1c. NYS Unemployment Insurance Employer Registration Number of Insured PENDING</p> <p>1d. Federal Employer Identification Number of Insured or Social Security Number 16-1428868</p>
<p>2. Name and Address of the Entity Requesting Proof of Coverage (Entity Being Listed as the Certificate Holder)</p> <p>Monroe County Department of Environmental Services Industrial Waste Control 145 Paul Road, Bldg. 1 Rochester, NY 14624</p>	<p>3a. Name of Insurance Carrier Standard Security Life Insurance Company of New York</p> <p>3b. Policy Number of entity listed in box "1a": D83150-000</p> <p>3c. Policy effective period: <u>7/1/2002</u> to <u>6/17/2016</u></p>

4. Policy covers:

- a. ☒ All of the employer's employees eligible under the New York Disability Benefits Law
- b. ☐ Only the following class or classes of the employer's employees:

Under penalty of perjury, I certify that I am an authorized representative or licensed agent of the insurance carrier referenced above and that the named insured has NYS Disability Benefits insurance coverage as described above.

Date Signed 6/19/2015

By

Bela A. Schmail
Signature of insurance carrier's authorized representative or NYS Licensed Insurance Agent of that insurance carrier)

Telephone Number (212) 355-4141

Title SUPERVISOR-DBL/POLICY SERVICES

IMPORTANT: If box "4a" is checked, and this form is signed by the insurance carrier's authorized representative or NYS Licensed Insurance Agent of that carrier, this certificate is COMPLETE. Mail it directly to the certificate holder.

If box "4b" is checked, this certificate is NOT COMPLETE for purposes of Section 220, Subd. 8 of the Disability Benefits Law. It must be mailed for completion to the Workers' Compensation Board, DB Plans Acceptance Unit, 20 Park Street, Albany, New York 12207.

PART 2. To be completed by NYS Workers' Compensation Board (Only if box "4b" of Part 1 has been checked)

**State Of New York
Workers' Compensation Board**

According to information maintained by the NYS Workers' Compensation Board, the above-named employer has complied with the NYS Disability Benefits Law with respect to all of his/her employees.

Date Signed _____

By _____

(Signature of NYS Workers' Compensation Board Employee)

Telephone Number _____

Title _____

Please Note: Only insurance carriers licensed to write NYS disability benefits insurance policies and NYS licensed insurance agents of those insurance carriers are authorized to issue Form DB-120.1. Insurance brokers are NOT authorized to issue this form.

Additional Instructions for Form DB-120.1

By signing this form, the insurance carrier identified in box "3" on this form is certifying that it is insuring the business referenced in box "1a" for disability benefits under the New York State Disability Benefits Law. The Insurance Carrier or its licensed agent will send this Certificate of Insurance to the entity listed as the certificate holder in box "2". ***This Certificate is valid for the earlier of one year after this form is approved by the insurance carrier or its licensed agent, or the policy expiration date listed in box "3c".***

Please Note: Upon the cancellation of the disability benefits policy indicated on this form, if the business continues to be named on a permit, license or contract issued by a certificate holder, the business must provide that certificate holder with a new Certificate of NYS Disability Benefits Coverage or other authorized proof that the business is complying with the mandatory coverage requirements of the New York State Disability Benefits Law.

DISABILITY BENEFITS LAW

§220. Subd. 8

(a) The head of a state or municipal department, board, commission or office authorized or required by law to issue any permit for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing the issue of such permits, shall not issue such permit unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article. Nothing herein, however, shall be construed as creating any liability on the part of such state or municipal department, board, commission or office to pay any disability benefits to any such employee if so employed.

(b) The head of a state or municipal department, board, commission or office authorized or required by law to enter into any contract for or in connection with any work involving the employment of employees in employment as defined in this article, and notwithstanding any general or special statute requiring or authorizing any such contract, shall not enter into any such contract unless proof duly subscribed by an insurance carrier is produced in a form satisfactory to the chair, that the payment of disability benefits for all employees has been secured as provided by this article.

Table Summarizing Known Contaminant Concentrations

Summary of Known Contaminants
Former Alliance Metal Stamping & Fabrication Facility Site
12 Pixley Industrial Parkway, Gates, New York

Sample Medium	Maximum Concentrations Detected in Groundwater During Previous Environmental Investigations (samples collected from 1992 through 2014)	Investigation wastewater sample AMSF-MW34-WW (well development water collected on 5/28/2015)
Concentration Units	Milligrams per Liter (mg/L)	
<u>Chemical Analyte(s)</u>		
Volatile Organic Compounds (VOCs)		
1,1,1-Trichloroethane (1,1,1-TCA)	130.0	0.088
1,1-Dichloroethane (1,1-DCA)	0.980	0.019
1,1-Dichloroethene (1,1-DCE)	0.150	0.004
Tetrachloroethylene (PCE)	0.417	0.019
Trichloroethylene (TCE)	0.430	ND (<0.02)
cis-1,2-Dichloroethylene (cis-1,2-DCE)	0.049	NA
Benzene	0.039	ND (<0.007)
Toluene	0.400	ND (<0.02)
Ethylbenzene	0.033	ND (<0.02)
Xylenes	0.021	<u>NA</u>
Total VOCs		0.130
Semi-volatiles (SVOCs)	ND	ND (<0.02)
Pesticides:		
Endrin Aldehyde	0.000137	ND (<0.0001)
trans-Chlordane	0.0000531	ND (<0.0001)
Toxaphene	ND	ND (<0.001)
Other Pesticides	ND	ND (<0.0001)
PCBs	ND	ND (<0.001)
Petroleum Hydrocarbons (TPH)	ND	ND (<5)
Metals		
Arsenic (As)	ND	0.0087
Cadmium (Cd)	ND	ND (<0.0025)
Chromium (Cr)	0.65	ND (<0.005)
Copper (Cu)	0.89	ND (<0.0125)
Lead (Pb)	7.28	ND (<0.005)
Mercury (Hg)	0.0027	NA
Nickel (Ni)	0.66	ND (<0.02)
Silver (Ag)	ND	ND (<0.005)
Zinc (Zn)	44.9	0.101

ND = Not detected above laboratory detection/quantification limits

NA = Not analyzed

Laboratory Analysis Report for
Wastewater Sample AMSF - MW34 - WW



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

152119

Referencing

190500647.243 Former AMSF Facility

Prepared

Thursday, June 18, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke, is positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

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



Lab Project ID: 152119

Client: **Stantec**

Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier: AMSF-MW34-WW

Lab Sample ID: 152119-01

Date Sampled: 5/28/2015

Matrix: Wastewater

Date Received: 5/28/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	0.00870	mg/L	D	6/9/2015 11:13
Cadmium	< 0.00250	mg/L		6/9/2015 10:16
Chromium	< 0.00500	mg/L		6/9/2015 10:16
Copper	< 0.0125	mg/L		6/9/2015 10:16
Lead	< 0.00500	mg/L		6/9/2015 10:16
Nickel	< 0.0200	mg/L		6/9/2015 10:16
Silver	< 0.00500	mg/L		6/9/2015 10:16
Zinc	0.101	mg/L		6/9/2015 10:16

Method Reference(s): EPA 200.7

Preparation Date: 6/8/2015

Data File: 060915a

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.09	ug/L		6/2/2015 19:52
PCB-1221	< 1.09	ug/L		6/2/2015 19:52
PCB-1232	< 1.09	ug/L		6/2/2015 19:52
PCB-1242	< 1.09	ug/L		6/2/2015 19:52
PCB-1248	< 1.09	ug/L		6/2/2015 19:52
PCB-1254	< 1.09	ug/L		6/2/2015 19:52
PCB-1260	< 1.09	ug/L		6/2/2015 19:52

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	83.9	28.7 - 139		6/2/2015 19:52
Tetrachloro-m-xylene	72.3	0 - 110		6/2/2015 19:52

Method Reference(s): EPA 608

Preparation Date: 6/2/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.109	ug/L		6/2/2015 14:58

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



Lab Project ID: 152119

Client: **Stantec**

Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier:		AMSF-MW34-WW			
Lab Sample ID:		152119-01		Date Sampled:	5/28/2015
Matrix:		Wastewater		Date Received:	5/28/2015
4,4-DDE	< 0.109	ug/L		6/2/2015	14:58
4,4-DDT	< 0.109	ug/L		6/2/2015	14:58
Aldrin	< 0.109	ug/L		6/2/2015	14:58
alpha-BHC	< 0.109	ug/L		6/2/2015	14:58
beta-BHC	< 0.109	ug/L		6/2/2015	14:58
cis-Chlordane	< 0.109	ug/L		6/2/2015	14:58
delta-BHC	< 0.109	ug/L		6/2/2015	14:58
Dieldrin	< 0.109	ug/L		6/2/2015	14:58
Endosulfan I	< 0.109	ug/L		6/2/2015	14:58
Endosulfan II	< 0.109	ug/L		6/2/2015	14:58
Endosulfan Sulfate	< 0.109	ug/L		6/2/2015	14:58
Endrin	< 0.109	ug/L		6/2/2015	14:58
Endrin Aldehyde	< 0.109	ug/L		6/2/2015	14:58
gamma-BHC (Lindane)	< 0.109	ug/L		6/2/2015	14:58
Heptachlor	< 0.109	ug/L		6/2/2015	14:58
Heptachlor Epoxide	< 0.109	ug/L		6/2/2015	14:58
Methoxychlor	< 0.109	ug/L		6/2/2015	14:58
Toxaphene	< 1.09	ug/L		6/2/2015	14:58
trans-Chlordane	< 0.109	ug/L		6/2/2015	14:58
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
Decachlorobiphenyl (1)	69.7	38.2 - 137		6/2/2015	14:58
Tetrachloro-m-xylene (1)	56.6	3.3 - 102.2		6/2/2015	14:58

Method Reference(s): EPA 608
Preparation Date: 6/2/2015

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		5/29/2015 20:57
1,2-Dichlorobenzene	< 10.0	ug/L		5/29/2015 20:57
1,3-Dichlorobenzene	< 10.0	ug/L		5/29/2015 20:57
1,4-Dichlorobenzene	< 10.0	ug/L		5/29/2015 20:57
2,4,6-Trichlorophenol	< 10.0	ug/L		5/29/2015 20:57

Lab Project ID: 152119
Client: **Stantec**
Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier:		AMSF-MW34-WW	
Lab Sample ID:		152119-01	Date Sampled: 5/28/2015
Matrix:		Wastewater	Date Received: 5/28/2015
2,4-Dichlorophenol	< 10.0	ug/L	5/29/2015 20:57
2,4-Dimethylphenol	< 10.0	ug/L	5/29/2015 20:57
2,4-Dinitrophenol	< 20.0	ug/L	5/29/2015 20:57
2,4-Dinitrotoluene	< 10.0	ug/L	5/29/2015 20:57
2,6-Dinitrotoluene	< 10.0	ug/L	5/29/2015 20:57
2-Chloronaphthalene	< 10.0	ug/L	5/29/2015 20:57
2-Chlorophenol	< 10.0	ug/L	5/29/2015 20:57
2-Nitrophenol	< 10.0	ug/L	5/29/2015 20:57
3,3'-Dichlorobenzidine	< 10.0	ug/L	5/29/2015 20:57
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	5/29/2015 20:57
4-Bromophenyl phenyl ether	< 10.0	ug/L	5/29/2015 20:57
4-Chloro-3-methylphenol	< 10.0	ug/L	5/29/2015 20:57
4-Chlorophenyl phenyl ether	< 10.0	ug/L	5/29/2015 20:57
4-Nitrophenol	< 20.0	ug/L	5/29/2015 20:57
Acenaphthene	< 10.0	ug/L	5/29/2015 20:57
Acenaphthylene	< 10.0	ug/L	5/29/2015 20:57
Anthracene	< 10.0	ug/L	5/29/2015 20:57
Benzidine	< 20.0	ug/L	5/29/2015 20:57
Benzo (a) anthracene	< 10.0	ug/L	5/29/2015 20:57
Benzo (a) pyrene	< 10.0	ug/L	5/29/2015 20:57
Benzo (b) fluoranthene	< 10.0	ug/L	5/29/2015 20:57
Benzo (g,h,i) perylene	< 10.0	ug/L	5/29/2015 20:57
Benzo (k) fluoranthene	< 10.0	ug/L	5/29/2015 20:57
Bis (2-chloroethoxy) methane	< 10.0	ug/L	5/29/2015 20:57
Bis (2-chloroethyl) ether	< 10.0	ug/L	5/29/2015 20:57
Bis (2-chloroisopropyl) ether	< 10.0	ug/L	5/29/2015 20:57
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L	5/29/2015 20:57
Butylbenzylphthalate	< 10.0	ug/L	5/29/2015 20:57
Chrysene	< 10.0	ug/L	5/29/2015 20:57
Dibenz (a,h) anthracene	< 10.0	ug/L	5/29/2015 20:57
Diethyl phthalate	< 10.0	ug/L	5/29/2015 20:57
Dimethyl phthalate	< 20.0	ug/L	5/29/2015 20:57

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Lab Project ID: 152119

Client: **Stantec**

Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier:		AMSF-MW34-WW			
Lab Sample ID:		152119-01		Date Sampled:	5/28/2015
Matrix:		Wastewater		Date Received:	5/28/2015
Di-n-butyl phthalate	< 10.0	ug/L		5/29/2015	20:57
Di-n-octylphthalate	< 10.0	ug/L		5/29/2015	20:57
Fluoranthene	< 10.0	ug/L		5/29/2015	20:57
Fluorene	< 10.0	ug/L		5/29/2015	20:57
Hexachlorobenzene	< 10.0	ug/L		5/29/2015	20:57
Hexachlorobutadiene	< 10.0	ug/L		5/29/2015	20:57
Hexachlorocyclopentadiene	< 10.0	ug/L		5/29/2015	20:57
Hexachloroethane	< 10.0	ug/L		5/29/2015	20:57
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/29/2015	20:57
Isophorone	< 10.0	ug/L		5/29/2015	20:57
Naphthalene	< 10.0	ug/L		5/29/2015	20:57
Nitrobenzene	< 10.0	ug/L		5/29/2015	20:57
N-Nitrosodimethylamine	< 10.0	ug/L		5/29/2015	20:57
N-Nitroso-di-n-propylamine	< 10.0	ug/L		5/29/2015	20:57
N-Nitrosodiphenylamine	< 10.0	ug/L		5/29/2015	20:57
Pentachlorophenol	< 20.0	ug/L		5/29/2015	20:57
Phenanthrene	< 10.0	ug/L		5/29/2015	20:57
Phenol	< 10.0	ug/L		5/29/2015	20:57
Pyrene	< 10.0	ug/L		5/29/2015	20:57
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	67.8	27.2 - 132		5/29/2015	20:57
2-Fluorobiphenyl	55.7	20.2 - 94.7		5/29/2015	20:57
2-Fluorophenol	36.5	5.5 - 92.9		5/29/2015	20:57
Nitrobenzene-d5	59.3	44.4 - 95.7		5/29/2015	20:57
Phenol-d5	23.5	0 - 90.8		5/29/2015	20:57
Terphenyl-d14	61.0	55.1 - 112		5/29/2015	20:57

Method Reference(s): EPA 625
Preparation Date: 5/29/2015
Data File: B05438.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	87.8	ug/L		5/29/2015 15:52

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Lab Project ID: 152119

Client: **Stantec**

Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier:	AMSF-MW34-WW			
Lab Sample ID:	152119-01		Date Sampled:	5/28/2015
Matrix:	Wastewater		Date Received:	5/28/2015
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	5/29/2015	15:52
1,1,2-Trichloroethane	< 2.00	ug/L	5/29/2015	15:52
1,1-Dichloroethane	19.4	ug/L	5/29/2015	15:52
1,1-Dichloroethene	3.80	ug/L	5/29/2015	15:52
1,2-Dichlorobenzene	< 2.00	ug/L	5/29/2015	15:52
1,2-Dichloroethane	< 2.00	ug/L	5/29/2015	15:52
1,2-Dichloropropane	< 2.00	ug/L	5/29/2015	15:52
1,3-Dichlorobenzene	< 2.00	ug/L	5/29/2015	15:52
1,4-Dichlorobenzene	< 2.00	ug/L	5/29/2015	15:52
2-Chloroethyl vinyl Ether	< 10.0	ug/L	5/29/2015	15:52
Benzene	< 0.700	ug/L	5/29/2015	15:52
Bromodichloromethane	< 2.00	ug/L	5/29/2015	15:52
Bromoform	< 5.00	ug/L	5/29/2015	15:52
Bromomethane	< 2.00	ug/L	5/29/2015	15:52
Carbon Tetrachloride	< 2.00	ug/L	5/29/2015	15:52
Chlorobenzene	< 2.00	ug/L	5/29/2015	15:52
Chloroethane	< 2.00	ug/L	5/29/2015	15:52
Chloroform	< 2.00	ug/L	5/29/2015	15:52
Chloromethane	< 2.00	ug/L	5/29/2015	15:52
cis-1,3-Dichloropropene	< 2.00	ug/L	5/29/2015	15:52
Dibromochloromethane	< 2.00	ug/L	5/29/2015	15:52
Ethylbenzene	< 2.00	ug/L	5/29/2015	15:52
Methylene chloride	< 5.00	ug/L	5/29/2015	15:52
Tetrachloroethene	19.4	ug/L	5/29/2015	15:52
Toluene	< 2.00	ug/L	5/29/2015	15:52
trans-1,2-Dichloroethene	< 2.00	ug/L	5/29/2015	15:52
trans-1,3-Dichloropropene	< 2.00	ug/L	5/29/2015	15:52
Trichloroethene	< 2.00	ug/L	5/29/2015	15:52
Trichlorofluoromethane	< 2.00	ug/L	5/29/2015	15:52
Vinyl chloride	< 2.00	ug/L	5/29/2015	15:52

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Report Prepared Thursday, June 18, 2015



Lab Project ID: 152119

Client: **Stantec**

Project Reference: 190500647.243 Former AMSF Facility

Sample Identifier: AMSF-MW34-WW

Lab Sample ID: 152119-01

Date Sampled: 5/28/2015

Matrix: Wastewater

Date Received: 5/28/2015

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	108	82.3 - 115		5/29/2015	15:52
4-Bromofluorobenzene	90.3	85.5 - 111		5/29/2015	15:52
Pentafluorobenzene	99.2	91.2 - 107		5/29/2015	15:52
Toluene-D8	96.8	90.9 - 108		5/29/2015	15:52

Method Reference(s): EPA 624

Data File: x23176.D



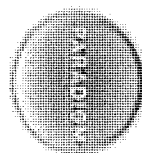
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Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Arsenic	<0.00500	mg/L		6/9/2015	10:04
Cadmium	<0.00250	mg/L		6/9/2015	10:04
Chromium	<0.00500	mg/L		6/9/2015	10:04
Copper	<0.0125	mg/L		6/9/2015	10:04
Lead	<0.00500	mg/L		6/9/2015	10:04
Nickel	<0.0200	mg/L		6/9/2015	10:04
Silver	<0.00500	mg/L		6/9/2015	10:04
Zinc	<0.0300	mg/L		6/9/2015	10:04

Method Reference(s): EPA 200.7
Preparation Date: 6/8/2015
Data File: 060915a
QC Batch ID: QC150608ww
QC Number: 1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Metals

Analyte	LCS	LCSD	Spike	LCS	LCSD	LCS %	LCSD %	% Rec	LCS	LCSD	Relative %	RPD	RPD	Analyzed
	Added	Added	Units	Result	Result	Recovery	Recovery	Limits	Outliers	Outliers	Difference	Limit	Outliers	
Arsenic	1.25	1.25	mg/L	1.20	1.22	95.9	97.5	85 - 115			1.61	20		6/9/2015
Cadmium	0.500	0.500	mg/L	0.495	0.498	99.1	99.6	85 - 115			0.541	20		6/9/2015
Chromium	1.25	1.25	mg/L	1.22	1.23	97.8	98.2	85 - 115			0.457	20		6/9/2015
Copper	1.25	1.25	mg/L	1.25	1.26	100	100	85 - 115			0.479	20		6/9/2015
Lead	1.25	1.25	mg/L	1.22	1.25	98.0	100	85 - 115			2.19	20		6/9/2015
Nickel	2.50	2.50	mg/L	2.65	2.66	106	106	85 - 115			0.411	20		6/9/2015
Silver	0.125	0.125	mg/L	0.118	0.119	94.6	94.8	85 - 115			0.210	20		6/9/2015
Zinc	1.25	1.25	mg/L	1.24	1.26	98.9	101	85 - 115			1.82	20		6/9/2015

Method Reference(s): EPA 200.7

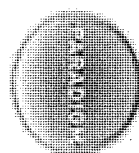
Preparation Date: 6/8/2015

Data File: 060915a

QC Number: 1

QC Batch ID: QC150608ww

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



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

SDG #: 2119-01

Lab Project ID: 152119

Client: Stanlec

Project Reference: 190500647.243 Former AMSF Facility

Lab Sample ID: 152119-01

Sample Identifier: AMSF-MW34-WW

Matrix: Wastewater

Date Sampled: 5/28/2015

Date Received: 5/28/2015

Metals

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Arsenic	0.00870	mg/L	1.25	1.43	114	70 - 130		0.00690	22.5	20	*	6/9/2015
Cadmium	< 0.00250	mg/L	0.500	0.531	106	70 - 130		<0.00250	NC	20		6/9/2015
Chromium	< 0.00500	mg/L	1.25	1.36	109	70 - 130		<0.00500	NC	20		6/9/2015
Copper	< 0.0125	mg/L	1.25	1.44	115	70 - 130		<0.0125	NC	20		6/9/2015
Lead	< 0.00500	mg/L	1.25	1.30	104	70 - 130		<0.00500	NC	20		6/9/2015
Nickel	< 0.0200	mg/L	2.50	2.79	112	70 - 130		<0.0200	NC	20		6/9/2015
Silver	< 0.00500	mg/L	0.125	0.138	110	70 - 130		<0.00500	NC	20		6/9/2015
Zinc	0.101	mg/L	1.25	1.60	120	70 - 130		0.103	2.14	20		6/9/2015

Method Reference(s): EPA 200.7
Preparation Date: 6/8/2015
060915a
QC Batch ID: QC150608ww

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

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Report Prepared Tuesday, June 09, 2015



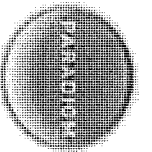
Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
PCB-1016	<1.00	ug/L		6/2/2015	19:06
PCB-1221	<1.00	ug/L		6/2/2015	19:06
PCB-1232	<1.00	ug/L		6/2/2015	19:06
PCB-1242	<1.00	ug/L		6/2/2015	19:06
PCB-1248	<1.00	ug/L		6/2/2015	19:06
PCB-1254	<1.00	ug/L		6/2/2015	19:06
PCB-1260	<1.00	ug/L		6/2/2015	19:06

Method Reference(s): EPA 608
Preparation Date: 6/2/2015
QC Batch ID: QC150602PCBW
QC Number: 1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

PCBs

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
PCB-1016/1260	5.00	ug/L	3.46	69.2	7.13 - 134		6/2/2015
Method Reference(s):	EPA 608						
Preparation Date:	6/2/2015						
QC Number:	1						
QC Batch ID:	QC150602PCBW						

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Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
4,4-DDD	<0.100	ug/L		6/2/2015
4,4-DDE	<0.100	ug/L		6/2/2015
4,4-DDT	<0.100	ug/L		6/2/2015
Aldrin	<0.100	ug/L		6/2/2015
alpha-BHC	<0.100	ug/L		6/2/2015
beta-BHC	<0.100	ug/L		6/2/2015
cis-Chlordane	<0.100	ug/L		6/2/2015
delta-BHC	<0.100	ug/L		6/2/2015
Dieldrin	<0.100	ug/L		6/2/2015
Endosulfan I	<0.100	ug/L		6/2/2015
Endosulfan II	<0.100	ug/L		6/2/2015
Endosulfan Sulfate	<0.100	ug/L		6/2/2015
Endrin	<0.100	ug/L		6/2/2015
Endrin Aldehyde	<0.100	ug/L		6/2/2015
gamma-BHC (Lindane)	<0.100	ug/L		6/2/2015
Heptachlor	<0.100	ug/L		6/2/2015
Heptachlor Epoxide	<0.100	ug/L		6/2/2015
Methoxychlor	<0.100	ug/L		6/2/2015
Toxaphene	<1.00	ug/L		6/2/2015
trans-Chlordane	<0.100	ug/L		6/2/2015

Method Reference(s): EPA 608
Preparation Date: 6/2/2015
QC Batch ID: QC150602PESTW
QC Number: 1

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Chlorinated Pesticides

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
4,4-DDD (1)	0.500	ug/L	0.384	76.7	35.5 - 136		6/3/2015
4,4-DDE (1)	0.500	ug/L	0.375	75.0	43.9 - 111.2		6/3/2015
4,4-DDT (1)	0.500	ug/L	0.343	68.5	27.9 - 113		6/3/2015
Aldrin (1)	0.500	ug/L	0.313	62.6	38.2 - 90.6		6/3/2015
alpha-BHC (1)	0.500	ug/L	0.303	60.6	36.6 - 97.4		6/2/2015
beta-BHC (1)	0.500	ug/L	0.313	62.7	38.3 - 103		6/3/2015
cis-Chlordane (1)	0.500	ug/L	0.339	67.8	46.7 - 103		6/3/2015
delta-BHC (1)	0.500	ug/L	0.334	66.8	33.5 - 114.1		6/3/2015
Dieldrin (1)	0.500	ug/L	0.331	66.2	45.7 - 103		6/3/2015
Endosulfan I (1)	0.500	ug/L	0.329	65.8	39 - 104		6/3/2015
Endosulfan II (1)	0.500	ug/L	0.345	69.0	33.5 - 120		6/3/2015
Endosulfan Sulfate (1)	0.500	ug/L	0.358	71.7	36.3 - 128		6/3/2015
Endrin (1)	0.500	ug/L	0.349	69.7	44.7 - 108		6/3/2015
Endrin Aldehyde (1)	0.500	ug/L	0.333	66.6	37 - 119.6		6/3/2015
Endrin Ketone (1)	0.500	ug/L	0.359	71.7	33.3 - 127		6/3/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Chlorinated Pesticides

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
gamma-BHC (Lindane) (1)	0.500	ug/L	0.315	63.0	40.1 - 92.4		6/2/2015
Heptachlor (1)	0.500	ug/L	0.303	60.6	44.9 - 92.2		6/3/2015
Heptachlor Epoxide (1)	0.500	ug/L	0.342	68.4	48.6 - 101		6/3/2015
Methoxychlor (1)	0.500	ug/L	0.376	75.3	20 - 138		6/3/2015
trans-Chlordane (1)	0.500	ug/L	0.337	67.4	47 - 107		6/3/2015
Method Reference(s):	EPA 608						
Preparation Date:	6/2/2015						
Data File:	PST10872.D						
QC Number:	1						
QC Batch ID:	QC150602PESTW						

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



Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,2,4-Trichlorobenzene	<5.00	ug/L		5/29/2015	13:40
1,2-Dichlorobenzene	<5.00	ug/L		5/29/2015	13:40
1,3-Dichlorobenzene	<5.00	ug/L		5/29/2015	13:40
1,4-Dichlorobenzene	<5.00	ug/L		5/29/2015	13:40
2,4,6-Trichlorophenol	<5.00	ug/L		5/29/2015	13:40
2,4-Dichlorophenol	<5.00	ug/L		5/29/2015	13:40
2,4-Dimethylphenol	<5.00	ug/L		5/29/2015	13:40
2,4-Dinitrophenol	<10.0	ug/L		5/29/2015	13:40
2,4-Dinitrotoluene	<5.00	ug/L		5/29/2015	13:40
2,6-Dinitrotoluene	<5.00	ug/L		5/29/2015	13:40
2-Chloronaphthalene	<5.00	ug/L		5/29/2015	13:40
2-Chlorophenol	<5.00	ug/L		5/29/2015	13:40
2-Nitrophenol	<5.00	ug/L		5/29/2015	13:40
3,3'-Dichlorobenzidine	<5.00	ug/L		5/29/2015	13:40
4,6-Dinitro-2-methylphenol	<10.0	ug/L		5/29/2015	13:40
4-Bromophenyl phenyl ether	<5.00	ug/L		5/29/2015	13:40
4-Chloro-3-methylphenol	<5.00	ug/L		5/29/2015	13:40
4-Chlorophenyl phenyl ether	<5.00	ug/L		5/29/2015	13:40
4-Nitrophenol	<10.0	ug/L		5/29/2015	13:40
Acenaphthene	<5.00	ug/L		5/29/2015	13:40
Acenaphthylene	<5.00	ug/L		5/29/2015	13:40
Anthracene	<5.00	ug/L		5/29/2015	13:40
Benzidine	<10.0	ug/L		5/29/2015	13:40
Benzo (a) anthracene	<5.00	ug/L		5/29/2015	13:40
Benzo (a) pyrene	<5.00	ug/L		5/29/2015	13:40
Benzo (b) fluoranthene	<5.00	ug/L		5/29/2015	13:40
Benzo (g,h,i) perylene	<5.00	ug/L		5/29/2015	13:40
Benzo (k) fluoranthene	<5.00	ug/L		5/29/2015	13:40

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



Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Bis (2-chloroethoxy) methane	<5.00	ug/L		5/29/2015	13:40
Bis (2-chloroethyl) ether	<5.00	ug/L		5/29/2015	13:40
Bis (2-chloroisopropyl) ether	<5.00	ug/L		5/29/2015	13:40
Bis (2-ethylhexyl) phthalate	<5.00	ug/L		5/29/2015	13:40
Butylbenzylphthalate	<5.00	ug/L		5/29/2015	13:40
Chrysene	<5.00	ug/L		5/29/2015	13:40
Dibenz (a,h) anthracene	<5.00	ug/L		5/29/2015	13:40
Diethyl phthalate	<5.00	ug/L		5/29/2015	13:40
Dimethyl phthalate	<10.0	ug/L		5/29/2015	13:40
Di-n-butyl phthalate	<5.00	ug/L		5/29/2015	13:40
Di-n-octylphthalate	<5.00	ug/L		5/29/2015	13:40
Fluoranthene	<5.00	ug/L		5/29/2015	13:40
Fluorene	<5.00	ug/L		5/29/2015	13:40
Hexachlorobenzene	<5.00	ug/L		5/29/2015	13:40
Hexachlorobutadiene	<5.00	ug/L		5/29/2015	13:40
Hexachlorocyclopentadiene	<5.00	ug/L		5/29/2015	13:40
Hexachloroethane	<5.00	ug/L		5/29/2015	13:40
Indeno (1,2,3-cd) pyrene	<5.00	ug/L		5/29/2015	13:40
Isophorone	<5.00	ug/L		5/29/2015	13:40
Naphthalene	<5.00	ug/L		5/29/2015	13:40
Nitrobenzene	<5.00	ug/L		5/29/2015	13:40
N-Nitrosodimethylamine	<5.00	ug/L		5/29/2015	13:40
N-Nitroso-di-n-propylamine	<5.00	ug/L		5/29/2015	13:40
N-Nitrosodiphenylamine	<5.00	ug/L		5/29/2015	13:40
Pentachlorophenol	<10.0	ug/L		5/29/2015	13:40
Phenanthrene	<5.00	ug/L		5/29/2015	13:40
Phenol	<5.00	ug/L		5/29/2015	13:40
Pyrene	<5.00	ug/L		5/29/2015	13:40

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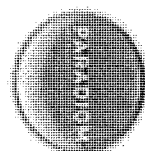


Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Method Reference(s):	EPA 625			
Preparation Date:	5/29/2015			
Data File:	B05422.D			
QC Batch ID:	QC150529ABNW1			
QC Number:	1			



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QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

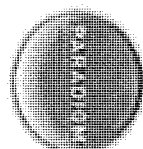
SDG #: 2119-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Analyzed Date
1,2,4-Trichlorobenzene	50.0	ug/L	38.2	76.4	44 - 142		5/29/2015
1,2-Dichlorobenzene	50.0	ug/L	36.2	72.3	32 - 129		5/29/2015
1,3-Dichlorobenzene	50.0	ug/L	35.9	71.9	0 - 172		5/29/2015
1,4-Dichlorobenzene	50.0	ug/L	36.1	72.3	20 - 124		5/29/2015
2,4,6-Trichlorophenol	75.0	ug/L	64.5	85.9	37 - 144		5/29/2015
2,4-Dichlorophenol	75.0	ug/L	61.9	82.5	39 - 135		5/29/2015
2,4-Dimethylphenol	75.0	ug/L	59.0	78.7	32 - 119		5/29/2015
2,4-Dinitrophenol	75.0	ug/L	50.2	66.9	0 - 191		5/29/2015
2,4-Dinitrotoluene	50.0	ug/L	41.9	83.8	39 - 139		5/29/2015
2,6-Dinitrotoluene	50.0	ug/L	39.5	79.1	50 - 158		5/29/2015
2-Chloronaphthalene	50.0	ug/L	39.0	78.0	60 - 118		5/29/2015
2-Chlorophenol	75.0	ug/L	55.1	73.5	23 - 134		5/29/2015
2-Nitrophenol	75.0	ug/L	60.2	80.2	29 - 182		5/29/2015
4,6-Dinitro-2-methylphenol	75.0	ug/L	60.3	80.4	0 - 181		5/29/2015
4-Bromophenyl phenyl ether	50.0	ug/L	42.4	84.8	53 - 127		5/29/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

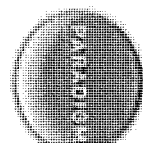
SDG #: 2119-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
4-Chloro-3-methylphenol	75.0	ug/L	60.3	80.4	22 - 147		5/29/2015
4-Chlorophenyl phenyl ether	50.0	ug/L	41.7	83.4	25 - 158		5/29/2015
4-Nitrophenol	75.0	ug/L	20.6	27.5	0 - 132		5/29/2015
Acenaphthene	50.0	ug/L	41.4	82.9	47 - 145		5/29/2015
Acenaphthylene	50.0	ug/L	34.3	68.7	33 - 145		5/29/2015
Anthracene	50.0	ug/L	36.8	73.5	27 - 133		5/29/2015
Benzo (a) anthracene	50.0	ug/L	43.2	86.4	33 - 143		5/29/2015
Benzo (a) pyrene	50.0	ug/L	32.4	64.8	17 - 163		5/29/2015
Benzo (b) fluoranthene	50.0	ug/L	38.1	76.2	24 - 159		5/29/2015
Benzo (g,h,i) perylene	50.0	ug/L	42.0	84.0	0 - 219		5/29/2015
Benzo (k) fluoranthene	50.0	ug/L	42.9	85.8	11 - 162		5/29/2015
Bis (2-chloroethoxy) methane	50.0	ug/L	39.0	78.0	33 - 184		5/29/2015
Bis (2-chloroethyl) ether	50.0	ug/L	35.1	70.3	12 - 158		5/29/2015
Bis (2-chloroisopropyl) ether	50.0	ug/L	37.3	74.6	36 - 166		5/29/2015
Bis (2-ethylhexyl) phthalate	50.0	ug/L	42.5	84.9	8 - 158		5/29/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

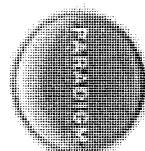
SDG #: 2119-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	<u>LCS %</u>	<u>% Rec</u>	<u>LCS</u>	<u>Date</u>
	<u>Added</u>	<u>Units</u>	<u>Result</u>	<u>Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Analyzed</u>
Butylbenzylphthalate	50.0	ug/L	42.4	84.8	0 - 152		5/29/2015
Chrysene	50.0	ug/L	42.3	84.6	17 - 168		5/29/2015
Dibenz (a,h) anthracene	50.0	ug/L	32.0	64.0	0 - 227		5/29/2015
Diethyl phthalate	50.0	ug/L	41.8	83.5	0 - 114		5/29/2015
Dimethyl phthalate	50.0	ug/L	42.1	84.2	0 - 112		5/29/2015
Di-n-butyl phthalate	50.0	ug/L	43.6	87.2	1 - 118		5/29/2015
Di-n-octylphthalate	50.0	ug/L	42.1	84.2	4 - 146		5/29/2015
Fluoranthene	50.0	ug/L	42.0	84.0	26 - 137		5/29/2015
Fluorene	50.0	ug/L	42.3	84.7	59 - 121		5/29/2015
Hexachlorobenzene	50.0	ug/L	41.7	83.5	0 - 152		5/29/2015
Hexachlorobutadiene	50.0	ug/L	38.9	77.8	24 - 116		5/29/2015
Hexachloroethane	50.0	ug/L	34.9	69.7	40 - 113		5/29/2015
Indeno (1,2,3-cd) pyrene	50.0	ug/L	37.1	74.3	0 - 171		5/29/2015
Isophorone	50.0	ug/L	27.2	54.5	21 - 196		5/29/2015
Naphthalene	50.0	ug/L	39.3	78.5	21 - 133		5/29/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
Nitrobenzene	50.0	ug/L	35.4	70.7	35 - 180		5/29/2015
N-Nitroso-di-n-propylamine	50.0	ug/L	38.5	76.9	0 - 230		5/29/2015
Pentachlorophenol	75.0	ug/L	62.7	83.6	14 - 176		5/29/2015
Phenanthrene	50.0	ug/L	41.1	82.3	54 - 120		5/29/2015
Phenol	75.0	ug/L	25.2	33.6	5 - 112		5/29/2015
Pyrene	50.0	ug/L	42.3	84.5	52 - 115		5/29/2015

Method Reference(s): EPA 625

Preparation Date: 5/29/2015

Data File: B05434.D

QC Number: 1

QC Batch ID: QC150529ABNW1

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



Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,1,1-Trichloroethane	<2.00	ug/L		5/29/2015	15:05
1,1,2,2-Tetrachloroethane	<2.00	ug/L		5/29/2015	15:05
1,1,2-Trichloroethane	<2.00	ug/L		5/29/2015	15:05
1,1-Dichloroethane	<2.00	ug/L		5/29/2015	15:05
1,1-Dichloroethene	<2.00	ug/L		5/29/2015	15:05
1,2-Dichlorobenzene	<2.00	ug/L		5/29/2015	15:05
1,2-Dichloroethane	<2.00	ug/L		5/29/2015	15:05
1,2-Dichloropropane	<2.00	ug/L		5/29/2015	15:05
1,3-Dichlorobenzene	<2.00	ug/L		5/29/2015	15:05
1,4-Dichlorobenzene	<2.00	ug/L		5/29/2015	15:05
2-Chloroethyl vinyl Ether	<10.0	ug/L		5/29/2015	15:05
Benzene	<0.700	ug/L		5/29/2015	15:05
Bromodichloromethane	<2.00	ug/L		5/29/2015	15:05
Bromoform	<5.00	ug/L		5/29/2015	15:05
Bromomethane	<2.00	ug/L		5/29/2015	15:05
Carbon Tetrachloride	<2.00	ug/L		5/29/2015	15:05
Chlorobenzene	<2.00	ug/L		5/29/2015	15:05
Chloroethane	<2.00	ug/L		5/29/2015	15:05
Chloroform	<2.00	ug/L		5/29/2015	15:05
Chloromethane	<2.00	ug/L		5/29/2015	15:05
cis-1,3-Dichloropropene	<2.00	ug/L		5/29/2015	15:05
Dibromochloromethane	<2.00	ug/L		5/29/2015	15:05
Ethylbenzene	<2.00	ug/L		5/29/2015	15:05
Methylene chloride	<5.00	ug/L		5/29/2015	15:05
Tetrachloroethene	<2.00	ug/L		5/29/2015	15:05
Toluene	<2.00	ug/L		5/29/2015	15:05
trans-1,2-Dichloroethene	<2.00	ug/L		5/29/2015	15:05
trans-1,3-Dichloropropene	<2.00	ug/L		5/29/2015	15:05

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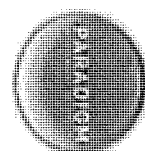
Method Blank Report

Client: Stantec
Project Reference: 190500647.243 Former AMSF Facility
Lab Project ID: 152119
SDG #: 2119-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Trichloroethene	<2.00	ug/L		5/29/2015 15:05
Trichlorofluoromethane	<2.00	ug/L		5/29/2015 15:05
Vinyl chloride	<2.00	ug/L		5/29/2015 15:05

Method Reference(s): EPA 624
Data File: x23174.D
QC Batch ID: voaasp052915
QC Number: 1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L	20.7	104	52 - 162		5/29/2015
1,1,2,2-Tetrachloroethane	20.0	ug/L	22.2	111	46 - 157		5/29/2015
1,1,2-Trichloroethane	20.0	ug/L	20.1	100	52 - 150		5/29/2015
1,1-Dichloroethane	20.0	ug/L	20.3	101	59 - 155		5/29/2015
1,1-Dichloroethene	20.0	ug/L	20.1	101	0 - 234		5/29/2015
1,2-Dichlorobenzene	20.0	ug/L	22.0	110	18 - 190		5/29/2015
1,2-Dichloroethane	20.0	ug/L	20.9	105	49 - 155		5/29/2015
1,2-Dichloropropane	20.0	ug/L	20.0	99.8	0 - 210		5/29/2015
1,3-Dichlorobenzene	20.0	ug/L	21.0	105	59 - 156		5/29/2015
1,4-Dichlorobenzene	20.0	ug/L	20.9	104	18 - 190		5/29/2015
Benzene	20.0	ug/L	20.9	105	37 - 151		5/29/2015
Bromodichloromethane	20.0	ug/L	21.2	106	35 - 155		5/29/2015
Bromoform	20.0	ug/L	20.7	103	45 - 169		5/29/2015
Bromomethane	20.0	ug/L	21.3	106	0 - 242		5/29/2015
Carbon Tetrachloride	20.0	ug/L	21.2	106	70 - 140		5/29/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chlorobenzene	20.0	ug/L	21.2	106	37 - 160		5/29/2015
Chloroethane	20.0	ug/L	22.1	111	14 - 230		5/29/2015
Chloroform	20.0	ug/L	20.8	104	51 - 138		5/29/2015
Chloromethane	20.0	ug/L	22.3	112	0 - 273		5/29/2015
cis-1,3-Dichloropropene	20.0	ug/L	23.5	118	0 - 227		5/29/2015
Dibromochloromethane	20.0	ug/L	21.0	105	53 - 149		5/29/2015
Ethylbenzene	20.0	ug/L	21.8	109	37 - 162		5/29/2015
Methylene chloride	20.0	ug/L	21.7	109	0 - 221		5/29/2015
Tetrachloroethene	20.0	ug/L	21.6	108	64 - 148		5/29/2015
Toluene	20.0	ug/L	20.6	103	47 - 150		5/29/2015
trans-1,2-Dichloroethene	20.0	ug/L	20.0	100	54 - 156		5/29/2015
trans-1,3-Dichloropropene	20.0	ug/L	22.5	113	17 - 183		5/29/2015
Trichloroethene	20.0	ug/L	21.1	106	71 - 157		5/29/2015
Trichlorofluoromethane	20.0	ug/L	21.7	108	17 - 181		5/29/2015
Vinyl chloride	20.0	ug/L	23.7	118	0 - 251		5/29/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: 190500647.243 Former AMSF Facility

Lab Project ID: 152119

SDG #: 2119-01

Matrix: Wastewater

Volatile Organics

Analyte	Method Reference(s):	EPA 624	Spike	Spike	LCS	LCS %	% Rec	LCS	Date
	Data File:	x23173.D	Added	Units	Result	Recovery	Limits	Outliers	Analyzed
	QC Number:	1							
	QC Batch ID:	voaasp052915							

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Analytical Report Appendix

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

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term, or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.


Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.





REPORT TO:

CLIENT: STANTEC

ADDRESS: 61 Commercial St.

CITY: Rochester NY

STATE: NY

ZIP: 14614

CITY: Rochester NY

STATE: NY

ZIP: 14614

INVOICE TO:

CLIENT: STATE

ADDRESS:

CITY:

STATE:

ZIP:

LAB PROJECT ID

152119

Quotation #:

PROJECT REFERENCE

190500647, 243

FORMER AWSF Facility

ATTN: Tom Wells

Matrix Codes:

AQ - Aqueous Liquid

NQ - Non-Aqueous Liquid

WA - Water

WG - Groundwater

DW - Drinking Water

WW - Wastewater

SO - Soil

SL - Sludge

SD - Solid

PT - Paint

WP - Wipe

CK - Caulk

OL - Oil

AR - Air

DATE COLLECTED

5/28/15

TIME COLLECTED

1430

C O M P O S I T E

G R A B

SAMPLE IDENTIFIER

AWSF-R/W34-WW

M C A O D R E I S

C O N T A I N E R S

VOCs (624)

SVOCs (625)

Pesticides (608)

PCBs (608)

Metals *

TPH (1664 A)

REMARKS

Metals: Cd, Cr, Cu, As, Pb, Ag, Ni, Zn

PARADIGM LAB SAMPLE NUMBER

01

Turnaround Time

Availability contingent upon lab approval; additional fees may apply.

Report Supplements

Standard 5 day

Rush 3 day

Rush 2 day

Rush 1 day

Other

Batch QC

Category A

Category B

Other

Basic EDD

NYSDEC EDD

Other EDD

Other EDD

Sampled By

James Best

Date/Time

5/28/15 14:45

Relinquished By

Tom Wells

Date/Time

5/28/15 14:45

Received By

James Best

Date/Time

5/28/15 15:00

Received @ Lab By

James Best

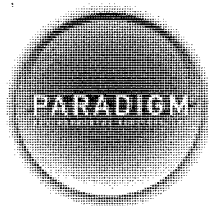
Date/Time

5/28/15 15:23

Total Cost:

P.L.F.

2012



Chain of Custody Supplement

Client: Stanter Completed by: Molly Laid
 Lab Project ID: 152119 Date: 5/28/15

Sample Condition Requirements

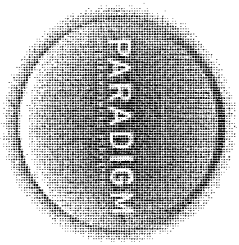
Per NELAC/ELAP 210/241/242/243/244


NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/> <i>VOA, metals, TPH</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<i>VOA:</i>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <i>metals</i>
Comments	<i>6°C 5/28/15 15:12 hrs</i>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			

CHAIN OF CUSTODY

ENVIROTEST: ELAP ID: 10142

96425-4/071



		REPORT TO: Paradigm Environmental		INVOICE TO:	
COMPANY:		COMPANY:		LAB PROJECT #:	
ADDRESS:		ADDRESS:		CLIENT PROJECT #:	
CITY:		CITY:		TURKASOUND TIME (WORKING DAYS)	
STATE:		STATE:			
ZIP:		ZIP:			
PHONE:		PHONE:			
FAX:		FAX:			
ATTN:		ATTN:			
Kate Hansen		Meredith Dillman			
COMMENTS: Please email results to khansen@paradigmenvy.com and reporting@paradigmenvy.com					
REQUESTED ANALYSIS					
Date Due: 6/5				STD	
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5				OTHER	

DATE	TIME	COMPOSITION	GRAIN	SAMPLE LOCATION/FIELD ID	MATRIX	CONCENTRATION	REMARKS	PARADIGM LAB SAMPLE NUMBER
15/08/15	14:30		X	152119-01	WU	1	Report Run QC	
2								
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAP/CLAP 2.10/24.1/24.2/24.3/24.4

Receipt Parameter

NELAP Compliance

Comments:	Container Type:	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Comments:	Preservation:	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Comments:	Holding Time:	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Comments:	Temperature:	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>

58

Client		Total Cost:
Sampled By	Date/Time	
Relinquished By	Date/Time	
Received By	Date/Time	P.L.F.
Received @ Lab By	Date/Time	

ANALYTICAL REPORT

Job Number: 420-90835-4

Job Description: Paradigm Environmental, Inc. (152119)

For:
Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608

Attention: Kathryn Hansen



Meredith W Ruthven
Customer Service Manager
mruthven@envirotestlaboratories.com
06/18/2015

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOPH PH-0554

Job Narrative
420-J90835-4

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

Organic Prep

Method 1664A: LCS/LCSD

The sample results for HEM was "undetected" in all the samples in this analytical batch therefore the SGT portion of the analysis was not performed on the samples as well as the LCS/LCSD.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
--------------------------	------------------	--------------------	--------------------	-------	--------

No Detections

METHOD SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Description	Lab Location	Method	Preparation Method
Matrix: Water			
HEM and SGT-HEM by Extraction and Gravimetry	EnvTest	1664A 1664A	
HEM and SGT-HEM by Extraction and	EnvTest		1664A 1664A

Lab References:

EnvTest = EnviroTest

Method References:

1664A = EPA-821-98-002

METHOD / ANALYST SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Method	Analyst	Analyst ID
1664A 1664A	Vollmer, William	WB

SAMPLE SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-90835-7	152119-01	Water	05/28/2015 1430	05/29/2015 1000

SAMPLE RESULTS

Analytical Data

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

General Chemistry

Client Sample ID: 152119-01

Lab Sample ID: 420-90835-7

Client Matrix: Water

Date Sampled: 05/28/2015 1430

Date Received: 05/29/2015 1000

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
HEM	5.0	U	mg/L	5.0	5.0	1.0	1664A
	Any Batch: 420-87361	Date Analyzed	06/02/2015 1020				
	Prep Batch: 420-87356	Date Prepared:	06/02/2015 1020				
SGT-HEM	5.0	U	mg/L	5.0	5.0	1.0	1664A
	Any Batch: 420-87361	Date Analyzed	06/02/2015 1020				
	Prep Batch: 420-87356	Date Prepared:	06/02/2015 1020				

DATA REPORTING QUALIFIERS

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Lab Section	Qualifier	Description
General Chemistry	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 420-87356					
LCS 420-87356/2-A	Lab Control Spike	T	Water	1664A	
LCSD 420-87356/3-A	Lab Control Spike Duplicate	T	Water	1664A	
MB 420-87356/1-A	Method Blank	T	Water	1664A	
420-90835-7	152119-01	T	Water	1664A	
Analysis Batch: 420-87361					
LCS 420-87356/2-A	Lab Control Spike	T	Water	1664A	420-87356
LCSD 420-87356/3-A	Lab Control Spike Duplicate	T	Water	1664A	420-87356
MB 420-87356/1-A	Method Blank	T	Water	1664A	420-87356
420-90835-7	152119-01	T	Water	1664A	420-87356

Report Basis

T = Total

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Method Blank - Batch: 420-87356

Method: 1664A

Preparation: 1664A

Lab Sample ID: MB 420-87356/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/02/2015 1020
Date Prepared: 06/02/2015 1020

Analysis Batch: 420-87361
Prep Batch: 420-87356
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	PQL	PQL
HEM	5.0	U	5.0	5.0
SGT-HEM	5.0	U	5.0	5.0

Lab Control Spike/

Method: 1664A

Lab Control Spike Duplicate Recovery Report - Batch: 420-87356

Preparation: 1664A

LCS Lab Sample ID: LCS 420-87356/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/02/2015 1020
Date Prepared: 06/02/2015 1020

Analysis Batch: 420-87361
Prep Batch: 420-87356
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 420-87356/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/02/2015 1020
Date Prepared: 06/02/2015 1020

Analysis Batch: 420-87361
Prep Batch: 420-87356
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
HEM	94	96	78 - 114	2	20		
SGT-HEM							

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 420-87356

Method: 1664A
Preparation: 1664A

LCS Lab Sample ID: LCS 420-87356/2-A Units: mg/L
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/02/2015 1020
Date Prepared: 06/02/2015 1020

LCSD Lab Sample ID: LCSD 420-87356/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/02/2015 1020
Date Prepared: 06/02/2015 1020

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
HEM	40.0	40.0	38	38
SGT-HEM	20.0	20.0	N/A	N/A

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Paradigm Environmental Services, Inc.

Job Number: 420-90835-4

Login Number: 90835

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is recorded.	True	5.8 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

SPECIALTY SHORT TERM DISCHARGE PERMIT

CK 1684 Rec'd
EMCounty of Monroe Pure Waters District No. 8571ST- Permit No: ST-288Expires: 9/30/15

Fee: \$125.00

Firm Name Maguire Family Properties, Inc.Address Site Address: 12 Pixley Industrial Parkway, Town of GatesMailing Address: 770 Rock Beach Road, Rochester, NY 14617Type of Business or Service Multi-tenant commercial and light industrial facility

I. The above-named applicant is permitted to discharge wastes into the Monroe County Pure Waters Sewer system or Tributary thereto as applied for by an application dated _____ and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

- A. _____
B. _____
C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.
2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers as listed in the application. The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in the application or (2) new wastes that were not listed in the application.
3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.
4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.
5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.
6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Name (please print) Dennis P. MaguireApplicant's Signature Dennis P. MaguireDate 6/17/15Applicant's Title PresidentPhone (585) 338-2269Emergency Contact Maguire FP security servicePhone (585) 370-6198Renewal Approved by: Michael J. Garland

Michael J. Garland, P.E.

Director of Environmental Services-Pure Waters
Monroe CountyIssued this 25 day of June 20 15

Office of Industrial Waste Control

Monroe County Department of Environmental Services

145 Paul Road - Bldg. 1, Rochester, New York 14624 - (585) 753-7600, Option 4, fax: (585) 324-1213

www.monroecounty.gov/dea-industrial-waste.php

printed on recycled paper

COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE

Maguire Family Properties, Inc.
770 Rock Beach Rd
Rochester, NY 14617

PERMIT NUMBER: ST-288
DISTRICT NUMBER: 8571

SITE LOCATION: 12 Pixley Industrial Parkway
Gates, NY 14624

Source of Discharge (Sample point): Frac Tank and Sample Drums

REQUIREMENTS

SELF MONITORING FREQUENCY: 1. **Each and Every Batch Discharge**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. A grab sample, collected from the above noted sample point shall be analyzed for the following:

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. All analysis must be performed using wastewater testing methods. A grab sample, collected from the above noted sample point, must be analyzed for the following:

<u>Metals</u>	<u>Limit mg/l</u>
Cadmium (Cd)	1.0
Chromium (Cr)	3.0
Copper (Cu)	3.0
Lead (Pb)	1.0
Nickel (Ni)	3.0
Silver (Ag)	2.0
Zinc (Zn)	5.0
Arsenic (As)	0.5

- *Volatile Organic Compounds (VOC's)
- *Semi-volatile Organic Compounds (SVOC's)
- *Pesticides and PCB's
- **Total Petroleum Hydrocarbons (TPH)

*The summation of the VOC's, SVOC's, Pesticides and PCB's which are detected at or greater than 10 µg/L cannot exceed 2.13 mg/L.

** The limit for TPH is 100 mg/l.

SPECIAL CONDITIONS:

1. Sample results for each batch discharge must be reviewed and approved by Monroe County prior to discharge to the sanitary sewer.
2. All future discharges must be approved by Monroe County.
3. Discharge rate is not to exceed 40 gpm.



Stantec Consulting Services Inc.

61 Commercial Street, Suite 100, Rochester NY 14614-1009

November 4, 2015

File: 190500647

Attention: Ms. Erin Magee

Monroe County Department of Environmental Services
Industrial Waste Control
145 Paul Road, Bldg. 1
Rochester, NY 14624

Dear Erin,

Reference: Specialty Short Term Discharge Permit ST-288

Maguire Family Properties, Inc.
12 Pixley Industrial Parkway
Gates, New York

On behalf of Maguire Family Properties, Inc. (Maguire), Stantec Consulting Services Inc. (Stantec) presents this request for approval to discharge a second batch of investigation-derived wastewater under the permit referenced above. This second batch, which should be the last, consists of the following:

- Approximately 2,000 gallons of groundwater purged from on-site storm water recharge well RW-2 and approximately 500 gallons of mixed storm water and groundwater purged from on-site storm water recharge well RW-3 together make up the majority of the volume to be discharged.

Samples of the water collected from each of the two recharge wells were collected for laboratory analysis. Analytical report pages for those samples are provided in Attachment 1, and the results are summarized in Table 1.

- Approximately 100 gallons of purge water (groundwater) and equipment rinse water collected during our June and August groundwater sampling activities at the site make up the balance of the volume to be discharged.

A composite sample of the water present in the two drums was collected for laboratory analysis. A copy of the analytical report is provided in Attachment 2, and the results are summarized in Table 1.

As shown on Table 1, all contaminant concentrations detected in the three wastewater samples were below the County's permit limits.



November 4, 2015
Ms. Erin Magee
Page 2

Reference: Specialty Short Term Discharge Permit ST-288

We look forward to your response to this request. Please contact me if you have any questions or require additional information.

Regards,

STANTEC CONSULTING SERVICES INC.

Thomas D. Wells
Senior Geologist
Phone: (585) 413-5271
Cell: (585) 752-7335
Tom.Wells@stantec.com

Attachments:

Table 1 - Summary of Contaminants Detected in Wastewater Samples

Attachment 1 - Sample Analysis Results for Recharge Well Cleanout Wastewater Samples WW-RW-2 and WW-RW-3

Attachment 2 - Sample Analysis Results for Wastewater Sample AMSF-Purge Water-20151027

cc. D. Maguire, P. Sylvestri, T. Schneider

Table 1
Summary of Contaminants Detected in Wastewater
from August 2015 Recharge Well Cleanout Activities and
2015 Groundwater Sampling Activities
Former Alliance Metal Stamping & Fabrication Facility Site
12 Pixley Industrial Parkway, Gates, New York

Sample Medium	Investigation wastewater sample WW-RW-2 (recharge well RW-2 water collected on 8/14/2015)	Investigation wastewater sample WW-RW-3 (recharge well RW-3 water collected on 8/14/2015)	Investigation wastewater sample AMSF-Purge Water-20151027 (composite sample collected on 10/27/2015)
Concentration Units	Milligrams per Liter (mg/L)		
Chemical Analyte(s)			
Volatile Organic Compounds (VOCs)			
1,1,1-Trichloroethane (1,1,1-TCA)	0.268	0.020	0.014
1,1-Dichloroethane (1,1-DCA)	0.016	0.005	0.025
1,1-Dichloroethene (1,1-DCE)	0.004	ND (<0.002)	ND (<0.002)
Tetrachloroethylene (PCE)	ND (<0.004)	0.019	0.002
Trichloroethylene (TCE)	0.002	ND (<0.002)	ND (<0.002)
Benzene	ND (<0.002)	ND (<0.001)	ND (<0.001)
Toluene	0.124	0.114	ND (<0.002)
Ethylbenzene	ND (<0.004)	ND (<0.002)	ND (<0.002)
Other VOCs	ND (<0.02)	ND (<0.01)	ND (<0.01)
Semi-volatiles (SVOCs)			
Bis (2-ethylhexyl) phthalate	0.0078	ND (<0.01)	ND (<0.01)
Phenanthrene	ND (<0.01)	0.00983	ND (<0.01)
Other SVOCs	ND (<0.02)	ND (<0.02)	ND (<0.02)
Pesticides:			
Aldrin	0.000089	0.000477	ND (<0.0001)
alpha-BHC	0.000927	0.00559	ND (<0.0001)
beta-BHC	0.00251	0.014	ND (<0.0001)
delta-BHC	0.0000715	0.00036	ND (<0.0001)
gamma-BHC (Lindane)	ND (<0.0001)	0.00118	ND (<0.0001)
Heptachlor	0.000254	0.00267	ND (<0.0001)
Methoxychlor	0.0000664	ND (<0.005)	ND (<0.0001)
Toxaphene	ND (<0.001)	ND (<0.005)	ND (<0.001)
Other Pesticides	ND (<0.0001)	ND (<0.0005)	ND (<0.0001)
PCBs	ND (<0.001)	ND (<0.001)	ND (<0.001)
Summation of VOCs, SVOCs, Pesticides and PCBs detected at 10 ug/L or greater:	0.408	0.167	0.039
Petroleum Hydrocarbons			
Oil & Grease by HEM	ND (<5)	13	ND (<4)
Non-polar Oil & Grease by SGT-HEM	ND (<5)	7.2	ND (<4)
Metals			
Arsenic (As)	0.00329	0.00544	ND (<0.005)
Cadmium (Cd)	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)
Chromium (Cr)	ND (<0.005)	0.00305	ND (<0.005)
Copper (Cu)	0.00667	0.0134	ND (<0.0125)
Lead (Pb)	ND (<0.005)	ND (<0.005)	ND (<0.005)
Nickel (Ni)	ND (<0.02)	ND (<0.02)	ND (<0.02)
Silver (Ag)	0.00395	0.0271	ND (<0.005)
Zinc (Zn)	0.0315	0.0673	0.0243

ND = Not detected above laboratory detection/quantification limits

NA = Not analyzed

Attachment 1

Sample Analysis Results for
Recharge Well Cleanout Wastewater Samples
'WW-RW-2' and 'WW-RW-3'



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier: WW-RW-2

Lab Sample ID: 153429-01

Date Sampled: 8/14/2015

Matrix: Wastewater

Date Received: 8/14/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	0.00329	mg/L	J	8/24/2015 11:11
Cadmium	< 0.00250	mg/L		8/24/2015 11:11
Chromium	< 0.00500	mg/L		8/24/2015 11:11
Copper	0.00667	mg/L	J	8/24/2015 11:11
Lead	< 0.00500	mg/L		8/28/2015 11:26
Nickel	< 0.0200	mg/L		8/24/2015 11:11
Silver	0.00395	mg/L	J	8/24/2015 11:11
Zinc	0.0315	mg/L		8/24/2015 11:11

Due to QC outliers, sample redigested for lead on 8/26/2015. Associated QC is on QC Batch: QC150826ww.

Method Reference(s): EPA 200.7

Preparation Date: 8/20/2015

Data File: 082415a

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		8/21/2015 01:33
PCB-1221	< 1.00	ug/L		8/21/2015 01:33
PCB-1232	< 1.00	ug/L		8/21/2015 01:33
PCB-1242	< 1.00	ug/L		8/21/2015 01:33
PCB-1248	< 1.00	ug/L		8/21/2015 01:33
PCB-1254	< 1.00	ug/L		8/21/2015 01:33
PCB-1260	< 1.00	ug/L		8/21/2015 01:33

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	42.0	0 - 148		8/21/2015 01:33
Tetrachloro-m-xylene	34.9	2.06 - 91.3		8/21/2015 01:33

Method Reference(s): EPA 608

Preparation Date: 8/20/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.100	ug/L		8/21/2015 14:17

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-2				
Lab Sample ID:	153429-01			Date Sampled:	8/14/2015
Matrix:	Wastewater			Date Received:	8/14/2015
4,4-DDE	< 0.100	ug/L			8/21/2015 14:17
4,4-DDT	< 0.100	ug/L			8/21/2015 14:17
Aldrin	0.0890	ug/L	JP		8/21/2015 14:17
alpha-BHC	0.927	ug/L			8/21/2015 14:17
beta-BHC	2.51	ug/L	P		8/21/2015 14:17
cis-Chlordane	< 0.100	ug/L			8/21/2015 14:17
delta-BHC	0.0715	ug/L	JP		8/21/2015 14:17
Dieldrin	< 0.100	ug/L			8/21/2015 14:17
Endosulfan I	< 0.100	ug/L			8/21/2015 14:17
Endosulfan II	< 0.100	ug/L			8/21/2015 14:17
Endosulfan Sulfate	< 0.100	ug/L			8/21/2015 14:17
Endrin	< 0.100	ug/L			8/21/2015 14:17
Endrin Aldehyde	< 0.100	ug/L			8/21/2015 14:17
gamma-BHC (Lindane)	< 0.100	ug/L			8/21/2015 14:17
Heptachlor	0.254	ug/L			8/21/2015 14:17
Heptachlor Epoxide	< 0.100	ug/L			8/21/2015 14:17
Methoxychlor	0.0664	ug/L	JP		8/21/2015 14:17
Toxaphene	< 1.00	ug/L			8/21/2015 14:17
trans-Chlordane	< 0.100	ug/L			8/21/2015 14:17
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
Decachlorobiphenyl (1)	74.3	38.2 - 137		8/21/2015 14:17	
Tetrachloro-m-xylene (1)	31.5	3.3 - 102.2		8/21/2015 14:17	

Method Reference(s): EPA 608
Preparation Date: 8/20/2015

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		8/19/2015 15:10
1,2-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:10
1,3-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:10
1,4-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:10
2,4,6-Trichlorophenol	< 10.0	ug/L		8/19/2015 15:10

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-2				
Lab Sample ID:	153429-01			Date Sampled:	8/14/2015
Matrix:	Wastewater			Date Received:	8/14/2015
2,4-Dichlorophenol	< 10.0	ug/L		8/19/2015	15:10
2,4-Dimethylphenol	< 10.0	ug/L		8/19/2015	15:10
2,4-Dinitrophenol	< 20.0	ug/L		8/19/2015	15:10
2,4-Dinitrotoluene	< 10.0	ug/L		8/19/2015	15:10
2,6-Dinitrotoluene	< 10.0	ug/L		8/19/2015	15:10
2-Chloronaphthalene	< 10.0	ug/L		8/19/2015	15:10
2-Chlorophenol	< 10.0	ug/L		8/19/2015	15:10
2-Nitrophenol	< 10.0	ug/L		8/19/2015	15:10
3,3'-Dichlorobenzidine	< 10.0	ug/L		8/19/2015	15:10
4,6-Dinitro-2-methylphenol	< 20.0	ug/L		8/19/2015	15:10
4-Bromophenyl phenyl ether	< 10.0	ug/L		8/19/2015	15:10
4-Chloro-3-methylphenol	< 10.0	ug/L		8/19/2015	15:10
4-Chlorophenyl phenyl ether	< 10.0	ug/L		8/19/2015	15:10
4-Nitrophenol	< 20.0	ug/L		8/19/2015	15:10
Acenaphthene	< 10.0	ug/L		8/19/2015	15:10
Acenaphthylene	< 10.0	ug/L		8/19/2015	15:10
Anthracene	< 10.0	ug/L		8/19/2015	15:10
Benzidine	< 20.0	ug/L		8/19/2015	15:10
Benzo (a) anthracene	< 10.0	ug/L		8/19/2015	15:10
Benzo (a) pyrene	< 10.0	ug/L		8/19/2015	15:10
Benzo (b) fluoranthene	< 10.0	ug/L		8/19/2015	15:10
Benzo (g,h,i) perylene	< 10.0	ug/L		8/19/2015	15:10
Benzo (k) fluoranthene	< 10.0	ug/L		8/19/2015	15:10
Bis (2-chloroethoxy) methane	< 10.0	ug/L		8/19/2015	15:10
Bis (2-chloroethyl) ether	< 10.0	ug/L		8/19/2015	15:10
Bis (2-chloroisopropyl) ether	< 10.0	ug/L		8/19/2015	15:10
Bis (2-ethylhexyl) phthalate	7.80	ug/L	J	8/19/2015	15:10
Butylbenzylphthalate	< 10.0	ug/L		8/19/2015	15:10
Chrysene	< 10.0	ug/L		8/19/2015	15:10
Dibenz (a,h) anthracene	< 10.0	ug/L		8/19/2015	15:10
Diethyl phthalate	< 10.0	ug/L		8/19/2015	15:10
Dimethyl phthalate	< 20.0	ug/L		8/19/2015	15:10

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-2			Date Sampled:	8/14/2015
Lab Sample ID:	153429-01			Date Received:	8/14/2015
Matrix:	Wastewater				
Di-n-butyl phthalate	< 10.0	ug/L		8/19/2015	15:10
Di-n-octylphthalate	< 10.0	ug/L		8/19/2015	15:10
Fluoranthene	< 10.0	ug/L		8/19/2015	15:10
Fluorene	< 10.0	ug/L		8/19/2015	15:10
Hexachlorobenzene	< 10.0	ug/L		8/19/2015	15:10
Hexachlorobutadiene	< 10.0	ug/L		8/19/2015	15:10
Hexachlorocyclopentadiene	< 10.0	ug/L		8/19/2015	15:10
Hexachloroethane	< 10.0	ug/L		8/19/2015	15:10
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		8/19/2015	15:10
Isophorone	< 10.0	ug/L		8/19/2015	15:10
Naphthalene	< 10.0	ug/L		8/19/2015	15:10
Nitrobenzene	< 10.0	ug/L		8/19/2015	15:10
N-Nitrosodimethylamine	< 10.0	ug/L		8/19/2015	15:10
N-Nitroso-di-n-propylamine	< 10.0	ug/L		8/19/2015	15:10
N-Nitrosodiphenylamine	< 10.0	ug/L		8/19/2015	15:10
Pentachlorophenol	< 20.0	ug/L		8/19/2015	15:10
Phenanthrene	< 10.0	ug/L		8/19/2015	15:10
Phenol	< 10.0	ug/L		8/19/2015	15:10
Pyrene	< 10.0	ug/L		8/19/2015	15:10
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	94.1	38.8 - 131		8/19/2015	15:10
2-Fluorobiphenyl	74.3	27.3 - 103		8/19/2015	15:10
2-Fluorophenol	49.8	6.27 - 105		8/19/2015	15:10
Nitrobenzene-d5	78.0	47.5 - 103		8/19/2015	15:10
Phenol-d5	32.6	0 - 102		8/19/2015	15:10
Terphenyl-d14	74.1	53.4 - 113		8/19/2015	15:10

Method Reference(s): EPA 625
Preparation Date: 8/19/2015
Data File: B07042.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	268	ug/L		8/20/2015 13:12

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-2			
Lab Sample ID:	153429-01		Date Sampled:	8/14/2015
Matrix:	Wastewater		Date Received:	8/14/2015
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		8/20/2015 13:12
1,1,2-Trichloroethane	< 4.00	ug/L		8/20/2015 13:12
1,1-Dichloroethane	16.1	ug/L		8/20/2015 13:12
1,1-Dichloroethene	4.34	ug/L		8/20/2015 13:12
1,2-Dichlorobenzene	< 4.00	ug/L		8/20/2015 13:12
1,2-Dichloroethane	< 4.00	ug/L		8/20/2015 13:12
1,2-Dichloropropane	< 4.00	ug/L		8/20/2015 13:12
1,3-Dichlorobenzene	< 4.00	ug/L		8/20/2015 13:12
1,4-Dichlorobenzene	< 4.00	ug/L		8/20/2015 13:12
2-Chloroethyl vinyl Ether	< 20.0	ug/L		8/20/2015 13:12
Benzene	< 2.00	ug/L		8/20/2015 13:12
Bromodichloromethane	< 4.00	ug/L		8/20/2015 13:12
Bromoform	< 10.0	ug/L		8/20/2015 13:12
Bromomethane	< 4.00	ug/L		8/20/2015 13:12
Carbon Tetrachloride	< 4.00	ug/L		8/20/2015 13:12
Chlorobenzene	< 4.00	ug/L		8/20/2015 13:12
Chloroethane	< 4.00	ug/L		8/20/2015 13:12
Chloroform	< 4.00	ug/L		8/20/2015 13:12
Chloromethane	< 4.00	ug/L		8/20/2015 13:12
cis-1,3-Dichloropropene	< 4.00	ug/L		8/20/2015 13:12
Dibromochloromethane	< 4.00	ug/L		8/20/2015 13:12
Ethylbenzene	< 4.00	ug/L		8/20/2015 13:12
Methylene chloride	< 10.0	ug/L		8/20/2015 13:12
Tetrachloroethene	< 4.00	ug/L		8/20/2015 13:12
Toluene	124	ug/L		8/20/2015 13:12
trans-1,2-Dichloroethene	< 4.00	ug/L		8/20/2015 13:12
trans-1,3-Dichloropropene	< 4.00	ug/L		8/20/2015 13:12
Trichloroethene	2.21	ug/L	J	8/20/2015 13:12
Trichlorofluoromethane	< 4.00	ug/L		8/20/2015 13:12
Vinyl chloride	< 4.00	ug/L		8/20/2015 13:12

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier: WW-RW-2

Lab Sample ID: 153429-01

Date Sampled: 8/14/2015

Matrix: Wastewater

Date Received: 8/14/2015

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	96.9	81.1 - 116		8/20/2015	13:12
4-Bromofluorobenzene	87.8	82.3 - 113		8/20/2015	13:12
Pentafluorobenzene	97.7	91.1 - 110		8/20/2015	13:12
Toluene-D8	92.5	91.4 - 106		8/20/2015	13:12

Method Reference(s): EPA 624

Data File: x25535.D

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier: WW-RW-3

Lab Sample ID: 153429-02

Date Sampled: 8/14/2015

Matrix: Wastewater

Date Received: 8/14/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	0.00544	mg/L		8/24/2015 11:24
Cadmium	< 0.00250	mg/L		8/24/2015 11:24
Chromium	0.00305	mg/L	J	8/24/2015 11:24
Copper	0.0134	mg/L		8/24/2015 11:24
Lead	< 0.00500	mg/L		8/28/2015 12:17
Nickel	< 0.0200	mg/L		8/24/2015 11:24
Silver	0.0271	mg/L		8/24/2015 11:24
Zinc	0.0673	mg/L		8/24/2015 11:24

Due to QC outliers, sample redigested for lead on 8/26/2015. Associated QC is on QC Batch: QC150826ww.

Method Reference(s): EPA 200.7

Preparation Date: 8/20/2015

Data File: 082415a

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		8/21/2015 01:57
PCB-1221	< 1.00	ug/L		8/21/2015 01:57
PCB-1232	< 1.00	ug/L		8/21/2015 01:57
PCB-1242	< 1.00	ug/L		8/21/2015 01:57
PCB-1248	< 1.00	ug/L		8/21/2015 01:57
PCB-1254	< 1.00	ug/L		8/21/2015 01:57
PCB-1260	< 1.00	ug/L		8/21/2015 01:57

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	41.7	0 - 148		8/21/2015 01:57
Tetrachloro-m-xylene	35.0	2.06 - 91.3		8/21/2015 01:57

Method Reference(s): EPA 608

Preparation Date: 8/20/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.500	ug/L		8/21/2015 14:31

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-3				
Lab Sample ID:	153429-02			Date Sampled:	8/14/2015
Matrix:	Wastewater			Date Received:	8/14/2015
4,4-DDE	< 0.500	ug/L			8/21/2015 14:31
4,4-DDT	< 0.500	ug/L			8/21/2015 14:31
Aldrin	0.477	ug/L	JP		8/21/2015 14:31
alpha-BHC	5.59	ug/L			8/21/2015 14:31
beta-BHC	14.0	ug/L			8/21/2015 14:31
cis-Chlordane	< 0.500	ug/L			8/21/2015 14:31
delta-BHC	0.360	ug/L	JP		8/21/2015 14:31
Dieldrin	< 0.500	ug/L			8/21/2015 14:31
Endosulfan I	< 0.500	ug/L			8/21/2015 14:31
Endosulfan II	< 0.500	ug/L			8/21/2015 14:31
Endosulfan Sulfate	< 0.500	ug/L			8/21/2015 14:31
Endrin	< 0.500	ug/L			8/21/2015 14:31
Endrin Aldehyde	< 0.500	ug/L			8/21/2015 14:31
gamma-BHC (Lindane)	1.18	ug/L	P		8/21/2015 14:31
Heptachlor	2.67	ug/L	P		8/21/2015 14:31
Heptachlor Epoxide	< 0.500	ug/L			8/21/2015 14:31
Methoxychlor	< 0.500	ug/L			8/21/2015 14:31
Toxaphene	< 5.00	ug/L			8/21/2015 14:31
trans-Chlordane	< 0.500	ug/L			8/21/2015 14:31
Surrogate	Percent Recovery		Limits	Outliers	Date Analyzed
Decachlorobiphenyl (1)	79.4		38.2 - 137		8/21/2015 14:31
Tetrachloro-m-xylene (1)	45.7		3.3 - 102.2		8/21/2015 14:31

Method Reference(s): EPA 608

Preparation Date: 8/20/2015

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		8/19/2015 15:39
1,2-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:39
1,3-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:39
1,4-Dichlorobenzene	< 10.0	ug/L		8/19/2015 15:39
2,4,6-Trichlorophenol	< 10.0	ug/L		8/19/2015 15:39

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-3			
Lab Sample ID:	153429-02			Date Sampled: 8/14/2015
Matrix:	Wastewater			Date Received: 8/14/2015
2,4-Dichlorophenol	< 10.0	ug/L		8/19/2015 15:39
2,4-Dimethylphenol	< 10.0	ug/L		8/19/2015 15:39
2,4-Dinitrophenol	< 20.0	ug/L		8/19/2015 15:39
2,4-Dinitrotoluene	< 10.0	ug/L		8/19/2015 15:39
2,6-Dinitrotoluene	< 10.0	ug/L		8/19/2015 15:39
2-Chloronaphthalene	< 10.0	ug/L		8/19/2015 15:39
2-Chlorophenol	< 10.0	ug/L		8/19/2015 15:39
2-Nitrophenol	< 10.0	ug/L		8/19/2015 15:39
3,3'-Dichlorobenzidine	< 10.0	ug/L		8/19/2015 15:39
4,6-Dinitro-2-methylphenol	< 20.0	ug/L		8/19/2015 15:39
4-Bromophenyl phenyl ether	< 10.0	ug/L		8/19/2015 15:39
4-Chloro-3-methylphenol	< 10.0	ug/L		8/19/2015 15:39
4-Chlorophenyl phenyl ether	< 10.0	ug/L		8/19/2015 15:39
4-Nitrophenol	< 20.0	ug/L		8/19/2015 15:39
Acenaphthene	< 10.0	ug/L		8/19/2015 15:39
Acenaphthylene	< 10.0	ug/L		8/19/2015 15:39
Anthracene	< 10.0	ug/L		8/19/2015 15:39
Benzidine	< 20.0	ug/L		8/19/2015 15:39
Benzo (a) anthracene	< 10.0	ug/L		8/19/2015 15:39
Benzo (a) pyrene	< 10.0	ug/L		8/19/2015 15:39
Benzo (b) fluoranthene	< 10.0	ug/L		8/19/2015 15:39
Benzo (g,h,i) perylene	< 10.0	ug/L		8/19/2015 15:39
Benzo (k) fluoranthene	< 10.0	ug/L		8/19/2015 15:39
Bis (2-chloroethoxy) methane	< 10.0	ug/L		8/19/2015 15:39
Bis (2-chloroethyl) ether	< 10.0	ug/L		8/19/2015 15:39
Bis (2-chloroisopropyl) ether	< 10.0	ug/L		8/19/2015 15:39
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L		8/19/2015 15:39
Butylbenzylphthalate	< 10.0	ug/L		8/19/2015 15:39
Chrysene	< 10.0	ug/L		8/19/2015 15:39
Dibenz (a,h) anthracene	< 10.0	ug/L		8/19/2015 15:39
Diethyl phthalate	< 10.0	ug/L		8/19/2015 15:39
Dimethyl phthalate	< 20.0	ug/L		8/19/2015 15:39

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-3			Date Sampled:	8/14/2015
Lab Sample ID:	153429-02			Date Received:	8/14/2015
Matrix:	Wastewater				
Di-n-butyl phthalate	< 10.0	ug/L		8/19/2015	15:39
Di-n-octylphthalate	< 10.0	ug/L		8/19/2015	15:39
Fluoranthene	< 10.0	ug/L		8/19/2015	15:39
Fluorene	< 10.0	ug/L		8/19/2015	15:39
Hexachlorobenzene	< 10.0	ug/L		8/19/2015	15:39
Hexachlorobutadiene	< 10.0	ug/L		8/19/2015	15:39
Hexachlorocyclopentadiene	< 10.0	ug/L		8/19/2015	15:39
Hexachloroethane	< 10.0	ug/L		8/19/2015	15:39
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		8/19/2015	15:39
Isophorone	< 10.0	ug/L		8/19/2015	15:39
Naphthalene	< 10.0	ug/L		8/19/2015	15:39
Nitrobenzene	< 10.0	ug/L		8/19/2015	15:39
N-Nitrosodimethylamine	< 10.0	ug/L		8/19/2015	15:39
N-Nitroso-di-n-propylamine	< 10.0	ug/L		8/19/2015	15:39
N-Nitrosodiphenylamine	< 10.0	ug/L		8/19/2015	15:39
Pentachlorophenol	< 20.0	ug/L		8/19/2015	15:39
Phenanthrene	9.83	ug/L	J	8/19/2015	15:39
Phenol	< 10.0	ug/L		8/19/2015	15:39
Pyrene	< 10.0	ug/L		8/19/2015	15:39
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
2,4,6-Tribromophenol	89.5	38.8 - 131		8/19/2015	15:39
2-Fluorobiphenyl	80.6	27.3 - 103		8/19/2015	15:39
2-Fluorophenol	48.4	6.27 - 105		8/19/2015	15:39
Nitrobenzene-d5	82.5	47.5 - 103		8/19/2015	15:39
Phenol-d5	32.4	0 - 102		8/19/2015	15:39
Terphenyl-d14	83.0	53.4 - 113		8/19/2015	15:39

Method Reference(s): EPA 625
Preparation Date: 8/19/2015
Data File: B07043.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	20.0	ug/L		8/17/2015 21:00

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier:	WW-RW-3		
Lab Sample ID:	153429-02	Date Sampled:	8/14/2015
Matrix:	Wastewater	Date Received:	8/14/2015
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/17/2015 21:00
1,1,2-Trichloroethane	< 2.00	ug/L	8/17/2015 21:00
1,1-Dichloroethane	5.47	ug/L	8/17/2015 21:00
1,1-Dichloroethene	< 2.00	ug/L	8/17/2015 21:00
1,2-Dichlorobenzene	< 2.00	ug/L	8/17/2015 21:00
1,2-Dichloroethane	< 2.00	ug/L	8/17/2015 21:00
1,2-Dichloropropane	< 2.00	ug/L	8/17/2015 21:00
1,3-Dichlorobenzene	< 2.00	ug/L	8/17/2015 21:00
1,4-Dichlorobenzene	< 2.00	ug/L	8/17/2015 21:00
2-Chloroethyl vinyl Ether	< 10.0	ug/L	8/17/2015 21:00
Benzene	< 1.00	ug/L	8/17/2015 21:00
Bromodichloromethane	< 2.00	ug/L	8/17/2015 21:00
Bromoform	< 5.00	ug/L	8/17/2015 21:00
Bromomethane	< 2.00	ug/L	8/17/2015 21:00
Carbon Tetrachloride	< 2.00	ug/L	8/17/2015 21:00
Chlorobenzene	< 2.00	ug/L	8/17/2015 21:00
Chloroethane	< 2.00	ug/L	8/17/2015 21:00
Chloroform	< 2.00	ug/L	8/17/2015 21:00
Chloromethane	< 2.00	ug/L	8/17/2015 21:00
cis-1,3-Dichloropropene	< 2.00	ug/L	8/17/2015 21:00
Dibromochloromethane	< 2.00	ug/L	8/17/2015 21:00
Ethylbenzene	< 2.00	ug/L	8/17/2015 21:00
Methylene chloride	< 5.00	ug/L	8/17/2015 21:00
Tetrachloroethene	< 2.00	ug/L	8/17/2015 21:00
Toluene	114	ug/L	8/17/2015 21:00
trans-1,2-Dichloroethene	< 2.00	ug/L	8/17/2015 21:00
trans-1,3-Dichloropropene	< 2.00	ug/L	8/17/2015 21:00
Trichloroethene	< 2.00	ug/L	8/17/2015 21:00
Trichlorofluoromethane	< 2.00	ug/L	8/17/2015 21:00
Vinyl chloride	< 2.00	ug/L	8/17/2015 21:00

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Report Prepared Monday, August 31, 2015



Lab Project ID: 153429

Client: **Stantec**

Project Reference: Former Alliance Site 190500647.243

Sample Identifier: WW-RW-3

Lab Sample ID: 153429-02

Date Sampled: 8/14/2015

Matrix: Wastewater

Date Received: 8/14/2015

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	105	81.1 - 116		8/17/2015	21:00
4-Bromofluorobenzene	86.0	82.3 - 113		8/17/2015	21:00
Pentafluorobenzene	95.2	91.1 - 110		8/17/2015	21:00
Toluene-D8	91.5	91.4 - 106		8/17/2015	21:00

Method Reference(s): EPA 624

Data File: x25444.D

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Report Prepared Monday, August 31, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
PCB-1016	<1.00	ug/L		8/20/2015	21:51
PCB-1221	<1.00	ug/L		8/20/2015	21:51
PCB-1232	<1.00	ug/L		8/20/2015	21:51
PCB-1242	<1.00	ug/L		8/20/2015	21:51
PCB-1248	<1.00	ug/L		8/20/2015	21:51
PCB-1254	<1.00	ug/L		8/20/2015	21:51
PCB-1260	<1.00	ug/L		8/20/2015	21:51

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
Decachlorobiphenyl	69.0	0 - 148		8/20/2015	21:51
Tetrachloro-m-xylene	34.6	2.06 - 91.3		8/20/2015	21:51

Method Reference(s): EPA 608
Preparation Date: 8/20/2015
QC Batch ID: QC150820PCBW
QC Number: 1

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Report Prepared Friday, August 28, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former Alliance Site 190500647.243

Lab Project ID: 153429

SDG #: 3429-01

Matrix: Wastewater

PCBs

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
PCB-1016/1260	5.00	ug/L	3.59	71.9	21.8 - 106		8/20/2015
Method Reference(s): EPA 608							
Preparation Date: 8/20/2015							
QC Number: 1							
QC Batch ID: QC150820PCBW							

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Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
4,4-DDD	<0.100	ug/L		8/21/2015	13:26
4,4-DDE	<0.100	ug/L		8/21/2015	13:26
4,4-DDT	<0.100	ug/L		8/21/2015	13:26
Aldrin	<0.100	ug/L		8/21/2015	13:26
alpha-BHC	<0.100	ug/L		8/21/2015	13:26
beta-BHC	<0.100	ug/L		8/21/2015	13:26
cis-Chlordane	<0.100	ug/L		8/21/2015	13:26
delta-BHC	<0.100	ug/L		8/21/2015	13:26
Dieldrin	<0.100	ug/L		8/21/2015	13:26
Endosulfan I	<0.100	ug/L		8/21/2015	13:26
Endosulfan II	<0.100	ug/L		8/21/2015	13:26
Endosulfan Sulfate	<0.100	ug/L		8/21/2015	13:26
Endrin	<0.100	ug/L		8/21/2015	13:26
Endrin Aldehyde	<0.100	ug/L		8/21/2015	13:26
gamma-BHC (Lindane)	<0.100	ug/L		8/21/2015	13:26
Heptachlor	<0.100	ug/L		8/21/2015	13:26
Heptachlor Epoxide	<0.100	ug/L		8/21/2015	13:26
Methoxychlor	<0.100	ug/L		8/21/2015	13:26
Toxaphene	<1.00	ug/L		8/21/2015	13:26
trans-Chlordane	<0.100	ug/L		8/21/2015	13:26

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
Decachlorobiphenyl (1)	70.9	38.2 - 137		8/21/2015	13:26
Tetrachloro-m-xylene (1)	36.3	3.3 - 102.2		8/21/2015	13:26

Method Reference(s): EPA 608
Preparation Date: 8/20/2015
QC Batch ID: QC150820PESTW
QC Number: 1

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,2,4-Trichlorobenzene	<10.0	ug/L		8/19/2015	14:12
1,2-Dichlorobenzene	<10.0	ug/L		8/19/2015	14:12
1,3-Dichlorobenzene	<10.0	ug/L		8/19/2015	14:12
1,4-Dichlorobenzene	<10.0	ug/L		8/19/2015	14:12
2,4,6-Trichlorophenol	<10.0	ug/L		8/19/2015	14:12
2,4-Dichlorophenol	<10.0	ug/L		8/19/2015	14:12
2,4-Dimethylphenol	<10.0	ug/L		8/19/2015	14:12
2,4-Dinitrophenol	<20.0	ug/L		8/19/2015	14:12
2,4-Dinitrotoluene	<10.0	ug/L		8/19/2015	14:12
2,6-Dinitrotoluene	<10.0	ug/L		8/19/2015	14:12
2-Chloronaphthalene	<10.0	ug/L		8/19/2015	14:12
2-Chlorophenol	<10.0	ug/L		8/19/2015	14:12
2-Nitrophenol	<10.0	ug/L		8/19/2015	14:12
3,3'-Dichlorobenzidine	<10.0	ug/L		8/19/2015	14:12
4,6-Dinitro-2-methylphenol	<20.0	ug/L		8/19/2015	14:12
4-Bromophenyl phenyl ether	<10.0	ug/L		8/19/2015	14:12
4-Chloro-3-methylphenol	<10.0	ug/L		8/19/2015	14:12
4-Chlorophenyl phenyl ether	<10.0	ug/L		8/19/2015	14:12
4-Nitrophenol	<20.0	ug/L		8/19/2015	14:12
Acenaphthene	<10.0	ug/L		8/19/2015	14:12
Acenaphthylene	<10.0	ug/L		8/19/2015	14:12
Anthracene	<10.0	ug/L		8/19/2015	14:12
Benzidine	<20.0	ug/L		8/19/2015	14:12
Benzo (a) anthracene	<10.0	ug/L		8/19/2015	14:12
Benzo (a) pyrene	<10.0	ug/L		8/19/2015	14:12
Benzo (b) fluoranthene	<10.0	ug/L		8/19/2015	14:12
Benzo (g,h,i) perylene	<10.0	ug/L		8/19/2015	14:12
Benzo (k) fluoranthene	<10.0	ug/L		8/19/2015	14:12

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Bis (2-chloroethoxy) methane	<10.0	ug/L		8/19/2015	14:12
Bis (2-chloroethyl) ether	<10.0	ug/L		8/19/2015	14:12
Bis (2-chloroisopropyl) ether	<10.0	ug/L		8/19/2015	14:12
Bis (2-ethylhexyl) phthalate	<10.0	ug/L		8/19/2015	14:12
Butylbenzylphthalate	<10.0	ug/L		8/19/2015	14:12
Chrysene	<10.0	ug/L		8/19/2015	14:12
Dibenz (a,h) anthracene	<10.0	ug/L		8/19/2015	14:12
Diethyl phthalate	<10.0	ug/L		8/19/2015	14:12
Dimethyl phthalate	<20.0	ug/L		8/19/2015	14:12
Di-n-butyl phthalate	<10.0	ug/L		8/19/2015	14:12
Di-n-octylphthalate	<10.0	ug/L		8/19/2015	14:12
Fluoranthene	<10.0	ug/L		8/19/2015	14:12
Fluorene	<10.0	ug/L		8/19/2015	14:12
Hexachlorobenzene	<10.0	ug/L		8/19/2015	14:12
Hexachlorobutadiene	<10.0	ug/L		8/19/2015	14:12
Hexachlorocyclopentadiene	<10.0	ug/L		8/19/2015	14:12
Hexachloroethane	<10.0	ug/L		8/19/2015	14:12
Indeno (1,2,3-cd) pyrene	<10.0	ug/L		8/19/2015	14:12
Isophorone	<10.0	ug/L		8/19/2015	14:12
Naphthalene	<10.0	ug/L		8/19/2015	14:12
Nitrobenzene	<10.0	ug/L		8/19/2015	14:12
N-Nitrosodimethylamine	<10.0	ug/L		8/19/2015	14:12
N-Nitroso-di-n-propylamine	<10.0	ug/L		8/19/2015	14:12
N-Nitrosodiphenylamine	<10.0	ug/L		8/19/2015	14:12
Pentachlorophenol	<20.0	ug/L		8/19/2015	14:12
Phenanthrene	<10.0	ug/L		8/19/2015	14:12
Phenol	<10.0	ug/L		8/19/2015	14:12
Pyrene	<10.0	ug/L		8/19/2015	14:12

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
2,4,6-Tribromophenol	82.5	38.8 - 131		8/19/2015	14:12
2-Fluorobiphenyl	74.8	27.3 - 103		8/19/2015	14:12
2-Fluorophenol	50.7	6.27 - 105		8/19/2015	14:12
Nitrobenzene-d5	78.9	47.5 - 103		8/19/2015	14:12
Phenol-d5	33.1	0 - 102		8/19/2015	14:12
Terphenyl-d14	83.8	53.4 - 113		8/19/2015	14:12

Method Reference(s): EPA 625
Preparation Date: 8/19/2015
Data File: B07040.D
QC Batch ID: QC150819ABNW
QC Number: 1

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Report Prepared Friday, August 28, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client:

Stantec

Project Reference:

Former Alliance Site 190500647.243

Lab Project ID:

153429

SDG #:

3429-01

Matrix:

Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
1,2,4-Trichlorobenzene	50.0	ug/L	36.9	73.8	44 - 142		8/20/2015
1,2-Dichlorobenzene	50.0	ug/L	35.4	70.8	32 - 129		8/20/2015
1,3-Dichlorobenzene	50.0	ug/L	34.5	69.0	0 - 172		8/20/2015
1,4-Dichlorobenzene	50.0	ug/L	35.0	69.9	20 - 124		8/20/2015
2,4,6-Trichlorophenol	75.0	ug/L	66.2	88.3	37 - 144		8/20/2015
2,4-Dichlorophenol	75.0	ug/L	65.0	86.7	39 - 135		8/20/2015
2,4-Dimethylphenol	75.0	ug/L	58.1	77.5	32 - 119		8/20/2015
2,4-Dinitrophenol	75.0	ug/L	55.8	74.4	0 - 191		8/20/2015
2,4-Dinitrotoluene	50.0	ug/L	46.0	92.0	39 - 139		8/20/2015
2,6-Dinitrotoluene	50.0	ug/L	43.6	87.2	50 - 158		8/20/2015
2-Chloronaphthalene	50.0	ug/L	40.1	80.1	60 - 118		8/20/2015
2-Chlorophenol	75.0	ug/L	62.9	83.9	23 - 134		8/20/2015
2-Nitrophenol	75.0	ug/L	64.2	85.6	29 - 182		8/20/2015
4,6-Dinitro-2-methylphenol	75.0	ug/L	65.6	87.5	0 - 181		8/20/2015
4-Bromophenyl phenyl ether	50.0	ug/L	42.9	85.9	53 - 127		8/20/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former Alliance Site 190500647.243

Lab Project ID: 153429

SDG #: 3429-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
4-Chloro-3-methylphenol	75.0	ug/L	65.5	87.3	22 - 147		8/20/2015
4-Chlorophenyl phenyl ether	50.0	ug/L	44.0	88.0	25 - 158		8/20/2015
4-Nitrophenol	75.0	ug/L	28.1	37.5	0 - 132		8/20/2015
Acenaphthene	50.0	ug/L	43.6	87.3	47 - 145		8/20/2015
Acenaphthylene	50.0	ug/L	39.8	79.6	33 - 145		8/20/2015
Anthracene	50.0	ug/L	43.6	87.3	27 - 133		8/20/2015
Benzo (a) anthracene	50.0	ug/L	44.4	88.8	33 - 143		8/20/2015
Benzo (a) pyrene	50.0	ug/L	43.8	87.6	17 - 163		8/20/2015
Benzo (b) fluoranthene	50.0	ug/L	41.8	83.6	24 - 159		8/20/2015
Benzo (g,h,i) perylene	50.0	ug/L	44.5	89.0	0 - 219		8/20/2015
Benzo (k) fluoranthene	50.0	ug/L	47.2	94.4	11 - 162		8/20/2015
Bis (2-chloroethoxy) methane	50.0	ug/L	46.5	93.0	33 - 184		8/20/2015
Bis (2-chloroethyl) ether	50.0	ug/L	40.8	81.6	12 - 158		8/20/2015
Bis (2-chloroisopropyl) ether	50.0	ug/L	43.1	86.2	36 - 166		8/20/2015
Bis (2-ethylhexyl) phthalate	50.0	ug/L	46.0	92.0	8 - 158		8/20/2015

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



QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)							
Analyte	Spike	Spike	LCS	LCS %	% Rec	LCS	Date
	Added	Units	Result	Recovery	Limits	Outliers	Analyzed
Butylbenzylphthalate	50.0	ug/L	45.2	90.4	0 - 152		8/20/2015
Chrysene	50.0	ug/L	44.6	89.2	17 - 168		8/20/2015
Dibenz (a,h) anthracene	50.0	ug/L	45.5	90.9	0 - 227		8/20/2015
Diethyl phthalate	50.0	ug/L	46.3	92.6	0 - 114		8/20/2015
Dimethyl phthalate	50.0	ug/L	45.5	91.0	0 - 112		8/20/2015
Di-n-butyl phthalate	50.0	ug/L	47.2	94.5	1 - 118		8/20/2015
Di-n-octylphthalate	50.0	ug/L	45.9	91.8	4 - 146		8/20/2015
Fluoranthene	50.0	ug/L	44.8	89.7	26 - 137		8/20/2015
Fluorene	50.0	ug/L	43.9	87.9	59 - 121		8/20/2015
Hexachlorobenzene	50.0	ug/L	43.5	87.0	0 - 152		8/20/2015
Hexachlorobutadiene	50.0	ug/L	34.4	68.8	24 - 116		8/20/2015
Hexachloroethane	50.0	ug/L	33.8	67.6	40 - 113		8/20/2015
Indeno (1,2,3-cd) pyrene	50.0	ug/L	43.0	85.9	0 - 171		8/20/2015
Isophorone	50.0	ug/L	42.9	85.9	21 - 196		8/20/2015
Naphthalene	50.0	ug/L	40.7	81.4	21 - 133		8/20/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former Alliance Site 190500647.243

Lab Project ID: 153429

SDG #: 3429-01

Matrix: Wastewater

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Spike	Spike	LCS	LCS %	% Rec	LCS	Date
	Added	Units	Result	Recovery	Limits	Outliers	Analyzed
Nitrobenzene	50.0	ug/L	44.1	88.1	35 - 180		8/20/2015
N-Nitroso-di-n-propylamine	50.0	ug/L	45.8	91.7	0 - 230		8/20/2015
Pentachlorophenol	75.0	ug/L	62.8	83.8	14 - 176		8/20/2015
Phenanthrene	50.0	ug/L	44.8	89.6	54 - 120		8/20/2015
Phenol	75.0	ug/L	26.2	35.0	5 - 112		8/20/2015
Pyrene	50.0	ug/L	44.7	89.3	52 - 115		8/20/2015

Method Reference(s):

EPA 625

Preparation Date:

8/19/2015

Data File:

B07084.D

QC Number:

1

QC Batch ID:

QC150819ABNW

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,1,1-Trichloroethane	<2.00	ug/L		8/20/2015	12:48
1,1,2,2-Tetrachloroethane	<2.00	ug/L		8/20/2015	12:48
1,1,2-Trichloroethane	<2.00	ug/L		8/20/2015	12:48
1,1-Dichloroethane	<2.00	ug/L		8/20/2015	12:48
1,1-Dichloroethene	<2.00	ug/L		8/20/2015	12:48
1,2-Dichlorobenzene	<2.00	ug/L		8/20/2015	12:48
1,2-Dichloroethane	<2.00	ug/L		8/20/2015	12:48
1,2-Dichloropropane	<2.00	ug/L		8/20/2015	12:48
1,3-Dichlorobenzene	<2.00	ug/L		8/20/2015	12:48
1,4-Dichlorobenzene	<2.00	ug/L		8/20/2015	12:48
2-Chloroethyl vinyl Ether	<10.0	ug/L		8/20/2015	12:48
Benzene	<1.00	ug/L		8/20/2015	12:48
Bromodichloromethane	<2.00	ug/L		8/20/2015	12:48
Bromoform	<5.00	ug/L		8/20/2015	12:48
Bromomethane	<2.00	ug/L		8/20/2015	12:48
Carbon Tetrachloride	<2.00	ug/L		8/20/2015	12:48
Chlorobenzene	<2.00	ug/L		8/20/2015	12:48
Chloroethane	<2.00	ug/L		8/20/2015	12:48
Chloroform	<2.00	ug/L		8/20/2015	12:48
Chloromethane	<2.00	ug/L		8/20/2015	12:48
cis-1,3-Dichloropropene	<2.00	ug/L		8/20/2015	12:48
Dibromochloromethane	<2.00	ug/L		8/20/2015	12:48
Ethylbenzene	<2.00	ug/L		8/20/2015	12:48
Methylene chloride	<5.00	ug/L		8/20/2015	12:48
Tetrachloroethene	<2.00	ug/L		8/20/2015	12:48
Toluene	<2.00	ug/L		8/20/2015	12:48
trans-1,2-Dichloroethene	<2.00	ug/L		8/20/2015	12:48
trans-1,3-Dichloropropene	<2.00	ug/L		8/20/2015	12:48

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Trichloroethene	<2.00	ug/L		8/20/2015	12:48
Trichlorofluoromethane	<2.00	ug/L		8/20/2015	12:48
Vinyl chloride	<2.00	ug/L		8/20/2015	12:48

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	96.7	81.1 - 116		8/20/2015	12:48
4-Bromofluorobenzene	83.7	82.3 - 113		8/20/2015	12:48
Pentafluorobenzene	100	91.1 - 110		8/20/2015	12:48
Toluene-D8	94.0	91.4 - 106		8/20/2015	12:48

Method Reference(s): EPA 624
Data File: x25534.D
QC Batch ID: voaw082015
QC Number: 1

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,1,1-Trichloroethane	<2.00	ug/L		8/17/2015	12:25
1,1,2,2-Tetrachloroethane	<2.00	ug/L		8/17/2015	12:25
1,1,2-Trichloroethane	<2.00	ug/L		8/17/2015	12:25
1,1-Dichloroethane	<2.00	ug/L		8/17/2015	12:25
1,1-Dichloroethene	<2.00	ug/L		8/17/2015	12:25
1,2-Dichlorobenzene	<2.00	ug/L		8/17/2015	12:25
1,2-Dichloroethane	<2.00	ug/L		8/17/2015	12:25
1,2-Dichloropropane	<2.00	ug/L		8/17/2015	12:25
1,3-Dichlorobenzene	<2.00	ug/L		8/17/2015	12:25
1,4-Dichlorobenzene	<2.00	ug/L		8/17/2015	12:25
2-Chloroethyl vinyl Ether	<10.0	ug/L		8/17/2015	12:25
Benzene	<1.00	ug/L		8/17/2015	12:25
Bromodichloromethane	<2.00	ug/L		8/17/2015	12:25
Bromoform	<5.00	ug/L		8/17/2015	12:25
Bromomethane	<2.00	ug/L		8/17/2015	12:25
Carbon Tetrachloride	<2.00	ug/L		8/17/2015	12:25
Chlorobenzene	<2.00	ug/L		8/17/2015	12:25
Chloroethane	<2.00	ug/L		8/17/2015	12:25
Chloroform	<2.00	ug/L		8/17/2015	12:25
Chloromethane	<2.00	ug/L		8/17/2015	12:25
cis-1,3-Dichloropropene	<2.00	ug/L		8/17/2015	12:25
Dibromochloromethane	<2.00	ug/L		8/17/2015	12:25
Ethylbenzene	<2.00	ug/L		8/17/2015	12:25
Methylene chloride	<5.00	ug/L		8/17/2015	12:25
Tetrachloroethene	<2.00	ug/L		8/17/2015	12:25
Toluene	<2.00	ug/L		8/17/2015	12:25
trans-1,2-Dichloroethene	<2.00	ug/L		8/17/2015	12:25
trans-1,3-Dichloropropene	<2.00	ug/L		8/17/2015	12:25

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Report Prepared Friday, August 28, 2015



Method Blank Report

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Trichloroethene	<2.00	ug/L		8/17/2015	12:25
Trichlorofluoromethane	<2.00	ug/L		8/17/2015	12:25
Vinyl chloride	<2.00	ug/L		8/17/2015	12:25
<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	93.7	81.1 - 116		8/17/2015	12:25
4-Bromofluorobenzene	86.4	82.3 - 113		8/17/2015	12:25
Pentafluorobenzene	99.8	91.1 - 110		8/17/2015	12:25
Toluene-D8	93.0	91.4 - 106		8/17/2015	12:25

Method Reference(s): EPA 624
Data File: x25422.D
QC Batch ID: voaw081715
QC Number: 1

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Report Prepared Friday, August 28, 2015



QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

<i>Volatile Organics</i>									
Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed		
1,1,1-Trichloroethane	20.0	ug/L	18.1	90.6	77.3 - 121		8/17/2015		
1,1,2,2-Tetrachloroethane	20.0	ug/L	18.5	92.7	76.2 - 127		8/17/2015		
1,1,2-Trichloroethane	20.0	ug/L	17.5	87.4	77.3 - 117		8/17/2015		
1,1-Dichloroethane	20.0	ug/L	18.8	93.9	81.3 - 118		8/17/2015		
1,1-Dichloroethene	20.0	ug/L	19.0	95.0	76.5 - 124		8/17/2015		
1,2-Dichlorobenzene	20.0	ug/L	19.2	96.2	83.5 - 122		8/17/2015		
1,2-Dichloroethane	20.0	ug/L	17.7	88.6	77 - 122		8/17/2015		
1,2-Dichloropropane	20.0	ug/L	19.1	95.4	82.8 - 116		8/17/2015		
1,3-Dichlorobenzene	20.0	ug/L	18.9	94.3	77.8 - 120		8/17/2015		
1,4-Dichlorobenzene	20.0	ug/L	20.0	100	77.7 - 118		8/17/2015		
Benzene	20.0	ug/L	20.1	101	84.4 - 122		8/17/2015		
Bromodichloromethane	20.0	ug/L	18.0	90.1	78.3 - 119		8/17/2015		
Bromoform	20.0	ug/L	15.4	76.9	60.8 - 117		8/17/2015		
Bromomethane	20.0	ug/L	20.3	102	44.6 - 174		8/17/2015		
Carbon Tetrachloride	20.0	ug/L	17.9	89.7	70.7 - 127		8/17/2015		

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QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former Alliance Site 190500647.243
Lab Project ID: 153429
SDG #: 3429-01
Matrix: Wastewater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chlorobenzene	20.0	ug/L	18.7	93.6	81.9 - 118		8/17/2015
Chloroethane	20.0	ug/L	19.3	96.6	76.7 - 134		8/17/2015
Chloroform	20.0	ug/L	18.7	93.7	83 - 119		8/17/2015
Chloromethane	20.0	ug/L	18.7	93.7	66.7 - 136		8/17/2015
cis-1,3-Dichloropropene	20.0	ug/L	22.5	113	89.2 - 133		8/17/2015
Dibromochloromethane	20.0	ug/L	17.3	86.3	67.2 - 121		8/17/2015
Ethylbenzene	20.0	ug/L	20.3	102	81.8 - 121		8/17/2015
Methylene chloride	20.0	ug/L	19.0	95.0	77.8 - 125		8/17/2015
Tetrachloroethene	20.0	ug/L	19.9	99.7	70.7 - 134		8/17/2015
Toluene	20.0	ug/L	19.4	97.1	82.4 - 118		8/17/2015
trans-1,2-Dichloroethene	20.0	ug/L	19.0	95.2	78.9 - 123		8/17/2015
trans-1,3-Dichloropropene	20.0	ug/L	19.5	97.7	73.5 - 126		8/17/2015
Trichloroethene	20.0	ug/L	19.6	97.9	81.7 - 122		8/17/2015
Trichlorofluoromethane	20.0	ug/L	16.9	84.6	68.8 - 133		8/17/2015
Vinyl chloride	20.0	ug/L	19.2	96.1	75.8 - 137		8/17/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former Alliance Site 190500647.243

Lab Project ID: 153429

SDG #: 3429-01

Matrix: Wastewater

Volatile Organics

Analyte	Spike	Spike	LCS	LCS %	% Rec	LCS	Date
	Added	Units	Result	Recovery	Limits	Outliers	Analyzed
Method Reference(s):	EPA 624						
Data File:	x25421.D						
QC Number:	1						
QC Batch ID:	voaw081715						

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Analytical Report Appendix

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

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

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Report Prepared Monday, August 31, 2015

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

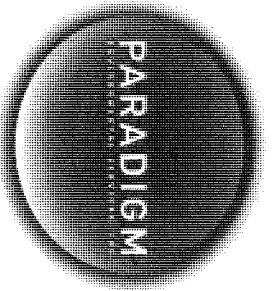
Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

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

Report Prepared Monday, August 31, 2015

CHAIN OF CUSTODY



REPORT TO:		INVOICE TO:		LAB PROJECT ID	
CLIENT: STANTEC	CLIENT: STATE			153427	
ADDRESS: 61 COMMERCIAL ST,	ADDRESS:			Quotation #: _____	
CITY: ROCHESTER NY 14614	CITY:			Email: laura.b@stantec.com, tom.wells@stantec.com	
PHONE: 585-413-5271	PHONE:				
ATTN: TOM WELLS	ATTN:				
PROJECT REFERENCE FOSTER ALLENANCE SITE 190500647.243					
Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid		WA - Water WG - Groundwater	DW - Drinking Water WW - Wastewater	SO - Soil SL - Sludge	SD - Solid PT - Paint WP - Wipe CK - Caulk OL - Oil AR - Air

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GARB	SAMPLE IDENTIFIER	MC AC T D R E S I S	NUM B E R I N G F S	TCL VOCs	VOCs by TCLP	SVOCs	PCBs	PESTs	WW Metals *	ROA Metals TCLP	TPH	Flash point	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/14/15	1030		X	WW-RW-2	WW	7	X	X	X	X	X	X	X	X		WW Metals: Cd, Cr, Cu, As, Pb, Ag, Ni, Zn	01
8/14/15	1230		X	WW-RW-3	WW	7	X	X	X	X	X	X	X	X			02
8/14/15	1315		X	SED-RW-3	SD	5	X	X	X					X		A For TCLP extract, GP 8/14/15	03A
4					SL	permiss	GP 8/14/15										
5																	
6																	
7																	
8																	
9																	
10																	

Turnaround Time	Report Supplements	
Availability contingent upon lab approval; additional fees may apply.		
Standard 5 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>	Basic EDD <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input checked="" type="checkbox"/>	NYSDEC EDD <input checked="" type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>	
Rush 1 day <input type="checkbox"/>		
Other 10 day <input checked="" type="checkbox"/>	Other <input type="checkbox"/>	Other EDD <input checked="" type="checkbox"/>
please indicate: _____	please indicate: _____	please indicate: <u>STANTEC</u>

Thomas Wells 8/14/2015 1330
 Sampled By
 Relinquished By
 Received By
 Received @ Lab By

Date/Time 8/14/2015 1518
 Date/Time 8/14/15 1518
 Date/Time 8/14/15 1539

P.L.F.

Total Cost:

16°Ciced started in field, 8/14/15 15:28. Custody seals w/4, samples delivered by client, GP 8/14/15



Chain of Custody Supplement

Client:

Stantec

Completed by:

Glenn Pezzulo

Lab Project ID:

153429

Date:

8/14/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

NELAC compliance with the sample condition requirements upon receipt			
Condition	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/> VOA Metals	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/> SVOA 625 Pest 600	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	VOA 624		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Metals
Comments	16°C: ced started in field		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			

ANALYTICAL REPORT

Job Number: 420-94064-1

SDG Number: 3429-01 Glosed

Job Description: Paradigm Environmental, Inc.(153429)

For:

Paradigm Environmental Services, Inc.
179 Lake Avenue
Rochester, NY 14608

Attention: Kathryn Hansen



Meredith W Ruthven

Customer Service Manager

mruthven@envirotestlaboratories.com

08/25/2015

NYSDOH ELAP does not certify for all parameters. EnviroTest Laboratories does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval of the laboratory. EnviroTest Laboratories Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our laboratory. All questions regarding this report should be directed to the EnviroTest Customer Service Representative.

EnviroTest Laboratories, Inc. Certifications and Approvals: NYSDOH 10142, NJDEP NY015, CTDOH PH-0554

Envirotest Laboratories, Inc.

315 Fullerton Avenue, Newburgh, NY 12550

Tel (845) 562-0890 Fax (845) 562-0841 www.envirotestlaboratories.com

EXECUTIVE SUMMARY - Detections

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
Sdg Number: 3429-01 Closed

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
420-94064-2	153429-02				
HEM		13	5.3	mg/L	1664A
SGT-HEM		7.2	5.3	mg/L	1664A

METHOD SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
SDG Number: 3429-01 Glosed

Description	Lab Location	Method	Preparation Method
Matrix: Water			
HEM and SGT-HEM by Extraction and Gravimetry	EnvTest	1664A 1664A	
HEM and SGT-HEM by Extraction and	EnvTest		1664A 1664A

Lab References:

EnvTest = EnviroTest

Method References:

1664A = EPA-821-98-002

METHOD / ANALYST SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
SDG Number: 3429-01 Glosed

Method	Analyst	Analyst ID
1664A 1664A	Vollmer, William	WB

SAMPLE SUMMARY

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
SDG Number: 3429-01 Glosed

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
420-94064-1	153429-01	Water	08/14/2015 1030	08/18/2015 0858
420-94064-2	153429-02	Water	08/14/2015 1230	08/18/2015 0858

SAMPLE RESULTS

Analytical Data

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
Sdg Number: 3429-01 Closed**General Chemistry**

Client Sample ID: 153429-01

Lab Sample ID: 420-94064-1

Client Matrix: Water

Date Sampled: 08/14/2015 1030

Date Received: 08/18/2015 0858

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
HEM	5.3	U	mg/L	5.3	5.3	1.0	1664A
	Only Batch: 420-89961	Date Analyzed	08/20/2015	1100			
	Prep Batch: 420-89960	Date Prepared:	08/20/2015	1100			
SGT-HEM	5.3	U	mg/L	5.3	5.3	1.0	1664A
	Only Batch: 420-89961	Date Analyzed	08/20/2015	1100			
	Prep Batch: 420-89960	Date Prepared:	08/20/2015	1100			

Client Sample ID: 153429-02

Lab Sample ID: 420-94064-2

Client Matrix: Water

Date Sampled: 08/14/2015 1230

Date Received: 08/18/2015 0858

Analyte	Result	Qual	Units	PQL	PQL	Dil	Method
HEM	13		mg/L	5.3	5.3	1.0	1664A
	Only Batch: 420-89961	Date Analyzed	08/20/2015	1100			
	Prep Batch: 420-89960	Date Prepared:	08/20/2015	1100			
SGT-HEM	7.2		mg/L	5.3	5.3	1.0	1664A
	Only Batch: 420-89961	Date Analyzed	08/20/2015	1100			
	Prep Batch: 420-89960	Date Prepared:	08/20/2015	1100			

DATA REPORTING QUALIFIERS

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
Sdg Number: 3429-01 Closed

Lab Section	Qualifier	Description
General Chemistry	U	The analyte was analyzed for but not detected at or above the lowest stated limit.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
Sdg Number: 3429-01 Glosed

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 420-89960					
LCS 420-89960/2-A	Lab Control Spike	T	Water	1664A	
LCSD 420-89960/3-A	Lab Control Spike Duplicate	T	Water	1664A	
MB 420-89960/1-A	Method Blank	T	Water	1664A	
420-94064-1	153429-01	T	Water	1664A	
420-94064-2	153429-02	T	Water	1664A	
Analysis Batch:420-89961					
LCS 420-89960/2-A	Lab Control Spike	T	Water	1664A	420-89960
LCSD 420-89960/3-A	Lab Control Spike Duplicate	T	Water	1664A	420-89960
MB 420-89960/1-A	Method Blank	T	Water	1664A	420-89960
420-94064-1	153429-01	T	Water	1664A	420-89960
420-94064-2	153429-02	T	Water	1664A	420-89960

Report Basis

T = Total

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
Sdg Number: 3429-01 Glosed

Method Blank - Batch: 420-89960

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 420-89960/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/20/2015 1100
Date Prepared: 08/20/2015 1100

Analysis Batch: 420-89961
Prep Batch: 420-89960
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	PQL	PQL
HEM	5.0	U	5.0	5.0
SGT-HEM	5.0	U	5.0	5.0

Lab Control Spike/

Lab Control Spike Duplicate Recovery Report - Batch: 420-89960

Method: 1664A
Preparation: 1664A

LCS Lab Sample ID: LCS 420-89960/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/20/2015 1100
Date Prepared: 08/20/2015 1100

Analysis Batch: 420-89961
Prep Batch: 420-89960
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 420-89960/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/20/2015 1100
Date Prepared: 08/20/2015 1100

Analysis Batch: 420-89961
Prep Batch: 420-89960
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
HEM	100	101	78 - 114	1	20		
SGT-HEM	91	92	64 - 132	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1

Sdg Number: 3429-01 Glosed

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 420-89960**

**Method: 1664A
Preparation: 1664A**

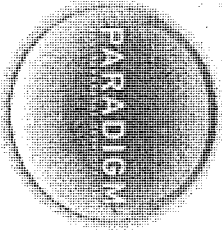
LCS Lab Sample ID: LCS 420-89960/2-A Units: mg/L
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/20/2015 1100
Date Prepared: 08/20/2015 1100


LCSD Lab Sample ID: LCSD 420-89960/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/20/2015 1100
Date Prepared: 08/20/2015 1100

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
HEM	40.0	40.0	40	40
SGT-HEM	20.0	20.0	18	18

Calculations are performed before rounding to avoid round-off errors in calculated results.

ENVIROTEST: ELAP ID: 10142



	
COMPANY: Paradigm Environmental	COMPANY: Same
ADDRESS1	ADDRESS:
CITY: STATES ZIP:	CITY: STATE: ZIP:
PHONE: FAX:	PHONE: FAX:
ATTN: Kate Hansen	ATTN: Meredith Dillman
COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	
PROJECT NAME/SITE NAME:	
LAB PROJECT #:	CLIENT PROJECT #:
TURNAROUND TIME (WORKING DAYS)	
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5	STD OTHER:
Date Due: 8/25	

DATE	TIME	COORDINATES	GRAB	SAMPLE LOCATION/FIELD ID	DEPTH	CONTAMINANTS	REMARKS	LABORATORY
1 8/14/15	10:30		X	153429-01	1	X	Report from OC ASP Cat A REMARKS SOG 3429-01 glass	PARADIGM LAB SAMPLE NUMBER
2 1	12:30		X	153429-01	1	X	ww-Rw-2	
3							ww-Rw-3	
4								
5								
6								
7								
8								
9								
10								

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

Receipt Parameter		NELAP Compliance	
Container Type:		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:			
Preservation:		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:			
Holding Time:		Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:			
Temperature:	7.6°C	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Comments:			

Client	
Sampled By	Date/Time
Rollingquished By	Date/Time
Received By	Date/Time
Received @ Lab By	Date/Time
Total Cost:	
P.L.F.	

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Paradigm Environmental Services, Inc.

Job Number: 420-94064-1
SDG Number: 3429-01 Closed

Login Number: 94064

Question	T/F/NA	Comment
Samples were collected by ETL employee as per SOP-SAM-1	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is recorded.	True	7.6 C
Cooler Temp. is within method specified range.(0-6 C PW, 0-8 C NPW, or BAC <10 C	True	
If false, was sample received on ice within 6 hours of collection.	NA	
Based on above criteria cooler temperature is acceptable.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

Attachment 2

Sample Analysis Results for Wastewater Sample

'AMSF-Purge Water-20151027'



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

154536

Referencing

Former AMSF

Prepared

Tuesday, November 03, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, stylized strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

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

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Report Prepared Tuesday, November 03, 2015

Page 1 of 47



Lab Project ID: 154536

Client: **Stantec**

Project Reference: Former AMSF

Sample Identifier: AMSF-Purge Water-20151027

Lab Sample ID: 154536-01

Date Sampled: 10/27/2015

Matrix: Groundwater

Date Received: 10/27/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Arsenic	< 0.00500	mg/L		10/30/2015 14:52
Cadmium	< 0.00250	mg/L		10/30/2015 14:52
Chromium	< 0.00500	mg/L		10/30/2015 14:52
Copper	< 0.0125	mg/L		10/30/2015 14:52
Lead	< 0.00500	mg/L		10/30/2015 14:52
Nickel	< 0.0200	mg/L		10/30/2015 14:52
Silver	< 0.00500	mg/L		10/30/2015 14:52
Zinc	0.0243	mg/L	J	10/30/2015 14:52

Method Reference(s): EPA 200.7
Preparation Date: 10/29/2015
Data File: 103015b

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 1.00	ug/L		10/30/2015 17:48
PCB-1221	< 1.00	ug/L		10/30/2015 17:48
PCB-1232	< 1.00	ug/L		10/30/2015 17:48
PCB-1242	< 1.00	ug/L		10/30/2015 17:48
PCB-1248	< 1.00	ug/L		10/30/2015 17:48
PCB-1254	< 1.00	ug/L		10/30/2015 17:48
PCB-1260	< 1.00	ug/L		10/30/2015 17:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Decachlorobiphenyl	54.5	2.99 - 139		10/30/2015 17:48
Tetrachloro-m-xylene	38.6	0 - 92.3		10/30/2015 17:48

Method Reference(s): EPA 608
Preparation Date: 10/29/2015

Chlorinated Pesticides

Analyte	Result	Units	Qualifier	Date Analyzed
4,4-DDD	< 0.100	ug/L		10/30/2015 14:00

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Lab Project ID: 154536
Client: Stantec
Project Reference: Former AMSF

Sample Identifier:		AMSF-Purge Water-20151027			
Lab Sample ID:		154536-01		Date Sampled:	10/27/2015
Matrix:		Groundwater		Date Received:	10/27/2015
4,4-DDE	< 0.100	ug/L		10/30/2015	14:00
4,4-DDT	< 0.100	ug/L		10/30/2015	14:00
Aldrin	< 0.100	ug/L		10/30/2015	14:00
alpha-BHC	< 0.100	ug/L		10/30/2015	14:00
beta-BHC	< 0.100	ug/L		10/30/2015	14:00
cis-Chlordane	< 0.100	ug/L		10/30/2015	14:00
delta-BHC	< 0.100	ug/L		10/30/2015	14:00
Dieldrin	< 0.100	ug/L		10/30/2015	14:00
Endosulfan I	< 0.100	ug/L		10/30/2015	14:00
Endosulfan II	< 0.100	ug/L		10/30/2015	14:00
Endosulfan Sulfate	< 0.100	ug/L		10/30/2015	14:00
Endrin	< 0.100	ug/L		10/30/2015	14:00
Endrin Aldehyde	< 0.100	ug/L		10/30/2015	14:00
gamma-BHC (Lindane)	< 0.100	ug/L		10/30/2015	14:00
Heptachlor	< 0.100	ug/L		10/30/2015	14:00
Heptachlor Epoxide	< 0.100	ug/L		10/30/2015	14:00
Methoxychlor	< 0.100	ug/L		10/30/2015	14:00
Toxaphene	< 1.00	ug/L		10/30/2015	14:00
trans-Chlordane	< 0.100	ug/L		10/30/2015	14:00
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
Decachlorobiphenyl (1)	78.2	22 - 126		10/30/2015	14:00
Tetrachloro-m-xylene (1)	43.4	0.8 - 98.9		10/30/2015	14:00

Method Reference(s): EPA 608
 Preparation Date: 10/30/2015

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,2,4-Trichlorobenzene	< 10.0	ug/L		10/30/2015 12:23
1,2-Dichlorobenzene	< 10.0	ug/L		10/30/2015 12:23
1,3-Dichlorobenzene	< 10.0	ug/L		10/30/2015 12:23
1,4-Dichlorobenzene	< 10.0	ug/L		10/30/2015 12:23
2,4,6-Trichlorophenol	< 10.0	ug/L		10/30/2015 12:23

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Lab Project ID: 154536
Client: **Stantec**
Project Reference: Former AMSF

Sample Identifier:		AMSF-Purge Water-20151027	
Lab Sample ID:		154536-01	Date Sampled: 10/27/2015
Matrix:		Groundwater	Date Received: 10/27/2015
2,4-Dichlorophenol	< 10.0	ug/L	10/30/2015 12:23
2,4-Dimethylphenol	< 10.0	ug/L	10/30/2015 12:23
2,4-Dinitrophenol	< 20.0	ug/L	10/30/2015 12:23
2,4-Dinitrotoluene	< 10.0	ug/L	10/30/2015 12:23
2,6-Dinitrotoluene	< 10.0	ug/L	10/30/2015 12:23
2-Chloronaphthalene	< 10.0	ug/L	10/30/2015 12:23
2-Chlorophenol	< 10.0	ug/L	10/30/2015 12:23
2-Nitrophenol	< 10.0	ug/L	10/30/2015 12:23
3,3'-Dichlorobenzidine	< 10.0	ug/L	10/30/2015 12:23
4,6-Dinitro-2-methylphenol	< 20.0	ug/L	10/30/2015 12:23
4-Bromophenyl phenyl ether	< 10.0	ug/L	10/30/2015 12:23
4-Chloro-3-methylphenol	< 10.0	ug/L	10/30/2015 12:23
4-Chlorophenyl phenyl ether	< 10.0	ug/L	10/30/2015 12:23
4-Nitrophenol	< 20.0	ug/L	10/30/2015 12:23
Acenaphthene	< 10.0	ug/L	10/30/2015 12:23
Acenaphthylene	< 10.0	ug/L	10/30/2015 12:23
Anthracene	< 10.0	ug/L	10/30/2015 12:23
Benzidine	< 20.0	ug/L	10/30/2015 12:23
Benzo (a) anthracene	< 10.0	ug/L	10/30/2015 12:23
Benzo (a) pyrene	< 10.0	ug/L	10/30/2015 12:23
Benzo (b) fluoranthene	< 10.0	ug/L	10/30/2015 12:23
Benzo (g,h,i) perylene	< 10.0	ug/L	10/30/2015 12:23
Benzo (k) fluoranthene	< 10.0	ug/L	10/30/2015 12:23
Bis (2-chloroethoxy) methane	< 10.0	ug/L	10/30/2015 12:23
Bis (2-chloroethyl) ether	< 10.0	ug/L	10/30/2015 12:23
Bis (2-chloroisopropyl) ether	< 10.0	ug/L	10/30/2015 12:23
Bis (2-ethylhexyl) phthalate	< 10.0	ug/L	10/30/2015 12:23
Butylbenzylphthalate	< 10.0	ug/L	10/30/2015 12:23
Chrysene	< 10.0	ug/L	10/30/2015 12:23
Dibenz (a,h) anthracene	< 10.0	ug/L	10/30/2015 12:23
Diethyl phthalate	< 10.0	ug/L	10/30/2015 12:23
Dimethyl phthalate	< 20.0	ug/L	10/30/2015 12:23

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



Lab Project ID: 154536

Client: **Stantec**

Project Reference: Former AMSF

Sample Identifier:		AMSF-Purge Water-20151027			
Lab Sample ID:		154536-01		Date Sampled:	10/27/2015
Matrix:		Groundwater		Date Received:	10/27/2015
Di-n-butyl phthalate	< 10.0	ug/L		10/30/2015	12:23
Di-n-octylphthalate	< 10.0	ug/L		10/30/2015	12:23
Fluoranthene	< 10.0	ug/L		10/30/2015	12:23
Fluorene	< 10.0	ug/L		10/30/2015	12:23
Hexachlorobenzene	< 10.0	ug/L		10/30/2015	12:23
Hexachlorobutadiene	< 10.0	ug/L		10/30/2015	12:23
Hexachlorocyclopentadiene	< 10.0	ug/L		10/30/2015	12:23
Hexachloroethane	< 10.0	ug/L		10/30/2015	12:23
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		10/30/2015	12:23
Isophorone	< 10.0	ug/L		10/30/2015	12:23
Naphthalene	< 10.0	ug/L		10/30/2015	12:23
Nitrobenzene	< 10.0	ug/L		10/30/2015	12:23
N-Nitrosodimethylamine	< 10.0	ug/L		10/30/2015	12:23
N-Nitroso-di-n-propylamine	< 10.0	ug/L		10/30/2015	12:23
N-Nitrosodiphenylamine	< 10.0	ug/L		10/30/2015	12:23
Pentachlorophenol	< 20.0	ug/L		10/30/2015	12:23
Phenanthrene	< 10.0	ug/L		10/30/2015	12:23
Phenol	< 10.0	ug/L		10/30/2015	12:23
Pyrene	< 10.0	ug/L		10/30/2015	12:23
Surrogate	Percent Recovery		Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	89.6		44.8 - 128		10/30/2015 12:23
2-Fluorobiphenyl	43.2		29 - 104		10/30/2015 12:23
2-Fluorophenol	43.5		8.26 - 108		10/30/2015 12:23
Nitrobenzene-d5	72.2		52.5 - 101		10/30/2015 12:23
Phenol-d5	29.1		0 - 106		10/30/2015 12:23
Terphenyl-d14	89.4		57 - 112		10/30/2015 12:23

Method Reference(s): EPA 625
Preparation Date: 10/30/2015
Data File: B08307.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	14.2	ug/L		10/28/2015 14:45

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

Lab Project ID: 154536
Client: **Stantec**
Project Reference: Former AMSF

Sample Identifier:		AMSF-Purge Water-20151027	
Lab Sample ID:		154536-01	Date Sampled: 10/27/2015
Matrix:		Groundwater	Date Received: 10/27/2015
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	10/28/2015 14:45
1,1,2-Trichloroethane	< 2.00	ug/L	10/28/2015 14:45
1,1-Dichloroethane	24.9	ug/L	10/28/2015 14:45
1,1-Dichloroethene	< 2.00	ug/L	10/28/2015 14:45
1,2-Dichlorobenzene	< 2.00	ug/L	10/28/2015 14:45
1,2-Dichloroethane	< 2.00	ug/L	10/28/2015 14:45
1,2-Dichloropropane	< 2.00	ug/L	10/28/2015 14:45
1,3-Dichlorobenzene	< 2.00	ug/L	10/28/2015 14:45
1,4-Dichlorobenzene	< 2.00	ug/L	10/28/2015 14:45
2-Chloroethyl vinyl Ether	< 10.0	ug/L	10/28/2015 14:45
Benzene	< 1.00	ug/L	10/28/2015 14:45
Bromodichloromethane	< 2.00	ug/L	10/28/2015 14:45
Bromoform	< 5.00	ug/L	10/28/2015 14:45
Bromomethane	< 2.00	ug/L	10/28/2015 14:45
Carbon Tetrachloride	< 2.00	ug/L	10/28/2015 14:45
Chlorobenzene	< 2.00	ug/L	10/28/2015 14:45
Chloroethane	< 2.00	ug/L	10/28/2015 14:45
Chloroform	< 2.00	ug/L	10/28/2015 14:45
Chloromethane	< 2.00	ug/L	10/28/2015 14:45
cis-1,3-Dichloropropene	< 2.00	ug/L	10/28/2015 14:45
Dibromochloromethane	< 2.00	ug/L	10/28/2015 14:45
Ethylbenzene	< 2.00	ug/L	10/28/2015 14:45
Methylene chloride	< 5.00	ug/L	10/28/2015 14:45
Tetrachloroethene	1.63	ug/L	J 10/28/2015 14:45
Toluene	< 2.00	ug/L	10/28/2015 14:45
trans-1,2-Dichloroethene	< 2.00	ug/L	10/28/2015 14:45
trans-1,3-Dichloropropene	< 2.00	ug/L	10/28/2015 14:45
Trichloroethene	< 2.00	ug/L	10/28/2015 14:45
Trichlorofluoromethane	< 2.00	ug/L	10/28/2015 14:45
Vinyl chloride	< 2.00	ug/L	10/28/2015 14:45

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Lab Project ID: 154536

Client: Stantec

Project Reference: Former AMSF

Sample Identifier: AMSF-Purge Water-20151027

Lab Sample ID: 154536-01

Date Sampled: 10/27/2015

Matrix: Groundwater

Date Received: 10/27/2015

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	98.6	81.1 - 124		10/28/2015	14:45
4-Bromofluorobenzene	92.9	79.8 - 114		10/28/2015	14:45
Pentafluorobenzene	98.9	91.1 - 111		10/28/2015	14:45
Toluene-D8	96.9	90.7 - 107		10/28/2015	14:45

Method Reference(s): EPA 624

Data File: x27181.D



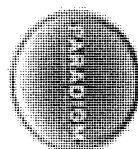
Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Arsenic	<0.00500	mg/L		10/30/2015	14:22
Cadmium	<0.00250	mg/L		10/30/2015	14:22
Chromium	<0.00500	mg/L		10/30/2015	14:22
Copper	<0.0125	mg/L		10/30/2015	14:22
Lead	<0.00500	mg/L		10/30/2015	14:22
Nickel	<0.0200	mg/L		10/30/2015	14:22
Silver	<0.00500	mg/L		10/30/2015	14:22
Zinc	<0.0300	mg/L		10/30/2015	14:22

Method Reference(s): EPA 200.7
Preparation Date: 10/29/2015
Data File: 103015b
QC Batch ID: QC151029ww
QC Number: 1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: Stantec

Project Reference: Former AMSF

Lab Project ID: 154536

SDG #: 4536-01

Matrix: Groundwater

Metals

Analyte	LCS	LCSD	Spike	LCS	LCSD	LCS %	LCSD %	% Rec	LCS	LCSD	Relative %	RPD	RPD	Date
	Added	Added	Units	Result	Result	Recovery	Recovery	Limits	Outliers	Outliers	Difference	Limit	Outliers	Analyzed
Arsenic	1.25	1.25	mg/L	1.24	1.26	99.3	101	85 - 115			1.60	20		10/30/2015
Cadmium	0.500	0.500	mg/L	0.505	0.516	101	103	85 - 115			2.07	20		10/30/2015
Chromium	1.25	1.25	mg/L	1.23	1.25	98.1	100	85 - 115			2.13	20		10/30/2015
Copper	1.25	1.25	mg/L	1.24	1.27	99.4	102	85 - 115			2.19	20		10/30/2015
Lead	1.25	1.25	mg/L	1.27	1.29	101	103	85 - 115			2.05	20		10/30/2015
Nickel	2.50	2.50	mg/L	2.64	2.69	105	108	85 - 115			2.11	20		10/30/2015
Silver	0.125	0.125	mg/L	0.122	0.124	97.5	99.2	85 - 115			1.80	20		10/30/2015
Zinc	1.25	1.25	mg/L	1.33	1.36	107	108	85 - 115			1.54	20		10/30/2015

Method Reference(s): EPA 200.7
Preparation Date: 10/29/2015
Data File: 103015b
QC Number: 1
QC Batch ID: QC151029ww

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

SDG #: 4536-01

Lab Project ID: 154536

Client: **Stantec**

Project Reference: Former AMSF

Lab Sample ID: 154536-01

Sample Identifier: AMSF-Purge Water-20151027

Matrix: Groundwater

Date Sampled: 10/27/2015

Date Received: 10/27/2015

Metals

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Arsenic	< 0.00500	mg/L	1.25	1.33	107	70 - 130		<0.00500	NC	20		10/30/2015
Cadmium	< 0.00250	mg/L	0.500	0.494	98.8	70 - 130		<0.00250	NC	20		10/30/2015
Chromium	< 0.00500	mg/L	1.25	1.25	99.9	70 - 130		<0.00500	NC	20		10/30/2015
Copper	< 0.0125	mg/L	1.25	1.33	106	70 - 130		<0.0125	NC	20		10/30/2015
Lead	< 0.00500	mg/L	1.25	1.25	99.7	70 - 130		<0.00500	NC	20		10/30/2015
Nickel	< 0.0200	mg/L	2.50	2.57	103	70 - 130		<0.0200	NC	20		10/30/2015
Silver	< 0.00500	mg/L	0.125	0.127	102	70 - 130		<0.00500	NC	20		10/30/2015
Zinc	0.0243	mg/L	1.25	1.42	112	70 - 130		0.0243	NC	20		10/30/2015

Method Reference(s): EPA 200.7

Preparation Date: 10/29/2015

QC Batch ID: 103015b

QC Batch ID: QC151029ww

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

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Report Prepared Tuesday, November 03, 2015



Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
PCB-1016	<1.00	ug/L		10/30/2015	20:53
PCB-1221	<1.00	ug/L		10/30/2015	20:53
PCB-1232	<1.00	ug/L		10/30/2015	20:53
PCB-1242	<1.00	ug/L		10/30/2015	20:53
PCB-1248	<1.00	ug/L		10/30/2015	20:53
PCB-1254	<1.00	ug/L		10/30/2015	20:53
PCB-1260	<1.00	ug/L		10/30/2015	20:53

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
Decachlorobiphenyl	64.4	2.99 - 139		10/30/2015	20:53
Tetrachloro-m-xylene	34.0	0 - 92.3		10/30/2015	20:53

Method Reference(s): EPA 608
Preparation Date: 10/29/2015
QC Batch ID: QC151029PCBW
QC Number: 1

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former AMSF

Lab Project ID: 154536

SDG #: 4536-01

Matrix: Groundwater

PCBs

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
PCB-1016/1260	5.00	ug/L	2.52	50.5	25.9 - 102		10/30/2015
Method Reference(s): EPA 608							
Preparation Date: 10/29/2015							
QC Number: 1							
QC Batch ID: QC151029PCBW							

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Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Chlorinated Pesticides

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
4,4-DDD	<0.100	ug/L		10/30/2015	13:20
4,4-DDE	<0.100	ug/L		10/30/2015	13:20
4,4-DDT	<0.100	ug/L		10/30/2015	13:20
Aldrin	<0.100	ug/L		10/30/2015	13:20
alpha-BHC	<0.100	ug/L		10/30/2015	13:20
beta-BHC	<0.100	ug/L		10/30/2015	13:20
cis-Chlordane	<0.100	ug/L		10/30/2015	13:20
delta-BHC	<0.100	ug/L		10/30/2015	13:20
Dieldrin	<0.100	ug/L		10/30/2015	13:20
Endosulfan I	<0.100	ug/L		10/30/2015	13:20
Endosulfan II	<0.100	ug/L		10/30/2015	13:20
Endosulfan Sulfate	<0.100	ug/L		10/30/2015	13:20
Endrin	<0.100	ug/L		10/30/2015	13:20
Endrin Aldehyde	<0.100	ug/L		10/30/2015	13:20
gamma-BHC (Lindane)	<0.100	ug/L		10/30/2015	13:20
Heptachlor	<0.100	ug/L		10/30/2015	13:20
Heptachlor Epoxide	<0.100	ug/L		10/30/2015	13:20
Methoxychlor	<0.100	ug/L		10/30/2015	13:20
Toxaphene	<1.00	ug/L		10/30/2015	13:20
trans-Chlordane	<0.100	ug/L		10/30/2015	13:20

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
Decachlorobiphenyl (1)	80.7	22 - 126		10/30/2015	13:20
Tetrachloro-m-xylene (1)	38.2	0.8 - 98.9		10/30/2015	13:20

Method Reference(s): EPA 608
Preparation Date: 10/30/2015
QC Batch ID: QC151030PESTW
QC Number: 1

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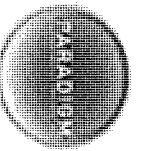
QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Chlorinated Pesticides

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
4,4-DDD (1)	0.500	ug/L	0.336	67.2	31 - 141		10/30/2015
4,4-DDE (1)	0.500	ug/L	0.317	63.4	30 - 145		10/30/2015
4,4-DDT (1)	0.500	ug/L	0.347	69.5	25 - 160		10/30/2015
Aldrin (1)	0.500	ug/L	0.221	44.1	42 - 122		10/30/2015
alpha-BHC (1)	0.500	ug/L	0.278	55.6	37 - 134		10/30/2015
beta-BHC (1)	0.500	ug/L	0.340	68.1	17 - 147		10/30/2015
cis-Chlordane (1)	0.500	ug/L	0.346	69.2	45 - 119		10/30/2015
delta-BHC (1)	0.500	ug/L	0.316	63.1	19 - 140		10/30/2015
Dieldrin (1)	0.500	ug/L	0.344	68.7	36 - 146		10/30/2015
Endosulfan I (1)	0.500	ug/L	0.362	72.5	45 - 153		10/30/2015
Endosulfan II (1)	0.500	ug/L	0.366	73.2	0 - 202		10/30/2015
Endosulfan Sulfate (1)	0.500	ug/L	0.383	76.6	26 - 144		10/30/2015
Endrin (1)	0.500	ug/L	0.367	73.4	30 - 147		10/30/2015
Endrin Aldehyde (1)	0.500	ug/L	0.387	77.3	-		10/30/2015
Endrin Ketone (1)	0.500	ug/L	0.354	70.7	-		10/30/2015
gamma-BHC (Lindane) (1)	0.500	ug/L	0.308	61.5	32 - 127		10/30/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Stantec**
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Chlorinated Pesticides

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Heptachlor (1)	0.500	ug/L	0.251	50.3	34 - 111		10/30/2015
Heptachlor Epoxide (1)	0.500	ug/L	0.346	69.1	37 - 142		10/30/2015
Methoxychlor (1)	0.500	ug/L	0.408	81.5	-		10/30/2015
trans-Chlordane (1)	0.500	ug/L	0.337	67.5	45 - 119		10/30/2015
Method Reference(s):	EPA 608						
Preparation Date:	10/30/2015						
Data File:	PST12720.D						
QC Number:	1						
QC Batch ID:	QC151030PESTW						

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



Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,2,4-Trichlorobenzene	<10.0	ug/L		10/30/2015	11:26
1,2-Dichlorobenzene	<10.0	ug/L		10/30/2015	11:26
1,3-Dichlorobenzene	<10.0	ug/L		10/30/2015	11:26
1,4-Dichlorobenzene	<10.0	ug/L		10/30/2015	11:26
2,4,6-Trichlorophenol	<10.0	ug/L		10/30/2015	11:26
2,4-Dichlorophenol	<10.0	ug/L		10/30/2015	11:26
2,4-Dimethylphenol	<10.0	ug/L		10/30/2015	11:26
2,4-Dinitrophenol	<20.0	ug/L		10/30/2015	11:26
2,4-Dinitrotoluene	<10.0	ug/L		10/30/2015	11:26
2,6-Dinitrotoluene	<10.0	ug/L		10/30/2015	11:26
2-Chloronaphthalene	<10.0	ug/L		10/30/2015	11:26
2-Chlorophenol	<10.0	ug/L		10/30/2015	11:26
2-Nitrophenol	<10.0	ug/L		10/30/2015	11:26
3,3'-Dichlorobenzidine	<10.0	ug/L		10/30/2015	11:26
4,6-Dinitro-2-methylphenol	<20.0	ug/L		10/30/2015	11:26
4-Bromophenyl phenyl ether	<10.0	ug/L		10/30/2015	11:26
4-Chloro-3-methylphenol	<10.0	ug/L		10/30/2015	11:26
4-Chlorophenyl phenyl ether	<10.0	ug/L		10/30/2015	11:26
4-Nitrophenol	<20.0	ug/L		10/30/2015	11:26
Acenaphthene	<10.0	ug/L		10/30/2015	11:26
Acenaphthylene	<10.0	ug/L		10/30/2015	11:26
Anthracene	<10.0	ug/L		10/30/2015	11:26
Benzidine	<20.0	ug/L		10/30/2015	11:26
Benzo (a) anthracene	<10.0	ug/L		10/30/2015	11:26
Benzo (a) pyrene	<10.0	ug/L		10/30/2015	11:26
Benzo (b) fluoranthene	<10.0	ug/L		10/30/2015	11:26
Benzo (g,h,i) perylene	<10.0	ug/L		10/30/2015	11:26
Benzo (k) fluoranthene	<10.0	ug/L		10/30/2015	11:26

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Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Bis (2-chloroethoxy) methane	<10.0	ug/L		10/30/2015	11:26
Bis (2-chloroethyl) ether	<10.0	ug/L		10/30/2015	11:26
Bis (2-chloroisopropyl) ether	<10.0	ug/L		10/30/2015	11:26
Bis (2-ethylhexyl) phthalate	<10.0	ug/L		10/30/2015	11:26
Butylbenzylphthalate	<10.0	ug/L		10/30/2015	11:26
Chrysene	<10.0	ug/L		10/30/2015	11:26
Dibenz (a,h) anthracene	<10.0	ug/L		10/30/2015	11:26
Diethyl phthalate	<10.0	ug/L		10/30/2015	11:26
Dimethyl phthalate	<20.0	ug/L		10/30/2015	11:26
Di-n-butyl phthalate	<10.0	ug/L		10/30/2015	11:26
Di-n-octylphthalate	<10.0	ug/L		10/30/2015	11:26
Fluoranthene	<10.0	ug/L		10/30/2015	11:26
Fluorene	<10.0	ug/L		10/30/2015	11:26
Hexachlorobenzene	<10.0	ug/L		10/30/2015	11:26
Hexachlorobutadiene	<10.0	ug/L		10/30/2015	11:26
Hexachlorocyclopentadiene	<10.0	ug/L		10/30/2015	11:26
Hexachloroethane	<10.0	ug/L		10/30/2015	11:26
Indeno (1,2,3-cd) pyrene	<10.0	ug/L		10/30/2015	11:26
Isophorone	<10.0	ug/L		10/30/2015	11:26
Naphthalene	<10.0	ug/L		10/30/2015	11:26
Nitrobenzene	<10.0	ug/L		10/30/2015	11:26
N-Nitrosodimethylamine	<10.0	ug/L		10/30/2015	11:26
N-Nitroso-di-n-propylamine	<10.0	ug/L		10/30/2015	11:26
N-Nitrosodiphenylamine	<10.0	ug/L		10/30/2015	11:26
Pentachlorophenol	<20.0	ug/L		10/30/2015	11:26
Phenanthrene	<10.0	ug/L		10/30/2015	11:26
Phenol	<10.0	ug/L		10/30/2015	11:26
Pyrene	<10.0	ug/L		10/30/2015	11:26

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



Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
2,4,6-Tribromophenol	88.7	44.8 - 128		10/30/2015	11:26
2-Fluorobiphenyl	45.4	29 - 104		10/30/2015	11:26
2-Fluorophenol	47.9	8.26 - 108		10/30/2015	11:26
Nitrobenzene-d5	72.4	52.5 - 101		10/30/2015	11:26
Phenol-d5	33.5	0 - 106		10/30/2015	11:26
Terphenyl-d14	88.0	57 - 112		10/30/2015	11:26

Method Reference(s): EPA 625
Preparation Date: 10/30/2015
Data File: B08305.D
QC Batch ID: QC151030ABNW
QC Number: 1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
1,2,4-Trichlorobenzene	50.0	ug/L	27.3	54.7	44 - 142		10/30/2015
1,2-Dichlorobenzene	50.0	ug/L	27.5	55.1	32 - 129		10/30/2015
1,3-Dichlorobenzene	50.0	ug/L	27.4	54.8	0 - 172		10/30/2015
1,4-Dichlorobenzene	50.0	ug/L	27.2	54.3	20 - 124		10/30/2015
2,4,6-Trichlorophenol	75.0	ug/L	66.9	89.2	37 - 144		10/30/2015
2,4-Dichlorophenol	75.0	ug/L	62.3	83.0	39 - 135		10/30/2015
2,4-Dimethylphenol	75.0	ug/L	61.6	82.1	32 - 119		10/30/2015
2,4-Dinitrophenol	75.0	ug/L	63.3	84.4	0 - 191		10/30/2015
2,4-Dinitrotoluene	50.0	ug/L	44.1	88.3	39 - 139		10/30/2015
2,6-Dinitrotoluene	50.0	ug/L	41.8	83.6	50 - 158		10/30/2015
2-Chloronaphthalene	50.0	ug/L	37.7	75.5	60 - 118		10/30/2015
2-Chlorophenol	75.0	ug/L	59.3	79.0	23 - 134		10/30/2015
2-Nitrophenol	75.0	ug/L	64.0	85.3	29 - 182		10/30/2015
4,6-Dinitro-2-methylphenol	75.0	ug/L	67.9	90.5	0 - 181		10/30/2015
4-Bromophenyl phenyl ether	50.0	ug/L	43.4	86.8	53 - 127		10/30/2015
4-Chloro-3-methylphenol	75.0	ug/L	63.6	84.8	22 - 147		10/30/2015

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



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
4-Chlorophenyl phenyl ether	50.0	ug/L	42.8	85.7	25 - 158		10/30/2015
4-Nitrophenol	75.0	ug/L	27.7	36.9	0 - 132		10/30/2015
Acenaphthene	50.0	ug/L	40.4	80.8	47 - 145		10/30/2015
Acenaphthylene	50.0	ug/L	36.6	73.1	33 - 145		10/30/2015
Anthracene	50.0	ug/L	43.7	87.3	27 - 133		10/30/2015
Benzo (a) anthracene	50.0	ug/L	43.3	86.7	33 - 143		10/30/2015
Benzo (a) pyrene	50.0	ug/L	43.4	86.8	17 - 163		10/30/2015
Benzo (b) fluoranthene	50.0	ug/L	42.1	84.3	24 - 159		10/30/2015
Benzo (g,h,i) perylene	50.0	ug/L	43.0	86.0	0 - 219		10/30/2015
Benzo (k) fluoranthene	50.0	ug/L	45.6	91.3	11 - 162		10/30/2015
Bis (2-chloroethoxy) methane	50.0	ug/L	43.9	87.8	33 - 184		10/30/2015
Bis (2-chloroethyl) ether	50.0	ug/L	37.7	75.4	12 - 158		10/30/2015
Bis (2-chloroisopropyl) ether	50.0	ug/L	37.2	74.5	36 - 166		10/30/2015
Bis (2-ethylhexyl) phthalate	50.0	ug/L	45.1	90.1	8 - 158		10/30/2015
Butylbenzylphthalate	50.0	ug/L	45.3	90.7	0 - 152		10/30/2015
Chrysene	50.0	ug/L	44.9	89.9	17 - 168		10/30/2015

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PARADIGM
LABORATORY & ANALYTICAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Dibenz (a,h) anthracene	50.0	ug/L	25.3	50.5	0 - 227		10/30/2015
Diethyl phthalate	50.0	ug/L	45.5	91.0	0 - 114		10/30/2015
Dimethyl phthalate	50.0	ug/L	44.3	88.6	0 - 112		10/30/2015
Di-n-butyl phthalate	50.0	ug/L	45.5	91.0	1 - 118		10/30/2015
Di-n-octylphthalate	50.0	ug/L	43.5	87.1	4 - 146		10/30/2015
Fluoranthene	50.0	ug/L	44.4	88.7	26 - 137		10/30/2015
Fluorene	50.0	ug/L	42.4	84.7	59 - 121		10/30/2015
Hexachlorobenzene	50.0	ug/L	43.4	86.9	0 - 152		10/30/2015
Hexachlorobutadiene	50.0	ug/L	25.2	50.5	24 - 116		10/30/2015
Hexachloroethane	50.0	ug/L	26.0	52.0	40 - 113		10/30/2015
Indeno (1,2,3-cd) pyrene	50.0	ug/L	37.3	74.6	0 - 171		10/30/2015
Isophorone	50.0	ug/L	40.6	81.2	21 - 196		10/30/2015
Naphthalene	50.0	ug/L	30.5	61.1	21 - 133		10/30/2015
Nitrobenzene	50.0	ug/L	38.2	76.5	35 - 180		10/30/2015
N-Nitroso-di-n-propylamine	50.0	ug/L	43.3	86.6	0 - 230		10/30/2015
Pentachlorophenol	75.0	ug/L	80.3	107	14 - 176		10/30/2015

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



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former AMSF

Lab Project ID: 154536

SDG #: 4536-01

Matrix: Groundwater

Semi-Volatile Organics (Acid/Base Neutrals)

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
Phenanthrene	50.0	ug/L	44.5	89.0	54 - 120		10/30/2015
Phenol	75.0	ug/L	26.9	35.9	5 - 112		10/30/2015
Pyrene	50.0	ug/L	44.9	89.8	52 - 115		10/30/2015

Method Reference(s): EPA 625

Preparation Date: 10/30/2015

Data File: B08306.D

QC Number: 1

QC Batch ID: QC151030ABNW

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

Report Prepared Monday, November 02, 2015



Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
1,1,1-Trichloroethane	<2.00	ug/L		10/28/2015	14:22
1,1,2,2-Tetrachloroethane	<2.00	ug/L		10/28/2015	14:22
1,1,2-Trichloroethane	<2.00	ug/L		10/28/2015	14:22
1,1-Dichloroethane	<2.00	ug/L		10/28/2015	14:22
1,1-Dichloroethene	<2.00	ug/L		10/28/2015	14:22
1,2-Dichlorobenzene	<2.00	ug/L		10/28/2015	14:22
1,2-Dichloroethane	<2.00	ug/L		10/28/2015	14:22
1,2-Dichloropropane	<2.00	ug/L		10/28/2015	14:22
1,3-Dichlorobenzene	<2.00	ug/L		10/28/2015	14:22
1,4-Dichlorobenzene	<2.00	ug/L		10/28/2015	14:22
2-Chloroethyl vinyl Ether	<10.0	ug/L		10/28/2015	14:22
Benzene	<1.00	ug/L		10/28/2015	14:22
Bromodichloromethane	<2.00	ug/L		10/28/2015	14:22
Bromoform	<5.00	ug/L		10/28/2015	14:22
Bromomethane	<2.00	ug/L		10/28/2015	14:22
Carbon Tetrachloride	<2.00	ug/L		10/28/2015	14:22
Chlorobenzene	<2.00	ug/L		10/28/2015	14:22
Chloroethane	<2.00	ug/L		10/28/2015	14:22
Chloroform	<2.00	ug/L		10/28/2015	14:22
Chloromethane	<2.00	ug/L		10/28/2015	14:22
cis-1,3-Dichloropropene	<2.00	ug/L		10/28/2015	14:22
Dibromochloromethane	<2.00	ug/L		10/28/2015	14:22
Ethylbenzene	<2.00	ug/L		10/28/2015	14:22
Methylene chloride	<5.00	ug/L		10/28/2015	14:22
Tetrachloroethene	<2.00	ug/L		10/28/2015	14:22
Toluene	<2.00	ug/L		10/28/2015	14:22
trans-1,2-Dichloroethene	<2.00	ug/L		10/28/2015	14:22
trans-1,3-Dichloropropene	<2.00	ug/L		10/28/2015	14:22

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



Method Blank Report

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
Trichloroethene	<2.00	ug/L		10/28/2015	14:22
Trichlorofluoromethane	<2.00	ug/L		10/28/2015	14:22
Vinyl chloride	<2.00	ug/L		10/28/2015	14:22
<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
1,2-Dichloroethane-d4	98.8	81.1 - 124		10/28/2015	14:22
4-Bromofluorobenzene	93.1	79.8 - 114		10/28/2015	14:22
Pentafluorobenzene	99.4	91.1 - 111		10/28/2015	14:22
Toluene-D8	96.3	90.7 - 107		10/28/2015	14:22

Method Reference(s): EPA 624
Data File: x27180.D
QC Batch ID: voaasp102815
QC Number: 1



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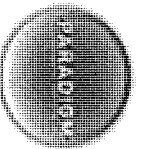
QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Analyzed Date</u>
1,1,1-Trichloroethane	20.0	ug/L	19.3	96.3	52 - 162		10/28/2015
1,1,2,2-Tetrachloroethane	20.0	ug/L	18.6	93.1	46 - 157		10/28/2015
1,1,2-Trichloroethane	20.0	ug/L	18.3	91.5	52 - 150		10/28/2015
1,1-Dichloroethane	20.0	ug/L	18.6	92.9	59 - 155		10/28/2015
1,1-Dichloroethene	20.0	ug/L	19.1	95.7	0 - 234		10/28/2015
1,2-Dichlorobenzene	20.0	ug/L	20.4	102	18 - 190		10/28/2015
1,2-Dichloroethane	20.0	ug/L	18.8	94.1	49 - 155		10/28/2015
1,2-Dichloropropane	20.0	ug/L	18.2	91.1	0 - 210		10/28/2015
1,3-Dichlorobenzene	20.0	ug/L	20.0	99.8	59 - 156		10/28/2015
1,4-Dichlorobenzene	20.0	ug/L	19.0	95.2	18 - 190		10/28/2015
Benzene	20.0	ug/L	20.0	100	37 - 151		10/28/2015
Bromodichloromethane	20.0	ug/L	19.5	97.7	35 - 155		10/28/2015
Bromoform	20.0	ug/L	15.8	79.1	45 - 169		10/28/2015
Bromomethane	20.0	ug/L	17.9	89.4	0 - 242		10/28/2015
Carbon Tetrachloride	20.0	ug/L	19.0	95.1	70 - 140		10/28/2015
Chlorobenzene	20.0	ug/L	19.3	96.4	37 - 160		10/28/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec
Project Reference: Former AMSF
Lab Project ID: 154536
SDG #: 4536-01
Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	<u>Spike Added</u>	<u>Spike Units</u>	<u>LCS Result</u>	<u>LCS % Recovery</u>	<u>% Rec Limits</u>	<u>LCS Outliers</u>	<u>Date Analyzed</u>
Chloroethane	20.0	ug/L	19.3	96.6	14 - 230		10/28/2015
Chloroform	20.0	ug/L	20.2	101	51 - 138		10/28/2015
Chloromethane	20.0	ug/L	16.5	82.5	0 - 273		10/28/2015
cis-1,3-Dichloropropene	20.0	ug/L	21.5	107	0 - 227		10/28/2015
Dibromochloromethane	20.0	ug/L	18.1	90.7	53 - 149		10/28/2015
Ethylbenzene	20.0	ug/L	20.4	102	37 - 162		10/28/2015
Methylene chloride	20.0	ug/L	15.8	78.9	0 - 221		10/28/2015
Tetrachloroethene	20.0	ug/L	19.3	96.7	64 - 148		10/28/2015
Toluene	20.0	ug/L	19.3	96.7	47 - 150		10/28/2015
trans-1,2-Dichloroethene	20.0	ug/L	18.9	94.5	54 - 156		10/28/2015
trans-1,3-Dichloropropene	20.0	ug/L	19.4	97.1	17 - 183		10/28/2015
Trichloroethene	20.0	ug/L	19.5	97.4	71 - 157		10/28/2015
Trichlorofluoromethane	20.0	ug/L	17.6	87.9	17 - 181		10/28/2015
Vinyl chloride	20.0	ug/L	17.9	89.3	0 - 251		10/28/2015

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Stantec

Project Reference: Former AMSF

Lab Project ID: 154536

SDG #: 4536-01

Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	<u>LCS %</u>	<u>% Rec</u>	<u>LCS</u>	<u>Date</u>
<u>Added</u>	<u>Units</u>	<u>Result</u>	<u>Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Analyzed</u>	
Method Reference(s):	EPA 624						
Data File:	x27179.D						
QC Number:	1						
QC Batch ID:	voaspl102815						

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Report Prepared Monday, November 02, 2015



Analytical Report Appendix

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

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

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

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

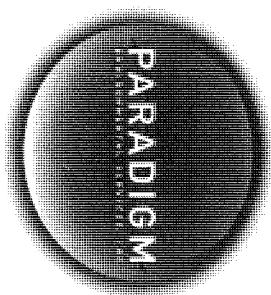
Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

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

1052

CHAIN OF CUSTODY



REPORT TO:		INVOICE TO:		LAB PROJECT ID	
CLIENT:	Stantec	CLIENT:	same		
ADDRESS:	61 Commercial St., Suite 100	ADDRESS:		154536	
CITY:	Rochester	CITY:		Quotation #:	
STATE:	NY	STATE:			
ZIP:	14617	ZIP:			
PHONE:	43-5271	PHONE:		Email:	
ATTN:	Tom Wells	ATTN:		tom.wells@stantec.com	
PROJECT REFERENCE		Former AMSF			
Matrix Codes:		WA - Water WG - Groundwater DW - Drinking Water WW - Wastewater SO - Soil SL - Sludge SD - Solid PT - Paint WP - Wipe CK - Caulk OL - Oil AR - Air			
Matrix Codes:		AQ - Aqueous Liquid NQ - Non-Aqueous Liquid			

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GARB	SAMPLE IDENTIFIER	MACRO TRENDS	CONTAMINANTS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/23/15	12:20	X		AMSF - Purple Water - 20151027	WF	X	VOCs (624) SVOCs (625) Pesticides (606) PCBs (606) TPH (1664A) Metals (200.7)	*Metals: As, Cd, Cr, Cu, Pb, Ni, Ag, Zn	01
2									
3									
4									
5									
6									
7									
8									
9									
10									

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day	<input checked="" type="checkbox"/> Batch QC <input type="checkbox"/> Basic EDD <input type="checkbox"/> NYSDEC EDD
Rush 3 day	<input type="checkbox"/> Category A <input checked="" type="checkbox"/> Category B
Rush 2 day	<input type="checkbox"/> Category B
Rush 1 day	<input type="checkbox"/> Other <input type="checkbox"/> Other EDD <input type="checkbox"/> Other please indicate:
Other	<input type="checkbox"/> Other please indicate:

Sampled By	10/23/15	12:35	Total Cost:
Refinanced By	10/23/15	13:00	
Received By	10/27/15	13:00	
Received @ Lab By	10/27/15	14:19	P.L.F.

110°C sealed started in field 10/27/15 13:18
 Custody Seals N/A, samples delivered by client, 8:00 10/27/15



Chain of Custody Supplement

2 of 2

Client: Stantec

Completed by: Glenn Pezzullo

Lab Project ID: 15453A

Date: 10/27/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> VoA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> SVA Pest PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> 625 SVA 608 Pest	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	624 VOA: Neg		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 11°C
Comments	11°C iced started in field		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			



ANALYTICAL REPORT

Lab Number:	L1527559
Client:	Paradigm Environmental Services 179 Lake Avenue Rochester, NY 14608
ATTN:	Kate Hansen
Phone:	(585) 647-2530
Project Name:	154536
Project Number:	154536
Report Date:	10/29/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 154536
Project Number: 154536

Lab Number: L1527559
Report Date: 10/29/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1527559-01	154536-01	WATER	Not Specified	10/27/15 12:20	10/27/15

Project Name: 154536
Project Number: 154536

Lab Number: L1527559
Report Date: 10/29/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 154536
Project Number: 154536

Lab Number: L1527559
Report Date: 10/29/15

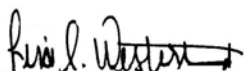
Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 10/29/15

INORGANICS & MISCELLANEOUS

Project Name: 154536

Project Number: 154536

Lab Number: L1527559

Report Date: 10/29/15

SAMPLE RESULTS

Lab ID: L1527559-01

Client ID: 154536-01

Sample Location: Not Specified

Matrix: Water

Date Collected: 10/27/15 12:20

Date Received: 10/27/15

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
TPH, SGT-HEM	ND		mg/l	4.00	1.24	1	10/28/15 18:00	10/28/15 22:00	74,1664A	ML



Project Name: 154536

Lab Number: L1527559

Project Number: 154536

Report Date: 10/29/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG835134-1										
TPH, SGT-HEM	ND		mg/l	4.00	1.24	1	10/28/15 18:00	10/28/15 22:00	74,1664A	ML



Lab Control Sample Analysis
Batch Quality Control

Project Name: 154536

Project Number: 154536

Lab Number: L1527559

Report Date: 10/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG835134-2								
TPH	80		-		64-132	-		34

Matrix Spike Analysis

Batch Quality Control

Project Name: 154536

Lab Number: L1527559

Project Number: 154536

Report Date: 10/29/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG835134-4 QC Sample: L1527430-01 Client ID: MS Sample												
TPH	2.80J	21.1	17.7	84		-	-		64-132	-		34

Lab Duplicate Analysis
Batch Quality Control

Project Name: 154536

Project Number: 154536

Lab Number: L1527559

Report Date: 10/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG835134-3 QC Sample: L1527431-01 Client ID: DUP Sample						
TPH	114.	117	mg/l	3		34

Project Name: 154536

Lab Number: L1527559

Project Number: 154536

Report Date: 10/29/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1527559-01A	Amber 1000ml H2SO4 preserved	A	N/A	3.4	Y	Absent	TPH-1664(28)

*Values in parentheses indicate holding time in days



Project Name: 154536
Project Number: 154536

Lab Number: L1527559
Report Date: 10/29/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: 154536

Lab Number: L1527559

Project Number: 154536

Report Date: 10/29/15

Data Qualifiers

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: 154536**Lab Number:** L1527559**Project Number:** 154536**Report Date:** 10/29/15

REFERENCES

- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Tl; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Tl, Zn;

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;

EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

11148

CHAIN OF CUSTODY

L1527559



REPORT TO:

INVOICE TO:

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: 179 Lake Avenue	ADDRESS:		
CITY: Rochester STATE: NY ZIP: 14608	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:	PHONE: FAX:		
ATTN: Kate Hansen	ATTN: Meridith Dillman	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> OTHER	
COMMENTS: Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com		Date Due: 11/4/15 for data	

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER NUMBER	ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 10/27/15	12:20	X		154536-01	GW	1	X	Report 5 Flags ASP Cat A Package due 11/11/15 SDG closed SW-846 HT's	
2								AMSF-Purge Water-20151027	
3									
4									
5									
6									
7									
8									
9									
10									

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance
Container Type:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	

Client

Sampled By	Date/Time
<i>[Signature]</i>	10/27/15 18:00
Relinquished By	Date/Time
<i>[Signature]</i>	10/27/15 18:00
Received By	Date/Time
<i>[Signature]</i>	10/27/15 18:00
Received By	Date/Time
<i>[Signature]</i>	10/27/15 18:40
Received @ Lab By	Date/Time

Total Cost:

P.I.F.



Department of Environmental Services
Monroe County, New York

Maggie Brooks
County Executive

Michael J. Garland, P.E.
Director

11/6/15

RE: Short Term Permit #288
12 Pixley Industrial Parkway

Dear Mr. Wells,

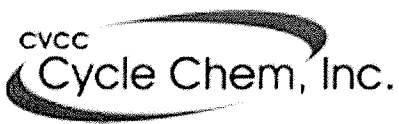
This letter is in reference to short term permit #288, issued to Maguire Family Properties, Inc. for groundwater discharge resulting from monitoring activities.

This letter serves as notice that the permit #288 has a new expiration date of November 30th, 2015.
Please continue to comply with all aspects of the permit including reporting discharge volumes and sample results till the project is complete.

If you have any question or concerns, please contact me at (585)753-7506 or at emagee@monroecounty.gov

Sincerely yours,

Erin Magee
Industrial Waste Assistant



August 4, 2014

Dennis Maguire
Maguire Family Properties, Inc.
770 Rock Beach Road
Rochester, NY 14617

Re: Notification of facility ability and willingness to accept generator's waste.
(Generator # NYE253)

Dear Dennis Maguire:

As directed by 40 CFR 264.12(b) and Cycle Chem, Inc.'s hazardous waste permit, Cycle Chem, Inc. hereby informs you that the waste streams referenced below have been granted pre-acceptance approval.

Cycle Chem, Inc. is permitted, is capable, has capacity and is willing to accept your waste, provided it conforms to the Material Profile Sheet upon which the pre-acceptance approval was granted.

This document is important. Please file it for safekeeping. A copy is also held at the Cycle Chem, Inc. facility.

SOIL CUTTINGS FROM TEST BORING

Seq-A Product-LD

Shipping Name: NON-RCRA, NON-DOT REGULATED MATERIAL (SOIL)
USEPA Haz Codes:

Ultimate Treatment: LANDFILL
Final Facility: ADVANCED DISPOSAL (CCL)

DEBRIS (POLY SHEETING)

Seq-B Product-LD

Shipping Name: NON-RCRA, NON-DOT REGULATED MATERIAL (POLY SHEETING)
USEPA Haz Codes:

Ultimate Treatment: LANDFILL
Final Facility: ADVANCED DISPOSAL (CCL)

MONITORING WELL DRILLING

Seq-C Product-LS

Shipping Name: NON-RCRA, NON-DOT REGULATED MATERIAL (BEDROCK)
USEPA Haz Codes:

Ultimate Treatment: SOLIDIFY/LANDFILL
Final Facility: ADVANCED DISPOSAL (CCL)

SEDIMENT

Seq-D Product-LS

Shipping Name: NON-RCRA, NON-DOT REGULATED MATERIAL (SEDIMENT)
USEPA Haz Codes:

Ultimate Treatment: SOLIDIFY/LANDFILL
Final Facility: ADVANCED DISPOSAL (CCL)

ADVANCED DISPOSAL (CCL)

If you have any questions regarding this proposal, please contact NYETECH at (585) 436-5660.

New Jersey TSDF
217 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-0562

Corporate Office
201 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-3495
www.cyclechem.com

Pennsylvania TSDF
550 Industrial Drive
Lewisberry, PA 17339
717-938-4700
FAX: 717-938-3301



Cycle Chem, Inc.

217 South 1st St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone: (508) 872-5000 Fax: (508) 875-5271

Material Profile Sheet

GenCode/Gen #: Stream:(if applicable)

NYE253 - A

Process/Product Code: LD

A. GENERATOR INFORMATION

EPA ID # _____

GENERATOR NAME MAGUIRE FAMILY PROPERTIES, INC.

MAILING ADDRESS 770 ROCK BEACH RD.

ROCHESTER NY 14617

GENERATOR CONTACT DENNIS MAGUIRE

GENERATOR PHONE # 585-338-2269

GENERATOR FAX _____

SITE ADDRESS 12 PIXLEY INDUSTRIAL PARKWAY

ROCHESTER NY 14624

BILLING COMPANY NYETECH

BILLING ADDRESS PO BOX 24398

ROCHESTER NY 14624

BILLING CONTACT AMY HUDAK

BILLING PHONE # 585-436-5660 FAX _____

NAME OF WASTE:

INVESTIGATION-DERIVED WASTE

PROCESS GENERATING WASTE: SOIL CUTTINGS FROM TEST BORINGS

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70° F)

Color / Odor / BROWN / NONE

Physical Description: SOIL (SAND, SILT, GRAVEL)

Wastewater: ☐ Wastewater ☒ Non-wastewater

Specific Gravity: _____

Physical State:

- ☒ Single Phase ☒ Solid ☐ Gas/Aerosol
☐ Bi-Layered ☐ Liquid ☐ Lab Pack
☐ Multi-Layered ☐ Semi-Solid
☐ Powder ☐ Sludge

Flash Point: ☐ Flash Point <74 F ☐ Flash Point 101-140 F ☐ Flash Point >200 F ☐ Exact Flash Point:

☐ Flash Point 74-100 F ☐ Flash Point 141-200 F ☒ No Flash Point

☐ Open cup ☐ Closed cup

Ignitable Solid? ☐ Yes ☒ No

pH: ☐ <2.0 ☐ 2.01-5.0 ☒ 5.01-9.0 ☐ 9.01-12.49 ☐ >12.5 ☐ Exact pH _____

Liquid/Solid/Sludge

% Liquid _____

% Suspended Solids _____

% Sludge _____

% Solid 100%

Dumpable? ☐ Yes ☒ No

Pumpable? ☐ Yes ☒ No

Pourable? ☐ Yes ☒ No

C. CHEMICAL COMPOSITION

ATTACHMENTS: ☐ MSDS attached ☐ Supplemental Analysis ☐ Additional Information ☐ LDR Attachment

Chemical Composition

Percent Minimum Maximum

SOIL FROM TEST BORINGS

95-100

PPE & PLASTIC SAMPLER SLEEVES

0-5%

G. TRANSPORTER ARRANGEMENTS

☐ CCI/GCC Provides Transportation ☐ Other:

☒ Customer Delivers to CCI/GCC

☐ Customer Delivers to End Facility via CCI/GCC

H. OTHER HAZARDOUS CHARACTERISTICS

- ☐ RCRA REACTIVE ☐ ETIOLOGICAL ☐ EXPLOSIVE/SHOCK SENSITIVE
☐ WATER REACTIVE ☐ TSCA REG ☒ NONE OF THE ABOVE
☐ RADIOACTIVE ☐ OXIDIZING MAT'L
☐ SUBJECT TO SUBPART FF BENZENE REG ☐ PYROPHORIC

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? ☐ Yes ☒ No

If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No

If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to Generator and coordinate the return, if applicable, of the non conforming waste to the point of origin as set forth in the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or charges, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator. I hereby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

Authorized Signature _____

Title _____

Date _____

CCI/GCC
APPROVAL

Sales Code _____

Tech Initials _____ Date _____

Management Initials _____ Date _____

Residual Waste /
Form Code: _____

D. REGULATORY INFORMATION

Is it USEPA Haz waste? ☐ Yes ☒ No

USEPA Haz Codes: _____

EPA Sub Categories: _____

Is it STATE waste? ☐ Yes ☒ No

STATE Haz Codes: _____

DOT Hazardous Material? ☐ Yes ☒ No

Proper Shipping Name: _____

Hazard Class: _____ UN/NA #: _____ P. G.: _____

RQ: _____ ERG#: _____

E. SHIPPING INFORMATION

Shipment Method:

- ☐ Bulk Liquid - Tanker ☐ Pallet(s) ☒ Drum(Size): 55
☐ Bulk Solid - Dmp Tir ☐ Tote(s)
☐ Bulk Solid - Roll Off ☐ Cubic Yard Box(s) ☐ Other(Size): _____

Anticipated Volume: _____ Per _____

Quantity: 8 Price: _____ / Unit: _____

F. SPECIAL HANDLING CONSIDERATIONS

- ☐ Radioactive ☐ PA RW SQG ☐ No Land Filling
☐ Etiologic/Medical Waste ☐ DRMS/DRMO Waste ☐ Incinerate Only
☐ Fuming ☐ CERCLA Waste ☐ Recycle Only
☐ Phenolics ☐ Asbestos ☐ Other: _____

NONE

Indicate if waste contains any of the following:

	Non-Reg.	or Less Than	or Actual
PCBs	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	_____
Cyanides	<input type="checkbox"/>	<input type="checkbox"/> 250 PPM	_____
Phenolics	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	_____
Sulfides	<input type="checkbox"/>	<input type="checkbox"/> 500 PPM	_____
VOCs	<input checked="" type="checkbox"/>	<input type="checkbox"/> 500 PPM	<u><1 PPM</u>
Chlorides	<input type="checkbox"/>	<input type="checkbox"/> 1000 PPM	_____



www.cyclechem.com

Cycle Chem, Inc.

217 South 1st St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone: (508) 872-5000 Fax: (508) 875-5271

Material Profile Sheet

Gencode/Gen #: Stream:(if applicable)

NYE253 - B

Process/Product Code: LD

A. GENERATOR INFORMATION

EPA ID #

GENERATOR NAME MAGUIRE FAMILY PROPERTIES, INC.

MAILING ADDRESS 770 ROCK BEACH RD.

ROCHESTER NY 14617

GENERATOR CONTACT DENNIS MAGUIRE

GENERATOR PHONE # 585-338-2269

GENERATOR FAX

SITE ADDRESS 12 PIXLEY INDUSTRIAL PARKWAY

ROCHESTER NY 14624

BILLING COMPANY NYETECH

BILLING ADDRESS PO BOX 24398

ROCHESTER NY 14624

BILLING CONTACT AMY HUDAK

BILLING PHONE # 585-436-5660 FAX

NAME OF WASTE:

DEBRIS (POLY SHEETING) FROM INVESTIGATION WASTE

PROCESS GENERATING WASTE: DISMANTLING OF EQUIPMENT DECON PAD

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70° F)

Color / Odor / WHITE / GRAY NO ODOR

Physical Description: PLASTIC

Wastewater: ☐ Wastewater ☒ Non-wastewater

Specific Gravity:

Physical State:

- ☒ Single Phase ☒ Solid ☐ Gas/Aerosol
☐ Bi-Layered ☐ Liquid ☐ Lab Pack
☐ Multi-Layered ☐ Semi-Solid
☐ Powder ☐ Sludge

Flash Point: ☐ Flash Point <74 F ☐ Flash Point 101-140 F ☐ Flash Point >200 F ☐ Exact Flash Point:

☐ Flash Point 74-100 F ☐ Flash Point 141-200 F ☒ No Flash Point

☐ Open cup ☐ Closed cup

Ignitable Solid? ☐ Yes ☒ No

pH: ☐ <2.0 ☐ 2.01-5.0 ☒ 5.01-9.0 ☐ 9.01-12.49 ☐ >12.5 ☐ Exact pH

Liquid/Solid/Sludge

% Liquid

% Suspended Solids

% Sludge

% Solid 100%

Dumpable? ☒ Yes ☐ No

Pumpable? ☐ Yes ☒ No

Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION

ATTACHMENTS: ☐ MSDS attached ☐ Supplemental Analysis ☐ Additional Information ☐ LDR Attachment

Chemical Composition

Percent Minimum Maximum

POLY SHEETING 90-100

PLASTIC SAMPLERS, PPE 0-10%

G. TRANSPORTER ARRANGEMENTS

☐ CCI/GCC Provides Transportation ☐ Other:

☒ Customer Delivers to CCI/GCC

☐ Customer Delivers to End Facility via CCI/GCC

H. OTHER HAZARDOUS CHARACTERISTICS

- ☐ RCRA REACTIVE ☐ ETIOLOGICAL ☐ EXPLOSIVE/SHOCK SENSITIVE
☐ WATER REACTIVE ☐ TSCA REG ☒ NONE OF THE ABOVE
☐ RADIOACTIVE ☐ OXIDIZING MAT'L
☐ SUBJECT TO SUBPART FF BENZENE REG ☐ PYROPHORIC

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? ☐ Yes ☒ No

If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No

If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to Generator and coordinate the return, if applicable, of the non conforming waste to the point of origin as set forth in the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or charges, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator. I hereby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

Authorized Signature _____ Title _____ Date _____

CCI/GCC
APPROVAL

Sales Code

Tech Initials _____ Date _____ Management Initials _____ Date _____

Residual Waste /
Form Code:

D. REGULATORY INFORMATION

Is it USEPA Haz waste? ☐ Yes ☒ No

USEPA Haz Codes:

EPA Sub Categories:

Is it STATE waste? ☐ Yes ☒ No

STATE Haz Codes:

DOT Hazardous Material? ☐ Yes ☒ No

Proper Shipping Name:

Hazard Class: UN/NA #: P. G.:

RQ: ERG#:

E. SHIPPING INFORMATION

Shipment Method:

- ☐ Bulk Liquid - Tanker ☐ Pallet(s) ☐ Drum(Size): 55
☐ Bulk Solid - Dmp Tlr ☐ Tote(s)
☐ Bulk Solid - Roll Off ☐ Cubic Yard Box(s) ☐ Other(Size):

Anticipated Volume: Per

Quantity: 1 Price: / Unit:

F. SPECIAL HANDLING CONSIDERATIONS

- ☐ Radioactive ☐ PA RW SQG ☐ No Land Filling
☐ Etiologic/Medical Waste ☐ DRMS/DRMO Waste ☐ Incinerate Only
☐ Fuming ☐ CERCLA Waste ☐ Recycle Only
☐ Phenolics ☐ Asbestos ☐ Other:

NONE

Indicate if waste contains any of the following:

	Non-Reg.	or Less Than	or Actual
PCBs	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	
Cyanides	<input type="checkbox"/>	<input type="checkbox"/> 250 PPM	
Phenolics	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	
Sulfides	<input type="checkbox"/>	<input type="checkbox"/> 500 PPM	
VOCs	<input type="checkbox"/>	<input type="checkbox"/> 500 PPM	
Chlorides	<input type="checkbox"/>	<input type="checkbox"/> 1000 PPM	



Cycle Chem, Inc.

217 South 1st St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone: (508) 872-5000 Fax: (508) 875-5271

Material Profile Sheet

Gencode/Gen #: Stream:(if applicable)

NYE248 - C

Process/Product Code: LS

A. GENERATOR INFORMATION

EPA ID #

GENERATOR NAME MAGUIRE FAMILY PROPERTIES, INC.
MAILING ADDRESS 770 ROCK BEACH RD.
ROCHESTER NY 14617
GENERATOR CONTACT DENNIS MAGUIRE
GENERATOR PHONE # 585-338-2269
GENERATOR FAX _____
SITE ADDRESS 12 PIXLEY INDUSTRIAL PARKWAY
ROCHESTER NY 14624

BILLING COMPANY NYETECH

BILLING ADDRESS PO BOX 24398
ROCHESTER NY 14624

BILLING CONTACT AMY HUDAK

BILLING PHONE # 585-436-5660 FAX _____

NAME OF WASTE:

INVESTIGATION WASTE

PROCESS GENERATING WASTE: MONITORING WELL DRILLING

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70° F)

Color / Odor / GRAY / NO ODOR
Physical Description: WET, PULVERIZED
BEDROCK AND SILT

Wastewater: ☐ Wastewater ☒ Non-wastewater

Specific Gravity: _____

Physical State:

☒ Single Phase ☒ Solid ☐ Gas/Aerosol
☐ Bi-Layered ☐ Liquid ☐ Lab Pack
☐ Multi-Layered ☐ Semi-Solid
☐ Powder ☐ Sludge

Flash Point: ☐ Flash Point <74 F ☐ Flash Point 101-140 F ☐ Flash Point >200 F ☐ Exact Flash Point:
☐ Flash Point 74-100 F ☐ Flash Point 141-200 F ☒ No Flash Point

☐ Open cup ☐ Closed cup

Ignitable Solid? ☐ Yes ☒ No

pH: ☐ <2.0 ☐ 2.01-5.0 ☒ 5.01-9.0 ☐ 9.01-12.49 ☐ >12.5 ☐ Exact pH _____

Liquid/Solid/Sludge

% Liquid _____
% Suspended Solids _____
% Sludge 50%
% Solid 50%
Dumpable? ☒ Yes ☐ No
Pumpable? ☐ Yes ☒ No
Pourable? ☐ Yes ☒ No

D. REGULATORY INFORMATION

Is it USEPA Haz waste? ☐ Yes ☒ No

USEPA Haz Codes: _____

EPA Sub Categories: _____

Is it STATE waste? ☐ Yes ☒ No

STATE Haz Codes: _____

DOT Hazardous Material? ☐ Yes ☒ No

Proper Shipping Name: _____

Hazard Class: _____ UN/NA #: _____ P. G.: _____

RQ: _____ ERG#: _____

C. CHEMICAL COMPOSITION

ATTACHMENTS: ☐ MSDS attached ☐ Supplemental Analysis ☐ Additional Information ☐ LDR Attachment

Chemical Composition	Percent	Minimum	Maximum
<u>PULVERIZED BEDROCK</u>	<u>0-100</u>	<u>95</u>	<u>100</u>
<u>GROUNDWATER</u>	<u>0-5</u>	<u>0</u>	<u>5</u>

E. SHIPPING INFORMATION

Shipment Method:

☐ Bulk Liquid - Tanker ☐ Pallet(s) ☒ Drum(Size): 55
☐ Bulk Solid - Dmp Tlr ☐ Tote(s)
☐ Bulk Solid - Roll Off ☐ Cubic Yard Box(s) ☐ Other(Size): _____

Anticipated Volume: _____ Per _____

Quantity: 1-2 Price: _____ / Unit: _____

F. SPECIAL HANDLING CONSIDERATIONS

☐ Radioactive ☐ PA RW SQG ☐ No Land Filling
☐ Etiologic/Medical Waste ☐ DRMS/DRMO Waste ☐ Incinerate Only
☐ Fuming ☐ CERCLA Waste ☐ Recycle Only
☐ Phenolics ☐ Asbestos ☐ Other: _____

NONE

G. TRANSPORTER ARRANGEMENTS

☐ CCI/GCC Provides Transportation ☐ Other:
☒ Customer Delivers to CCI/GCC
☐ Customer Delivers to End Facility via CCI/GCC

H. OTHER HAZARDOUS CHARACTERISTICS

☐ RCRA REACTIVE ☐ ETIOLOGICAL ☐ EXPLOSIVE/SHOCK SENSITIVE
☐ WATER REACTIVE ☐ TSCA REG ☒ NONE OF THE ABOVE
☐ RADIOACTIVE ☐ OXIDIZING MAT'L
☐ SUBJECT TO SUBPART FF BENZENE REG ☐ PYROPHORIC

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? ☐ Yes ☒ No
If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No
If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to Generator and coordinate the return, if applicable, of the non conforming waste to the point of origin as set forth in the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or charges, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator. I hereby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

Authorized Signature _____

Title _____

Date _____

CCI/GCC
APPROVAL

Sales Code _____

Tech Initials _____ Date _____

Management Initials _____ Date _____

Residual Waste /
Form Code: _____



Cycle Chem, Inc.

217 South 1st St.
Elizabeth, NJ 07206
Phone: (908) 355-5800
Fax: (908) 355-0562

550 Industrial Dr.
Lewisberry, PA 17339
Phone: (717) 938-4700
Fax: (717) 938-3301

General Chemical Corporation

133-138 Leland St., Framingham, MA 01701
Phone: (508) 872-5000 Fax: (508) 875-5271

Material Profile Sheet

GenCode/Gen #: Stream:(if applicable)

NYE248 - D

Process/Product Code: LS

A. GENERATOR INFORMATION

EPA ID # _____

GENERATOR NAME MAGUIRE FAMILY PROPERTIES, INC.

MAILING ADDRESS 770 ROCK BEACH RD.

ROCHESTER NY 14617

GENERATOR CONTACT DENNIS MAGUIRE

GENERATOR PHONE # 585-338-2269

GENERATOR FAX _____

SITE ADDRESS 12 PIXLEY INDUSTRIAL PARKWAY

ROCHESTER NY 14624

BILLING COMPANY NYETECH

BILLING ADDRESS PO BOX 24398

ROCHESTER NY 14624

BILLING CONTACT AMY HUDAK

BILLING PHONE # 585-436-5660 FAX _____

NAME OF WASTE:
INVESTIGATION WASTE

PROCESS GENERATING WASTE: SEDIMENT FROM ROOF DRAIN & PARKING LOT DRAIN
CLEANING

B. PHYSICAL CHARACTERISTICS OF WASTE (AT 70° F)

Color / Odor / DARK GRAY, SIGHT OILY ODOR, WET SAND.

Physical Description: SILT
AND GRAVEL

Wastewater: ☐ Wastewater ☒ Non-wastewater

Specific Gravity: _____

Physical State: ☒ Single Phase ☒ Solid ☐ Gas/Aerosol
☐ Bi-Layered ☐ Liquid ☐ Lab Pack
☐ Multi-Layered ☐ Semi-Solid
☐ Powder ☐ Sludge

Flash Point: ☐ Flash Point <74 F ☐ Flash Point 101-140 F ☐ Flash Point >200 F ☐ Exact Flash Point:
☐ Flash Point 74-100 F ☐ Flash Point 141-200 F ☒ No Flash Point
☐ Open cup ☐ Closed cup

Ignitable Solid? ☐ Yes ☒ No

pH: ☐ <2.0 ☐ 2.01-5.0 ☒ 5.01-9.0 ☐ 9.01-12.49 ☐ >12.5 ☐ Exact pH _____

Liquid/Solid/Sludge

% Liquid 10%

% Suspended Solids _____

% Sludge _____

% Solid 90%

Dumpable? ☒ Yes ☐ No

Pumpable? ☒ Yes ☐ No

Pourable? ☒ Yes ☐ No

C. CHEMICAL COMPOSITION

ATTACHMENTS: ☐ MSDS attached ☐ Supplemental Analysis ☐ Additional Information ☐ LDR Attachment

Chemical Composition

DRAIN SEDIMENTS/SILTS/WATER 0-100% _____

G. TRANSPORTER ARRANGEMENTS

☐ CCI/GCC Provides Transportation ☐ Other:

☒ Customer Delivers to CCI/GCC

☐ Customer Delivers to End Facility via CCI/GCC

H. OTHER HAZARDOUS CHARACTERISTICS

☐ RCRA REACTIVE ☐ ETIOLOGICAL ☐ EXPLOSIVE/SHOCK SENSITIVE
☐ WATER REACTIVE ☐ TSCA REG ☒ NONE OF THE ABOVE
☐ RADIOACTIVE ☐ OXIDIZING MAT'L
☐ SUBJECT TO SUBPART FF BENZENE REG ☐ PYROPHORIC

1. Is this waste characteristically hazardous for metals or organics (EPA Waste Codes D004 through D043)? ☐ Yes ☒ No
If YES, please list the constituents and concentrations in section C.

2. Does this waste contain underlying hazardous constituents as defined in 40 CFR 268 Part 2, Section I at concentrations exceeding the UTS treatment standards? ☐ Yes ☒ No
If YES, please list the constituents and concentrations in section C.

GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all other attached documents is complete, contains true and accurate descriptions and is representative of the waste material, and that all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. If CCI/GCC discovers, after having taken the delivery of the waste, that any waste does not conform to the identification or descriptions contained in this MPS then CCI/GCC shall provide notice to Generator and coordinate the return, if applicable, of the non conforming waste to the point of origin as set forth in the manifest or to such other locations designated in writing by the Generator. Generator agrees to reimburse CCI/GCC for all handling, packaging, cleanup and transportation costs or charges, damage to equipment and costs associated with lost time incurred by CCI/GCC during the receipt, handling, temporary storage and return of such non conforming waste to its point of origin or to such other location designated by the Generator. I hereby authorize CCI/GCC to amend and/or correct any information on the MPS with the full understanding that if any amendment or correction is performed, I will be contacted as such to issue any approval.

Authorized Signature _____ Title _____ Date _____

CCI/GCC
APPROVAL

Sales Code _____

Tech Initials _____ Date _____

Management Initials _____ Date _____

Residual Waste /
Form Code: _____

D. REGULATORY INFORMATION

Is it USEPA Haz waste? ☐ Yes ☒ No

USEPA Haz Codes: _____

EPA Sub Categories: _____

Is it STATE waste? ☐ Yes ☒ No

STATE Haz Codes: _____

DOT Hazardous Material? ☐ Yes ☒ No

Proper Shipping Name: _____

Hazard Class: _____ UN/NA #: _____ P. G.: _____

RQ: _____ ERG#: _____

E. SHIPPING INFORMATION

Shipment Method:

☐ Bulk Liquid - Tanker ☐ Pallet(s) ☒ Drum(Size): 55
☐ Bulk Solid - Dmp Tlr ☐ Tote(s)
☐ Bulk Solid - Roll Off ☐ Cubic Yard Box(es) ☐ Other(Size): _____

Anticipated Volume: _____ Per _____

Quantity: 3 Price: _____ / Unit: _____

F. SPECIAL HANDLING CONSIDERATIONS

☐ Radioactive ☐ PA RW SQG ☐ No Land Filling
☐ Etiologic/Medical Waste ☐ DRMS/DRMO Waste ☐ Incinerate Only
☐ Fuming ☐ CERCLA Waste ☐ Recycle Only
☐ Phenolics ☐ Asbestos ☐ Other: _____

NONE

Indicate if waste contains any of the following:

	Non-Reg.	or Less Than	or Actual
PCBs	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	_____
Cyanides	<input type="checkbox"/>	<input type="checkbox"/> 250 PPM	_____
Phenolics	<input type="checkbox"/>	<input type="checkbox"/> 50 PPM	_____
Sulfides	<input type="checkbox"/>	<input type="checkbox"/> 500 PPM	_____
VOCs	<input type="checkbox"/>	<input type="checkbox"/> 500 PPM	_____
Chlorides	<input type="checkbox"/>	<input type="checkbox"/> 1000 PPM	_____

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 585-436-5660	4. Waste Tracking Number 14-0281
5. Generator's Name and Mailing Address MAGUIRE FAMILY PROPERTIES, INC. 12 PIXLEY INDUSTRIAL PARKWAY ROCHESTER NY 14624		Generator's Site Address (if different than mailing address) MAGUIRE FAMILY PROPERTIES, INC. 770 ROCK BEACH RD. ROCHESTER NY 14617			
Generator's Phone: 585 338-2269					
6. Transporter 1 Company Name NEWYORK ENVIRONMENTAL TECHNOLOGIES, INC.		U.S. EPA ID Number NYD986983229			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address CYCLE CHEM, INC. 550 INDUSTRIAL DR. LEWISBERRY PA 17339		U.S. EPA ID Number PAD067096822			
Facility's Phone: 717 938-4700					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. NON RCRA NON DOT SOLIDS, NOS (POLY/DEBRIS)		001	DM	00200	P
2. NON RCRA NON DOT SOLIDS, NOS (SOIL CUTTINGS)		008	DM	04000	P
3. NON RCRA NON DOT LIQUIDS, NOS (MONITORING WELL RESIDUE)		PB 140 000	DM	000	G
4. NON RCRA NON DOT LIQUIDS, NOS (SEDIMENT)		003	DM	00165	G
13. Special Handling Instructions and Additional Information a. NYE253-B-LD b. NYE253-A-LD Job #R6723 / PO#36914 c. NYE253-C-LS d. NYE253-D-LS					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offor's Printed/Typed Name LAURA LYONS		Signature <i>Laura Lyons</i>		Month Day Year 8/12/14	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Paul D Burch Jr		Signature <i>Paul D Burch Jr</i>		Month Day Year 8/12/14	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)		Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a					
Printed/Typed Name Michael Smith		Signature <i>Michael Smith</i>		Month Day Year 8/12/14	



1964397400

METALICO ROCHESTER, INC.
1515 SCOTTSVILLE RD.
ROCHESTER, NY 14623

SCALE RECEIPT

081314

TIME IN:: 10:36

H

RECV DATE: 8/13/2014

C

RECEIVER #: 197716

ACCOUNT: BS0100

NYETECH

230 MCKEE RD

ROCHESTER

NY 14611

COMMODITY

GROSS	TARE	NET	PRICE / UM	AMOUNT
LOOSE LITE IRON				
240	0	240		

Bank ATM Fee

0 /

ROUND PURCHASE PRICE

0 /

TOTALS: 240

THE LIST OF PROHIBITED ITEMS IS POSTED AT THE
SCALE

**The seller certifies that all refrigerant including but not limited to CFC's and HPC's as defined in section 508 of the Clean Air Act has not leaked and has previously been recovered from appliance prior to delivery. Seller certifies that the material delivered doesn't contain PCB capacitors, mercury switches,

R6723

Stater



1964267494

METALICO ROCHESTER, INC.
1515 SCOTTSVILLE RD.
ROCHESTER, NY 14623

SCALE RECEIPT

081314

TIME IN:: 09:54

H

RECV DATE: 8/13/2014

C

RECEIVER #: 197703

ACCOUNT: BS0100

NYETECH

NY

COMMODITY

GROSS	TARE	NET	PRICE / UM	AMOUNT
LOOSE LITE IRON				
320	0	320	220.00 / GT	

Bank ATM Fee

0 /

ROUND PURCHASE PRICE

0 /

TOTALS: 320

THE LIST OF PROHIBITED ITEMS IS POSTED AT THE
SCALE

