PERIODIC REVIEW REPORT
for the
FORMER AMES/HILLS PLAZA SITE
(SITE NO. C907029)

JAMESTOWN, NEW YORK

June 2017 0265-012-001

Prepared for:

REHC5, LLC

435 Main Street
PO Box 241
Dunkirk, New York 14048

Prepared By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

PERIODIC REVIEW REPORT

Former Ames/Hills Plaza Site

Table of Contents

1.0 INTRODUCTION 1
- 1.1 Site Background 1
- 1.2 Remedial History 1
- 1.3 Compliance 2
- 1.4 Recommendations 2

2.0 SITE OVERVIEW 3

3.0 REMEDY PERFORMANCE 4

4.0 SITE MANAGEMENT PLAN 5
- 4.1 Soil/Fill Management Plan 5
- 4.2 Operation, Monitoring and Maintenance Plan 5
- 4.3 Excavation Work Plan 5
- 4.4 Environmental Easement 7
- 4.5 Engineering and Institutional Control Requirements and Compliance 7
  - *4.5.1 Institutional Controls 7*
  - *4.5.2 Engineering Controls 7*
- 4.6 Annual Inspection and Certification Program 8

5.0 CONCLUSIONS AND RECOMMENDATIONS 10

6.0 DECLARATION/LIMITATION 11

PERIODIC REVIEW REPORT
Former Ames/Hills Plaza Site
Table of Contents

FIGURES

Figure 1	Site Location and Vicinity Map
Figure 2	Mulch Thickness Measurement Locations
P-1	Plumbing Plan

APPENDICIES

Appendix A	Institutional and Engineering Controls Certification Form
Appendix B	Site Photograph Log
Appendix C	Building Permits
Appendix D	Field Activity Daily Logs
Appendix E	CAMP Field Data Sheets and Air Monitoring Data
Appendix F	Disposal Documents
Appendix G	Backfill Documents

1.0 INTRODUCTION

TurnKey Environmental Restoration, LLC (TurnKey), in association with Benchmark Environmental Engineering and Science, PLLC, has prepared this Periodic Review Report (PRR), on behalf of REHC5, LLC (REHC5) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Former Ames/Hills Plaza Site (Site) (C907029).

This PRR has been prepared in accordance with the NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* (May 2010) and the NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form has been completed for the Site (see Appendix A.

This PRR and the associated form have been completed for the post-remedial activities at the Site for the June 22, 2014 to June 22, 2017 reporting period.

1.1 Site Background

The Former Ames/Hills Plaza Site is located in the City of Jamestown, County of Chautauqua, New York (see Figure 1). The Site addressed as 15 South Main Street (SBL: 387.49-1-4.1) is approximately 5.8-acres. The Site was formerly used as a furniture production, automobile repair and filing operations, and metal working, including foundries and machine shops.

The Site is bordered by the Chadakoin River to the north and east, South Main Street to the west, and Harrison Street to the south (see Figure 2).

1.2 Remedial History

REHC5 entered into a Brownfield Cleanup Agreement (BCA), (Site #C907029) with the NYSDEC in 2005 to investigate and remediate the Site under the BCP. REHC5 then completed the investigation and remediation of the Site under the supervision of the NYSDEC and NYSDOH.

The Remedial Investigation/Interim Remedial Measures (RI/IRM) Work Plan was approved by the NYSDEC in 2005. Remedial activities, including IRMs, were performed at the Site during 2005 and 2006.

The remedial program was successful in achieving the remedial objectives for the Site, and the Site Management Plan (SMP) and Final Engineering Report (FER) were approved by the Department in December 2006. An Environmental Easement was filed with the Chautauqua County Clerk on December 6, 2006, and the NYSDEC issued a Certificate of Completion (COC) for the Site on December 22, 2006.

1.3 Compliance

At the time of the Site inspection, the Site was compliant with the Department's approved SMP.

1.4 Recommendations

Based on the post-remedial status for the Site, TurnKey makes the following recommendation for the Site.

- Modification of the certification reporting requirement from triennial (every three years) to quinquennial (every five years).

No other modifications are recommended at this time.

2.0 SITE OVERVIEW

The Former Ames/Hills Plaza Site is located in City of Jamestown, County of Chautauqua, New York and is an approximate 5.8 acre Site (see Figures 1 and 2). The Site is bordered by Chadakoin River to the north and east, South Main Street to the west, and Harrison Street to the south.

The Site is currently developed with the renovated former Ames/Hills department store building located on the eastern portion of the Site. Other Site improvements include asphalt pavement access roads, parking lots, concrete walkways, green space areas, and wood mulch cover system. Along the north and east boarder of the Site is a public access river walk that follows the Chadkoin River bank.

The contamination of the Site was well characterized through the collection and analysis of groundwater, surface soil, subsurface soil, indoor air, and soil vapor samples. Semi-Volatile Organic Compounds (SVOCs) and metals contamination was present in the surface and subsurface soil across the Site. Petroleum impacts were localized to the north/northwest corner of the Site due to the presence of an underground storage tank (UST). Both the petroleum contaminated soils and UST were removed and disposed off-Site during the interim remedial measure (IRM).

The soil cover system has been implemented across the entire Site with the following features:

- A minimum of two feet thick layer of clean soil – in green space areas
- A minimum of six inch thick layer of wood mulch – in green space areas with mature trees
- Asphalt – in areas for parking lots and access roads
- Concrete – for building foundation and walkways

Remedial activities were completed in December 2006. The FER and SMP for the Site were approved by the Department in December 2006. The Certificate of Completion (COC) was issued for the Site on December 22, 2006.

3.0 REMEDY PERFORMANCE

Annual inspections have been completed at the Site since 2007. A TurnKey qualified environmental professional completed the 2015-2017 annual site inspections on July 31, 2015, August 3, 2016 and June 2, 2017. The Site inspection includes a walk-over of the entire BCP Site to visually observe and document the use and integrity of the cover systems, including wood mulch thickness measurements. Additionally, the southwestern bank of the Chadakoin River is visually inspected for petroleum contamination emitting from the subsurface. Overall the site was deemed to be compliant with the Site Management Plan (SMP) requirements at the time of the site inspection.

Mulch thickness was greater than required by the MSP in all case, with measured thicknesses ranging from 7 inches to 10 inches, asphalt and concrete surface cover appeared in good condition, and no evidence of impacts were noted in the creek. Discussions with Mr. John Bandish, representing REHC5, LLC, indicated that the only intrusive work that has occurred during the 2015-2017 reporting period was the interior building renovations.

The completed IC/EC Certification form and site photographs are included in Appendix A and Appendix B, respectively.

4.0 SITE MANAGEMENT PLAN

The Former Ames/Hills Plaza Site post-remedial Site Management Plan (SMP) was approved by the NYSDEC in December 2006. The SMP provides a detailed description of all procedures required to manage remaining contamination at the Site after completion of the Remedial Action, including: (1) implementation and management of all Institutional and Engineering Controls; and, (2) performance of periodic inspections, certification of results, and submittal of Periodic Review Reports.

A brief description of these SMP components is presented below.

4.1 Soil/Fill Management Plan

A SFMP was included in the approved-SMP for the Site. The SFMP provides guidelines for the management of soil and fill material during any intrusive activities.

During this reporting period, TurnKey Environmental Restoration submitted a Notification Addendum (May 2017) on behalf of REHC5 to detail the planned interior building renovations. Further detail of work completed in accordance with the SMP during this reporting period is provided in Section 4.3 below.

4.2 Operation, Monitoring and Maintenance Plan

The OM&M Plan consists of three major components, including the Active Sub-slab Depressurization System (ASD); the Long-Term Groundwater Monitoring (LTGWM) Plan; and the Annual Inspection & Certification Program.

4.3 Excavation Work Plan

The Excavation Work Plan, which is included within the approved-SMP for the Site, provides guidelines for the management of soil/fill material during any future intrusive activities.

During this reporting period, TurnKey submitted a Notification Addendum (May 2017) on behalf of REHC5 to detail the planned interior building renovations Work completed in accordance with the Excavation Work Plan during this reporting period includes:

- **Interior Building Renovations**

The renovation project included disturbing the concrete slab (cover system element) for the rerouting of plumbing lines for the updated medical offices. The subslab plumbing included the removal of existing concrete slab for offsite recycling, excavation of subslab stone and soil material for new plumbing lines, installation of new plumbing lines and backfill with approved structural stone, and placement of new concrete in the disturbed areas.

City of Jamestown building permits are included in Appendix C.

- **Interior Plumbing Excavation Activities**

Soil/fill, concrete, and debris was excavated to a depth of approximately 1.5 feet below concrete slab for subgrade sanitary piping installation (see P-1). The material was temporarily stockpiled in roll-off containers and transported off-site by Casella Waste Systems (9A-488) for disposal at the Chautauqua County Landfill, located in Jamestown, New York. Approval from the disposal facility is included in Appendix F. A fully executed manifest from the Chautauqua County Landfill was not provided to TurnKey.

- **Backfill Material**

Approximately 5 tons of clean #1 stone from Tri-James Services, Frewsburg plant, was used as backfill for pipe bedding, previously approved by the Department for the Site. All stone material met the requirements of DER-10 Section 5.5, allowing for use of virgin material without additional chemical testing. Material sieve analyses and backfill source scale receipts are provided in Appendix G.

- **Community Air Monitoring Plan Activities**

TurnKey personnel oversaw excavation activities, including visual, olfactory and photoionization detector (PID) screening and conducted Community Air Monitoring Plan (CAMP) activities during excavation activities. All monitoring results conformed to the CAMP perimeter particulate (PM10) and the organic vapor perimeter 15-minute average thresholds during intrusive work. CAMP activities are detailed on the CAMP field data sheets provided in Appendix E.

- **Reporting**

Copies of daily field logs are included in Appendix D and a photolog of interior renovation activities is included in Appendix B.

4.4 Environmental Easement

The Environmental Easement details the requirements of the site owner's to comply with the SMP, including the SFMP and OM&M Plan, as described above. The Environmental Easement also describes the Institutional and Engineering Controls (IC/ECs), as described below.

4.5 Engineering and Institutional Control Requirements and Compliance

As detailed in the Environmental Easements, several Institutional and Engineering Controls (IC/ECs) need to be maintained as a requirement of the BCA for the Site.

4.5.1 Institutional Controls

- Implementation of the SMP.
- Implementation of the O&M Plan.
- Land-Use Restriction - the controlled property may be used for commercial and/or industrial use only.
- Groundwater-Use Restriction – the use of groundwater for potable and non-potable purposes is prohibited, without treatment to render it safe for the intended purpose;

4.5.2 Engineering Controls

- Cover System – The cover system, including building foundations, concrete sidewalks, concrete or asphalt driveways and parking areas, and landscaped vegetated/mulched areas are all being maintained in compliance with the SMP.

At the time of the site inspection, the Site was fully compliant with all engineering and institutional control requirements.

4.6 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines the requirements for the Site, to certify and attest that the institutional controls and/or engineering controls employed at the Site are unchanged. The Annual Certification will primarily consist of an annual Site Inspection to complete the auto-generated NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form. The site inspection will verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.

And that:

- Nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- Nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Annual site inspections were completed by a TurnKey Qualified Environmental Professional (QEP) on July 31, 2015, August 3, 2016, and June 2, 2017. At the time of the inspection, the property was being used as a commercial medical practice, undergoing interior building renovations.

The Site is connected to municipal water supply, and no observable use of groundwater was noted during the site inspection; however, all intrusive activities were completed as of the date of this report, with interior build-out renovations ongoing.

The Site includes paved roadways/walkways, green space (mulch covered), and parking areas, and area were deemed competent with no apparent penetrations of the cover system noted. During annual site inspections, mulched areas are inspected to verify that a minimum of six-inches of mulch is present. Mulch thickness was greater than six-inches in all cases. Figure 2 shows the locations and thickness of the mulch across the Site.

Visual inspection of the Chadokain River was also completed, with no visual evidence of contaminant emissions noted along the river bank adjacent to the site.

The completed Institutional and Engineering Controls Certification Form is included in Appendix A. A photolog of the site inspection is included in Appendix B.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions and recommendations are as follows:

- At the time of the site inspection, the Site was in compliance with the Site Management Plan.

The following modifications are recommended for the Site.

- Modification of the certification reporting requirement from triennial (every three years) to quinquennial (every five years).

6.0 DECLARATION/LIMITATION

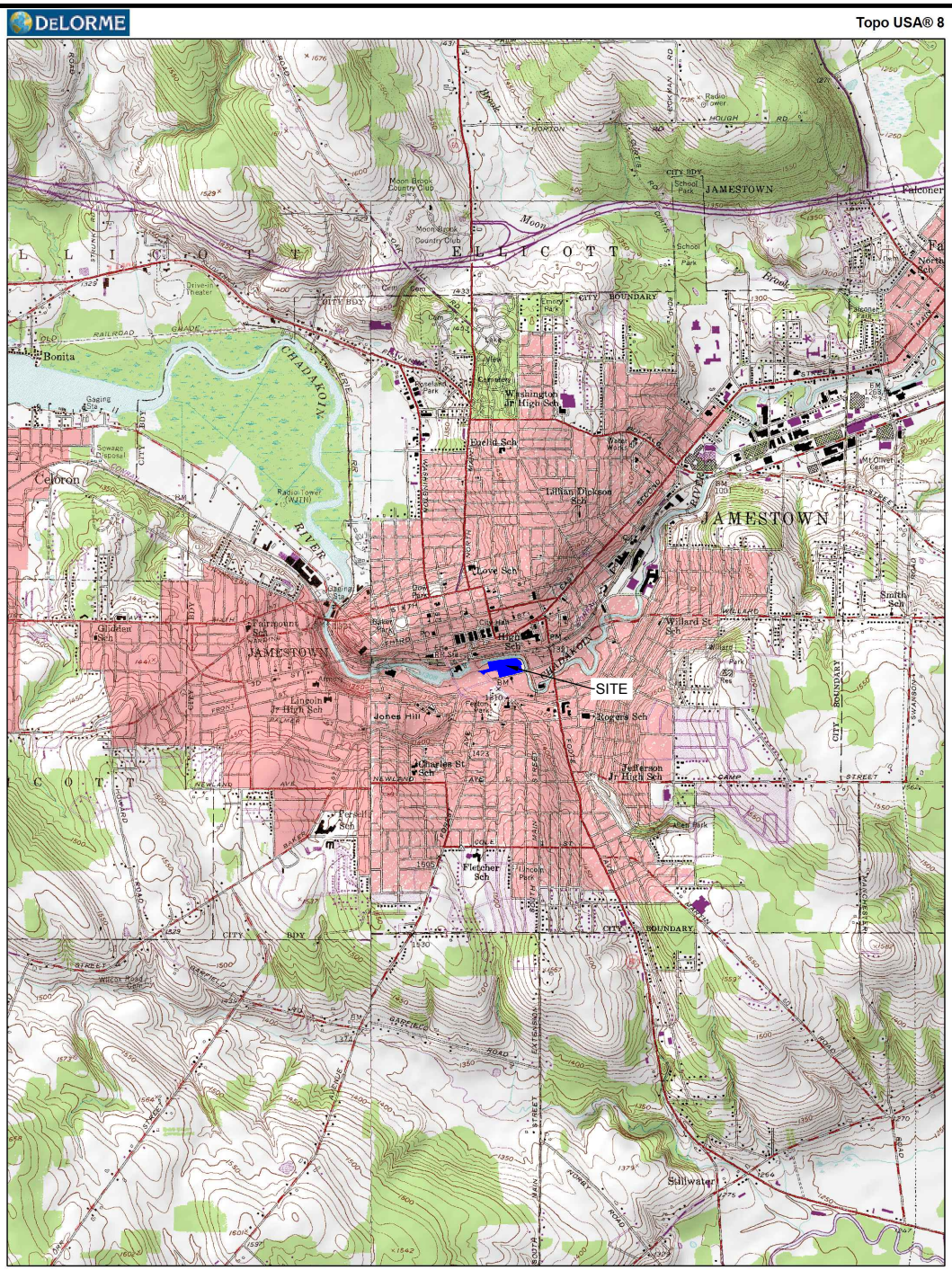
TurnKey Environmental Restoration, LLC personnel conducted the annual site inspections for Brownfield Cleanup Program Site No. C907029, located in Jamestown, New York, according to generally accepted practices. This report complied with the scope of work provided to REHC5 by TurnKey Environmental Restoration, LLC.

This report has been prepared for the exclusive use of REHC5. The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of REHC5. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.

FIGURES

F:\CAD\TurnKey\REHC5 LLC\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0265-012-001

DATE: JUNE 2017

DRAFTED BY: CCB

SITE LOCATION & VICINITY MAP

2017 PERIODIC REVIEW REPORT

FORMER AMES/HILLS PLAZA SITE
15 SOUTH MAIN STREET
JAMESTOWN, NEW YORK

PREPARED FOR

REHC5, LLC

F:\CAD\TurnKey\REHC5 LLC\Figure 2. Site Plan.dwg

MULCH MEASUREMENT POINT	DEPTH OF MULCH COVER		
	2015	2016	2017
1	7+"	8"	7+"
2	7+"	8"	9.5+"
3	7+"	7.5"	10+"
4	8+"	8"	9.5+"
5	8+"	7.5"	7+"
6	8+"	7.5"	10+"
7	7+"	7.5"	9+"
8	8+"	7.5"	7.5+"
9	7+"	7.5"	7+"

LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING
- 24" CLEAN SOIL COVER
- 6" WOOD MULCH COVER
- ASPHALT PAVEMENT
- CONCRETE WALKWAY
- #3 ● MULCH MEASUREMENT POINT

NOTES:

1. BASEMAP PER ARCADIS US, INC. FIGURE 2 (JULY 2011).

N

100' 0' 100' 200'

SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)

DATE: JUNE 2017
DRAFTED BY: BLR/CCB

2556 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

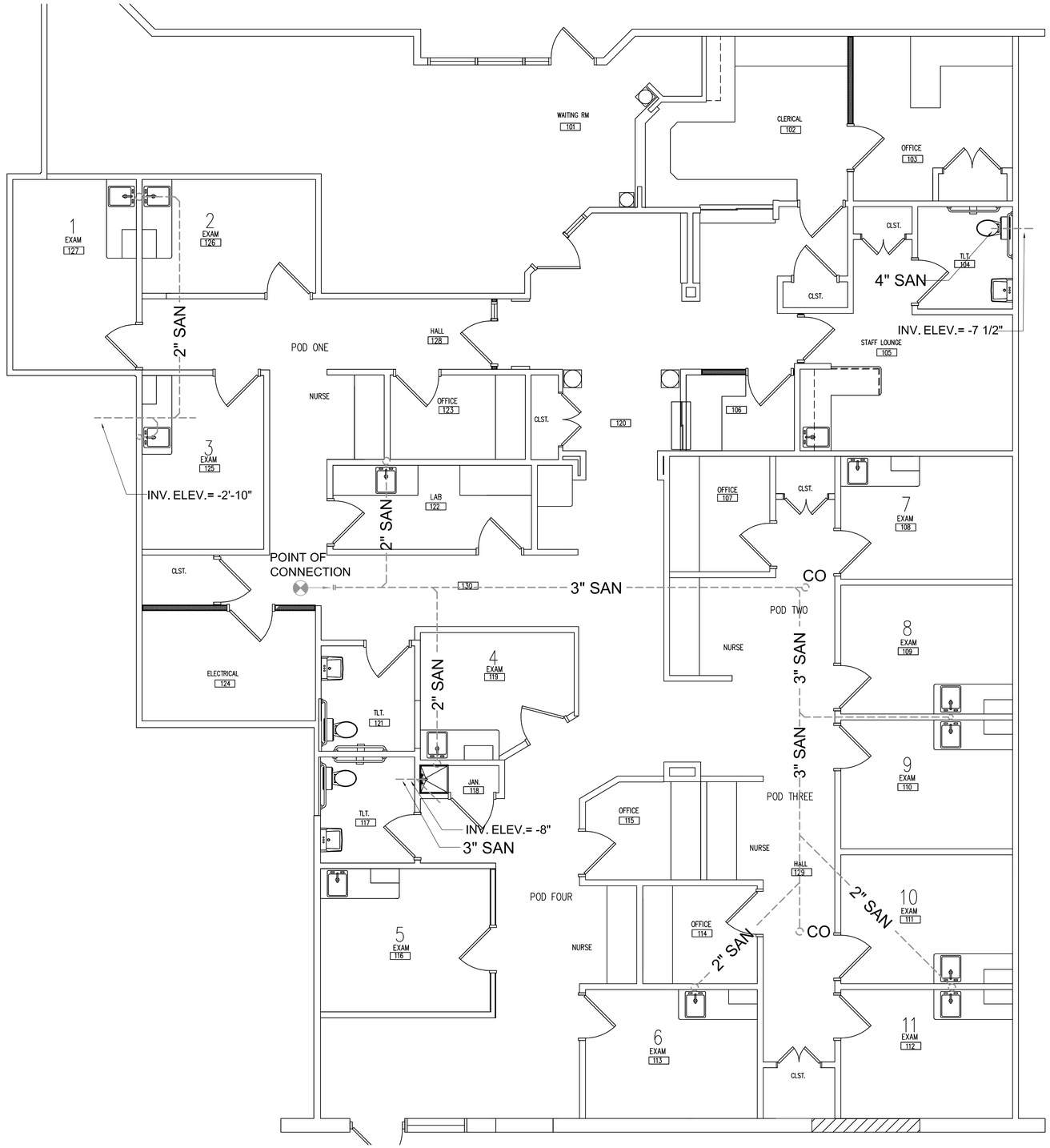
TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0265-012-001

MULCH THICKNESS MEASUREMENT LOCATIONS

2017 PERIODIC REVIEW REPORT
FORMER AMES/HILLS PLAZA SITE
15 SOUTH MAIN STREET
JAMESTOWN, NEW YORK
PREPARED FOR
REHC5, LLC

FIGURE 2



PLUMBING FLOOR PLAN

SCALE: 1/4"=1'-0"

Chautauqua Engineering

NORTH

NO.	DATE	REVISIONS

SCALE: 1/4" = 1'-0"
DRAWN BY: CG
CHECKED BY: CG
FILE NAME:
APPROVED BY:
JOB PHONE:
DRAWING NO.:
DATE: 5/3/2017

WCA HOSPITAL
JAMESTOWN, NEW YORK 14701

DESCRIPTION: PLUMBING PLAN

PROJECT NAME: RIVERWALK FAMILY PRACTICE FLOOR PLAN

P-1

APPENDIX A

INSTITUTIONAL & ENGINEERING CONTROLS CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C907029**

Site Name Former Ames/Hills Plaza

Site Address: 15 South Main St. Zip Code: 14701
City/Town: Jamestown
County: Chautauqua
Site Acreage: 5.8

Reporting Period: June 22, 2014 to June 22, 2017

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☒	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. C907029 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
387.49-1-4.1	REHC-5	Soil Management Plan Landuse Restriction Ground Water Use Restriction O&M Plan

i) Implementation of OM&M Plan, Soil/Fill Management Plan - 12/2006
ii)Maintenance of Cover System.
iii) Prohibition of use of groundwater

387.49-1-6	REHC 5, Attn: Peter Krog	O&M Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction

i) Implementation of OM&M Plan, Soil/Fill Management Plan - 12/2006
ii)Maintenance of Cover System.
iii) Prohibition of use of groundwater

Box 4

Description of Engineering Controls

Parcel	Engineering Control
387.49-1-4.1	Cover System

i) Implementation of OM&M Plan, Soil/Fill Management Plan - 12/2006
ii)Maintenance of Cover System.
iii) Prohibition of use of groundwater

387.49-1-6	Cover System

i) Implementation of OM&M Plan, Soil/Fill Management Plan - 12/2006
ii)Maintenance of Cover System.
iii) Prohibition of use of groundwater

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C907029

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I DANIEL P. RENINGA at 15 S. MAIN STREET, JAMESTOWN, NY
print name print business address

am certifying as OWNER/DESIGNATED PARTY (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

7/15/17
Date

IC/EC CERTIFICATIONS

C907029

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Nathan Munkey at 2558 Hamburg Turnpike Ste 300 Buffalo NY 14218
print name print business address

am certifying as a Qualified Environmental Professional for the _____
(Owner or Remedial Party)

		17 July 2017
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

APPENDIX B

SITE PHOTOGRAPH LOG

Former Ames-Hills Plaza Site – 2017 Site Inspection - Photolog
6/2/2017

Photos 1

Photo 2

Photo 3

Photo 4

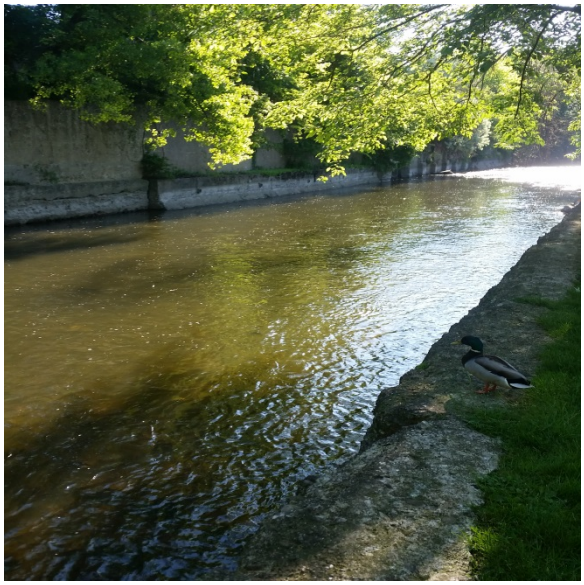


Photo 1 – Subject property – cover system – looking west

Photo 2 – Subject property – cover system – looking east

Photo 3 – Subject property – Chadakoin River – looking west

Photo 4 – Subject property – Chadakoin River – looking east

Former Ames-Hills Plaza Site – 2017 Site Inspection - Photolog
6/2/2017

Photo 5

Photo 6

Photo 7

Photo 8

Photo 5 – Subject property – northern side – looking west

Photo 6 – Subject property – northern side – looking west

Photo 7 – Subject property – northern side – looking west

Photo 8 – Subject property – Front of building - mulch cover

Former Ames-Hills Plaza Site – 2017 Site Inspection - Photolog
6/2/2017

Photo 9

Photo 10

Photo 11

Photo 12

Photo 9 – Subject property – parking area (No. 7) – looking west

Photo 10 – Subject property – parking area – looking west

Photo 11 – Subject property – parking area (No. 8) – looking west

Photo 12 – Subject property – parking area (No. 9) – looking west toward Main St.

Former Ames-Hills Plaza Site – 2017 Site Inspection - Photolog
6/2/2017

Photo 13

Photos 14

Photo 15

Photo 16

Photo 13 – Mulch thickness location #2 – 9.5+”

Photo 14 – Mulch thickness location #3 – 10+”

Photo 15 – Mulch thickness location #6 – 10+”

Photo 16 - Mulch thickness location #8 – 7.5+”

Former Ames-Hills Plaza Site – 2017 Site Inspection - Photolog
6/2/2017

Photo 17

Photos 18

Photo 19

Photo 20

Photo 17 – Interior building renovations – concrete removal.

Photo 18 – Interior building renovations – excavation to a depth of approximately 1.5 feet below concrete slab.

Photo 19 – Interior building renovations – subgrade sanitary piping installation.

Photo 20 - Interior building renovations – final concrete cover.

APPENDIX C

BUILDING PERMITS

PO Box 700
Jamestown, NY 14702-0700
Phone (716) 661-1660
Fax (716) 661-1617

City of Jamestown, NY
Board of Public Utilities
Plumbing Permit Application

Application is hereby made for the Issuance of a Plumbing Permit for the following new and / or replacement work as designated.

Owner's Name: UPMC Chautauqua W.C.A [illegible]	Date: 4/14/17
Address: 15 S. Main St.	
Jamestown, N.Y. 14701	
Plumbing Contractor: Chautauqua Mechanical [illegible]	

FILING FEES:	
One or Two Family Dwellings:	$20.00
All other plans:	$30.00

VARIED FIXTURE FEES:		
Total number of fixtures: (includes 1 rough inspection of sanitary/supply side and 1 final inspection)	QTY:	9 x $5.00
Note: For the purpose of computing plumbing fees, a fixture shall be defined as automatic clothes washer, bathtubs, bidet, dishwashing machine, drinking fountain, emergency shower and eyewash station, food waste grinders, garbage can washer, laundry tray, lavatories, showers, sinks, urinals, water closets, whirlpool baths, healthcare fixtures and equipment, specialty plumbing fixtures, faucets and other fixture fittings, manual food and beverage dispensing equipment, floor sinks and service sinks. Stainless steel sinks	9	45.00
SANITARY SEWER REPLACEMENT :		
From main to house/building, includes one inspection:	$50.00	
Additional inspections:	$25.00 ea	
SANITARY SEWER TAPS:		
Number of residential units:		
One, Two, or Three Family Dwellings:	$200.00	
Four or more Family Dwelling units:	$50.00 ea	
All other taps (combined residential/commercial, commercial, industrial):	$400.00	
SANITARY SEWER DYE TEST:		
	$75.00	
WATER LINE REPLACEMENT:		
Includes one inspection:	$50.00	
***ADDITIONAL INSPECTIONS:**		
Additional Water/Sewer inspections:	$25.00 ea	

NOTE: All fees will automatically be doubled if an approved permit is not secured before work commences.
If fees are not paid, no additional permits will be issued.
Call (716) 661-1651 at least 24 hours in advance to schedule inspections.

I hereby agree to be bound by the provisions of the Plumbing Code and all ordinances, regulations and specifications of the City of Jamestown governing plumbing work.

FOR NON EMERGENCY INSPECTIONS 24 HR NOTICE IS REQUIRED

Ronald J. [illegible]	#38
Licensed Plumber Signature	License #

Plumbing Inspector

TOTAL $ 45.00 / 30.00

75.00 Total

CITY OF JAMESTOWN

PERMIT GRANTED

For: Alterations

Date Issued: 4-21-17 **Date of Expiration:** 10-21-17

Permit Type: Comm. Alterations **Address:** 15 S. Main

Permit #: 2017-00166

James M. Olson
Director of Financial Services/City Clerk

This card must be placed on building during construction work.

COMMERCIAL PERMIT - ALTERATIONS

Issue Date: April 21, 2017

PROJECT DESCRIPTION: Renovate the former MRI suite for a new suite for Family Practice.

City of Jamestown

200 East Third Street
Jamestown, NY 14701

(716) 483-7696 Voice
Fax

PROJECT #
CALT-17-0066

(716) 483-7696
Inspections

LOCATION
15 S Main
Jamestown, NY 14701

LEGAL
Acres 5.7
465

CONTRACTOR

(Owner as Contractor)
See Owner Information
Jamestown, NY 14701
(716) 483-7541 Phone

OWNER

Rehc 5 Llc
Attn: Dan Reininga
P.O. Box 241
Dunkirk, NY 14048

SUB-CONTRACTORS

- *Eric Eckberg, Eckberg Electric*
- *Ronald Giltinan, Chautauqua Mechanical*

AVAILABLE INSPECTIONS

- Building Framing Rough-In (required)
- Electrical Rough-In (required)
- Plumbing Rough-In (required)
- Electrical Final (required)
- Plumbing Final (required)
- Building Final (required)
- Certificate of Occupancy (required)

INFORMATION

Square Feet	2208
Tax ID#	387.49-1-4.1
Valuation	289000

FEES — TOTAL = $ 652.00

Commercial Permit Fee - Alterations	$ 652.00

PAYMENTS — TOTAL = $ 652.00

(Owner as Contractor) (Owner) *Check on 04/21/2017*	($652.00)

NOTICES

1) All work must comply with the local Zoning Code and the 2010 NYS Building Code.
2) A copy of the signed permit and approved plans must be on site at all times.
3) The project address must be clearly posted at the job site.

ISSUED BY

Issuer's Signature

04/21/2017
Date

APPENDIX D

FIELD ACTIVITY DAILY LOGS

INTERIOR BUILDING RENOVATION FIELD NOTES

5/10/17 – 5/12/17

DAILY LOG				
	DATE	05	10	17
	NO.	1		1
	SHEET		OF	

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Former Ames/Hills Plaza Site	PROJECT NO. 0265-012-001
PROJECT LOCATION: Jamestown, NY	CLIENT: REHC5, LLC
FIELD ACTIVITY: Interior Plumbing Oversight & Screening	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
6:35	Left Buffalo
8:15	On-Site
	Met with Randy from SJB doing the excavation work
	Met with Ross Fargo and talked about:
	Soil and concrete will be stockpiled in dumpster and separted out later before disposal
	Stone will be coming from Tri James. He said he sent information to Nate and will give us
	copies of scale tickets
	They will be digging to a max depth of 2.5 feet
9:15	
	Set up fans and ventilation
	Randy started breaking up concrete
	I screened surface soil as he was removing concrete - highest reading was 0.1 ppm - most
	likely a result of excavator exhaust
	Beaked for lunch from 12 - 12:30
12:30	Continued breaking and removing concrete.
	Randy said he would just be removing concrete for the remainder of the day and will begin
	excavating soil tomorrow morning.
13:00	
	Off Site

No intrusive work; therefore no CAMP required.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: A.M.: Partly Cloudy 55 F NNE 3 mph P.M.:	IMPORTANT TELEPHONE CALLS:

PERSONNEL ON SITE: CCB

SIGNATURE [signature] DATE: 5/10/2017

TurnKey Environmental Restoration, LLC

DAILY LOG	DATE	05	11	17
	NO.	1		1
	SHEET		OF	

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Former Ames/Hills Plaza Site	PROJECT NO. 0265-012-001
PROJECT LOCATION: Jamestown, NY	CLIENT: REHC5, LLC
FIELD ACTIVITY: Interior Plumbing Excavation Oversight & Screening	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
	Left Buffalo
5:55	On-Site
7:30	Met with Randy from SJB doing the excavation work
	Set up CAMP
	Set up fans and ventilation
	Began excavating soil in back to depth of 1.5 fbgs (15"-16")
	Concrete thickness: 5"-6"
	Called Chattauqua Landfill to confirm the need of WC samples
	TJ Pearce said we need one comp (WC-1), analyzed for:
	RCRA Metals
	TCLP Metals — Total volume:
	TCLP VOCs — 1.5' x 150' x 0.83' x 1.5 = 10.4 tons
	TCLP SVOCs — 27
	Ignitabiliy
	pH
	Reactivity
	Found 2" cast iron pipe ~7" below ground surface. No visual impacts or PID readings.
	Called Ross to see if he wanted to cut it and cap it or both ends or to work around it. No response. Continued digging around it.
	Collected WC sample from various locations
	Took down CAMP
	Told Randy to start with removing the rest of the concrete because I would not be there until 11:30 tomorrow
14:15	Off Site

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: A.M.: Cloudy 48 F ENE 7 mph P.M.:	IMPORTANT TELEPHONE CALLS:

PERSONNEL ON SITE: CCB

SIGNATURE Cindy Bull DATE: 5/11/2017

TurnKey Environmental Restoration, LLC

DAILY LOG	DATE	05	12	17
	NO.	1		1
	SHEET		OF	

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Former Ames/Hills Plaza Site	PROJECT NO. 0265-012-001
PROJECT LOCATION: Jamestown, NY	CLIENT: REHC5, LLC
FIELD ACTIVITY: Interior Plumbing Excavation & Installation of Piping	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
10:15	Left Buffalo
11:40	On-Site
	Excavation work complete.
	Put down stone bedding and piping
	Approximately 12" of stone for backfill and 5" of new concrete to be installed.
	One truck load of #1 stone from Tri-James Services, Inc
	Screened excavated soils in dumpster. No PID readings
12:30	Off-site to Buffalo
14:15	

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: A.M.: Cloudy 55 F ESE 7 mph P.M.:	IMPORTANT TELEPHONE CALLS:

PERSONNEL ON SITE: CCB

SIGNATURE Carl Bull DATE: 5/12/2017

Existing Inplace

average concrete (t) 6"
average soil (t) 11"
total depth 17"

New Cover

Crushstone (t) 12"
Concrete (t) 5"

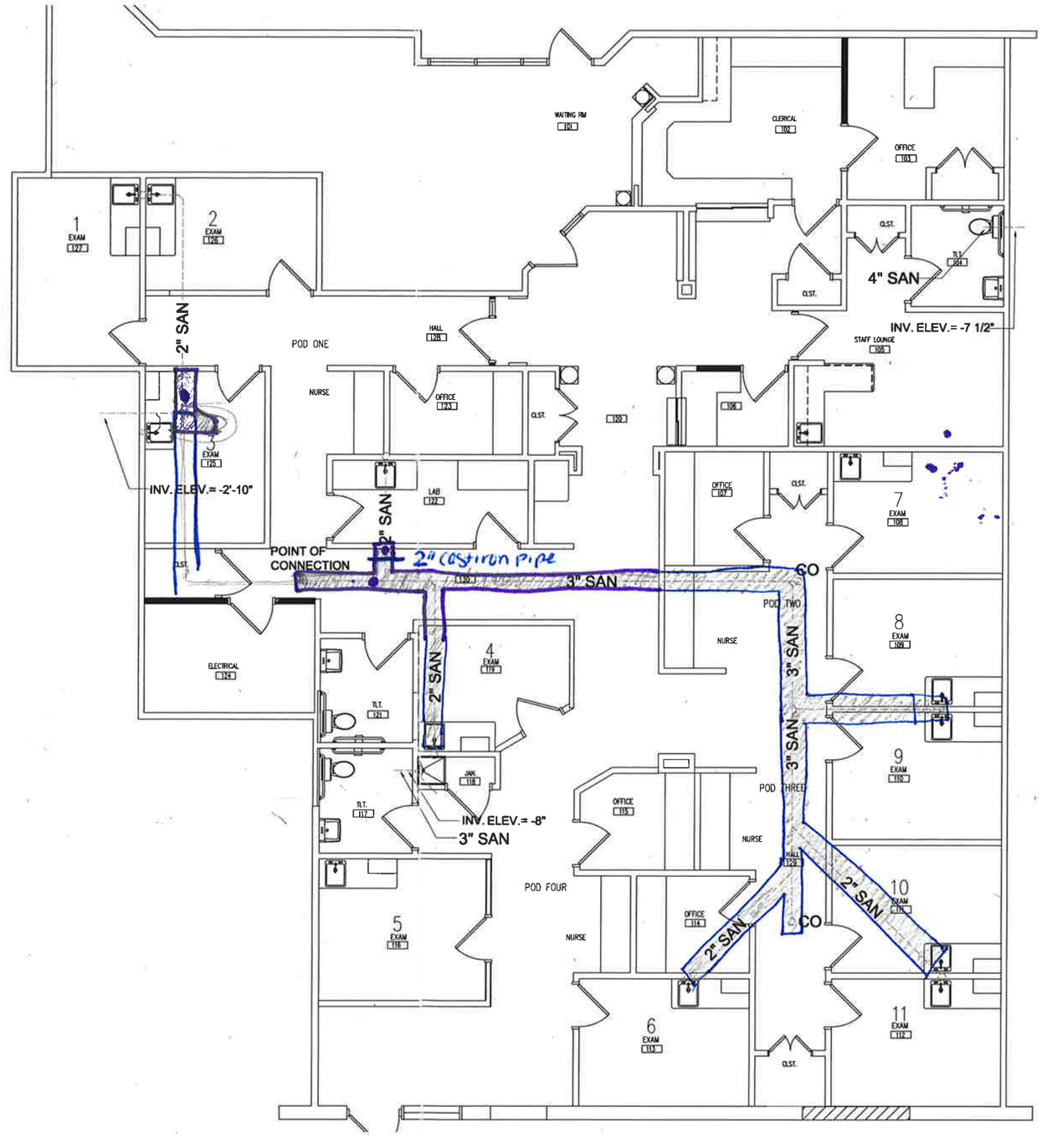
Waste generated

$\ell \sim 150'$
$w \sim 1.5'$
$d \sim 0.92'$

$\frac{206.25}{27} \times 1.5$ → 11.46 tons

Stone Needed

$\frac{(150' \times 1.5' \times 1')}{27}$ → 8.33 yd³



PLUMBING FLOOR PLAN

SCALE: 1/4"=1'-0"

Chautauqua Engineering

NORTH

REVISIONS

no.	date

SCALE: 1/4" = 1'-0"
DRAWN BY: CG
DESIGNED BY: CG
FILE NAME:
APPROVED BY:
BID TITLE:
DRAWING NO:
DATE: 5/3/2017

WCA HOSPITAL
JAMESTOWN, NEW YORK 14701

DESCRIPTION: PLUMBING PLAN

PROJECT NAME: RIVERWALK FAMILY PRACTICE FLOOR PLAN

P-1

2017 PERIODIC REVIEW REPORT
SITE INSPECTION FIELD NOTES
6/2/17

TURNKEY ENVIRONMENTAL RESTORATION, LLC

6/2/17

Sheet _____ of _____
Project No. _____
By _____ Date _____
Checked _____ Date _____
Subject _____

REHC 5, LLC 2017 PRR Site Visit / Inspection.

left Buffalo 6:30 AM.
On-site 8:15 AM.

- Met w/ John Bondish, indicated no other intrusive work done this year besides interior plumbing.
- NO visible impacts to river.

Location	Depth (in)
#1	7.0+
#2	9.5+
#3	10.0+
#4	9.5+
#5	7.0+
#6	10.0+
#7	9.0+
#8	7.5+
#9	7.0+

All depths were greater than 6".
Check in on interior.

Offsite 9:25 AM.
Back to office 10:45 AM.

CCB.

APPENDIX E

CAMP FIELD DATA SHEETS & AIR MONITORING DATA

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

COMMUNITY AIR MONITORING DAILY LOG

Date: 5/11/2017

Project: Former Ames/Hills Plaza Site

Job No.: 0265-012-001

Client: REHC, LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): CAMP station setup within the building near exterior door.

DESCRIPTION OF SITE ACTIVITIES: Concrete Removal and Interior Plumbing Excavation

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	48 F	
Wind Direction:	ENE	
Wind Speed:	7 mph	
Precipitation:	None	

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			NA		
Exceedence of 150 ug/m3 [1]			NA		
Visual Observation of Fugitive Dust			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NA		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NA		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NA		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: CCB Date: 5/11/2017

Checked By: Date:

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (℃)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 14:01	0.008	0	0			42.0935	-79.2369
5/11/2017 14:00	0.008	0	0	23.4	36.3	42.0935	-79.2368
5/11/2017 13:59	0.008	0	0	23.4	36.4	42.0935	-79.2367
5/11/2017 13:58	0.008	0	0	23.4	36.5	42.0934	-79.2366
5/11/2017 13:57	0.008	0	0	23.4	36.6	42.0935	-79.2366
5/11/2017 13:56	0.008	0	0	23.4	36.6	42.0935	-79.2367
5/11/2017 13:55	0.008	0	0	23.3	36.7	42.0934	-79.2366
5/11/2017 13:54	0.008	0	0	23.4	36.8	42.0934	-79.2366
5/11/2017 13:53	0.008	0	0	23.3	36.9	42.0934	-79.2366
5/11/2017 13:52	0.008	0	0	23.3	37	42.0934	-79.2367
5/11/2017 13:51	0.008	0	0	23.3	37	42.0935	-79.2368
5/11/2017 13:50	0.008	0	0	23.3	37.1	42.0934	-79.2369
5/11/2017 13:49	0.008	0	0	23.4	37.2	42.0934	-79.2369
5/11/2017 13:48	0.008	0	0	23.3	37.3	42.0934	-79.2369
5/11/2017 13:47	0.008	0	0	23.3	37.3	42.0935	-79.2364
5/11/2017 13:46	0.008	0	0	23.3	37.4	42.0932	-79.2364
5/11/2017 13:45	0.008	0	0	23.3	37.5	42.0939	-79.2366
5/11/2017 13:44	0.008	0	0	23.3	37.6	42.094	-79.2366
5/11/2017 13:43	0.008	0	0	23.2	37.6	42.0939	-79.2364
5/11/2017 13:42	0.008	0	0	23.3	37.7	42.0935	-79.2364
5/11/2017 13:41	0.008	0	0	23.2	37.8	42.0934	-79.237
5/11/2017 13:40	0.008	0	0	23.2	37.9	42.0937	-79.2368
5/11/2017 13:39	0.008	0	0				
5/11/2017 13:38	0.008	0	0	23.3	38	42.0938	-79.2368
5/11/2017 13:37	0.008	0	0	23.3	38.1	42.0938	-79.2369
5/11/2017 13:36	0.008	0	0	23.2	38.1	42.0937	-79.2369
5/11/2017 13:35	0.008	0	0	23.2	38.2	42.0936	-79.2369
5/11/2017 13:34	0.008	0	0	23.2	38.3	42.0936	-79.2369
5/11/2017 13:32	0.008	0	0	23.2	38.4	42.0935	-79.2369
5/11/2017 13:31	0.008	0	0	23.2	38.5	42.0935	-79.237
5/11/2017 13:30	0.008	0	0	23.2	38.6	42.0934	-79.2372
5/11/2017 13:29	0.008	0	0	23.2	38.7	42.0932	-79.2372
5/11/2017 13:28	0.008	0	0	23.2	38.8	42.0931	-79.2372
5/11/2017 13:27	0.008	0	0	23.2	38.8	42.0929	-79.238
5/11/2017 13:26	0.008	0	0	23.2	38.9		
5/11/2017 13:25	0.008	0	0	23.2	39		
5/11/2017 13:24	0.008	0	0	23.2	39		
5/11/2017 13:23	0.008	0	0	23.2	39.1	42.0931	-79.2367
5/11/2017 13:22	0.008	0	0	23.2	39.2	42.0932	-79.2367
5/11/2017 13:21	0.008	0	0	23.1	39.3	42.0933	-79.2366
5/11/2017 13:20	0.008	0	0	23.2	39.4	42.0933	-79.2368
5/11/2017 13:19	0.008	0	0	23.2	39.5	42.0933	-79.2367
5/11/2017 13:18	0.008	0	0	23.1	39.6	42.0932	-79.2365
5/11/2017 13:17	0.008	0	0	23.1	39.6	42.0932	-79.2366
5/11/2017 13:16	0.008	0	0	23.1	39.7	42.0931	-79.2366
5/11/2017 13:15	0.008	0	0	23.1	39.8	42.093	-79.2367
5/11/2017 13:14	0.008	0	0	23.1	39.9	42.093	-79.2367
5/11/2017 13:13	0.008	0	0	23.1	40	42.0933	-79.2371
5/11/2017 13:12	0.008	0	0	23	40	42.0934	-79.2371
5/11/2017 13:11	0.008	0	0	23.1	40.1	42.0934	-79.2369
5/11/2017 13:10	0.008	0	0	23.1	40.2	42.0933	-79.2373
5/11/2017 13:09	0.008	0	0	23	40.3	42.0937	-79.2372
5/11/2017 13:08	0.008	0	0	23	40.4	42.0937	-79.2371
5/11/2017 13:07	0.008	0	0	23.1	40.5	42.0936	-79.2374
5/11/2017 13:06	0.008	0	0	23	40.6	42.0935	-79.2373
5/11/2017 13:05	0.008	0	0	23.1	40.7	42.0934	-79.2365
5/11/2017 13:04	0.008	0	0	23	40.7	42.0934	-79.2368
5/11/2017 13:03	0.008	0	0	23	40.8	42.0936	-79.237
5/11/2017 13:02	0.008	0	0	23.1	40.9	42.0935	-79.237
5/11/2017 13:01	0.008	0	0	23	41	42.0935	-79.237

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (°C)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 13:00	0.008	0	0	23	41.1	42.0935	-79.2371
5/11/2017 12:59	0.008	0	0	23	41.2	42.0935	-79.2371
5/11/2017 12:58	0.008	0	0	23	41.3	42.0935	-79.2371
5/11/2017 12:57	0.008	0	0	23	41.5	42.0935	-79.237
5/11/2017 12:56	0.008	0	0	23	41.6	42.0936	-79.2369
5/11/2017 12:55	0.008	0	0	23	41.7	42.0936	-79.237
5/11/2017 12:54	0.008	0	0	22.9	41.8	42.0938	-79.2368
5/11/2017 12:53	0.008	0	0	22.8	41.9	42.0938	-79.2366
5/11/2017 12:52	0.008	0	0	23	42.1	42.0935	-79.2368
5/11/2017 12:51	0.008	0	0	22.9	42.2	42.0936	-79.2369
5/11/2017 12:50	0.008	0	0	23	42.3	42.0933	-79.2366
5/11/2017 12:49	0.008	0	0	22.9	42.4	42.0933	-79.2369
5/11/2017 12:48	0.008	0	0	23	42.6	42.0934	-79.2369
5/11/2017 12:47	0.008	0	0	22.9	42.7	42.0935	-79.2367
5/11/2017 12:46	0.008	0	0	22.9	42.8	42.0935	-79.2367
5/11/2017 12:45	0.008	0	0	22.8	42.9	42.0934	-79.2368
5/11/2017 12:44	0.008	0	0	22.8	43.1	42.0933	-79.2369
5/11/2017 12:43	0.008	0	0	22.8	43.2	42.0934	-79.2368
5/11/2017 12:42	0.008	0	0	22.8	43.4	42.0934	-79.2368
5/11/2017 12:41	0.008	0	0	22.9	43.5	42.0934	-79.2367
5/11/2017 12:40	0.008	0	0	22.8	43.6	42.0933	-79.2367
5/11/2017 12:39	0.008	0	0	22.8	43.7	42.0934	-79.237
5/11/2017 12:38	0.008	0	0	22.8	43.9	42.0933	-79.2369
5/11/2017 12:37	0.008	0	0	22.8	44	42.0933	-79.2369
5/11/2017 12:36	0.008	0	0	22.7	44.2	42.0932	-79.2367
5/11/2017 12:35	0.008	0	0	22.7	44.3	42.0934	-79.2367
5/11/2017 12:34	0.008	0	0	22.8	44.5	42.0935	-79.2369
5/11/2017 12:33	0.008	0	0	22.8	44.6	42.0935	-79.2368
5/11/2017 12:32	0.008	0	0	22.7	44.8	42.0935	-79.2368
5/11/2017 12:31	0.008	0	0	22.8	44.9	42.0936	-79.2369
5/11/2017 12:30	0.008	0	0	22.7	45	42.0935	-79.2368
5/11/2017 12:29	0.008	0	0	22.7	45.2	42.0935	-79.2367
5/11/2017 12:28	0.008	0	0	22.7	45.3	42.0935	-79.2367
5/11/2017 12:27	0.008	0	0	22.7	45.5	42.0935	-79.2368
5/11/2017 12:26	0.008	0	0	22.6	45.7	42.0936	-79.2367
5/11/2017 12:25	0.008	0	0	22.6	45.8	42.0934	-79.2366
5/11/2017 12:24	0.008	0	0	22.7	46	42.0934	-79.2365
5/11/2017 12:23	0.008	0	0	22.6	46.1	42.0934	-79.2366
5/11/2017 12:22	0.008	0	0	22.6	46.3	42.0933	-79.2366
5/11/2017 12:21	0.008	0	0	22.5	46.4	42.0934	-79.2367
5/11/2017 12:20	0.008	0	0	22.7	46.6	42.0934	-79.2366
5/11/2017 12:19	0.008	0	0	22.6	46.7	42.0934	-79.2367
5/11/2017 12:18	0.008	0	0	22.6	46.9	42.0934	-79.2367
5/11/2017 12:17	0.008	0	0	22.6	47	42.0935	-79.2367
5/11/2017 12:16	0.008	0	0	22.5	47.2	42.0935	-79.2368
5/11/2017 12:15	0.008	0	0	22.6	47.3	42.0936	-79.2369
5/11/2017 12:14	0.008	0	0	22.6	47.5	42.0935	-79.2369
5/11/2017 12:13	0.008	0	0	22.5	47.6	42.0934	-79.2369
5/11/2017 12:12	0.008	0	0	22.6	47.8	42.0934	-79.2368
5/11/2017 12:11	0.008	0	0	22.6	47.9	42.0934	-79.2368
5/11/2017 12:10	0.008	0	0	22.5	48.1	42.0934	-79.2367
5/11/2017 12:09	0.008	0	0	22.5	48.2	42.0934	-79.2368
5/11/2017 12:08	0.008	0	0	22.4	48.4	42.0934	-79.2368
5/11/2017 12:07	0.008	0	0	22.5	48.5	42.0933	-79.2368
5/11/2017 12:06	0.008	0	0	22.5	48.7	42.0933	-79.2368
5/11/2017 12:05	0.008	0	0	22.5	48.8	42.0934	-79.2367
5/11/2017 12:04	0.008	0	0	22.4	49	42.0934	-79.2367
5/11/2017 12:03	0.008	0	0	22.4	49.1	42.0935	-79.2367
5/11/2017 12:02	0.008	0	0	22.4	49.2	42.0935	-79.2367
5/11/2017 12:01	0.008	0	0	22.3	49.4	42.0935	-79.2368

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (°C)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 12:00	0.008	0	0	22.3	49.5	42.0935	-79.2369
5/11/2017 11:59	0.008	0	0	22.3	49.7	42.0935	-79.2369
5/11/2017 11:58	0.008	0	0	22.3	49.8	42.0936	-79.2369
5/11/2017 11:57	0.008	0	0	22.3	49.9	42.0936	-79.2369
5/11/2017 11:56	0.008	0	0	22.3	50	42.0936	-79.2369
5/11/2017 11:55	0.008	0	0	22.3	50.2	42.0935	-79.2369
5/11/2017 11:54	0.008	0	0	22.3	50.3	42.0934	-79.2369
5/11/2017 11:53	0.008	0	0	22.3	50.5	42.0935	-79.2369
5/11/2017 11:52	0.008	0	0	22.3	50.6	42.0935	-79.2368
5/11/2017 11:51	0.008	0	0	22.2	50.8	42.0935	-79.2368
5/11/2017 11:50	0.008	0	0	22.2	50.9	42.0935	-79.2367
5/11/2017 11:49	0.008	0	0	22.1	51.1	42.0935	-79.2367
5/11/2017 11:48	0.008	0	0	22.2	51.3	42.0935	-79.2367
5/11/2017 11:47	0.008	0	0	22.2	51.4	42.0935	-79.2367
5/11/2017 11:46	0.008	0	0	22.1	51.6	42.0935	-79.2367
5/11/2017 11:45	0.008	0	0	22.1	51.7	42.0934	-79.2368
5/11/2017 11:44	0.008	0	0	22.1	51.9	42.0934	-79.2368
5/11/2017 11:43	0.008	0	0	22.2	52	42.0933	-79.2368
5/11/2017 11:42	0.008	0	0	22.1	52.2	42.0934	-79.237
5/11/2017 11:41	0.008	0	0	22.1	52.3	42.0934	-79.237
5/11/2017 11:40	0.008	0	0	22	52.4	42.0935	-79.2369
5/11/2017 11:39	0.008	0	0	22	52.6	42.0933	-79.237
5/11/2017 11:38	0.008	0	0	22	52.7	42.0933	-79.237
5/11/2017 11:37	0.008	0	0	22.1	52.8	42.0934	-79.2372
5/11/2017 11:36	0.008	0	0	22	53	42.0935	-79.2369
5/11/2017 11:35	0.008	0	0	22.1	53.1	42.0935	-79.2369
5/11/2017 11:34	0.008	0	0	22	53.2	42.0935	-79.2369
5/11/2017 11:33	0.008	0	0	22	53.3	42.0934	-79.2369
5/11/2017 11:32	0.008	0	0	22	53.5	42.0934	-79.2369
5/11/2017 11:31	0.008	0	0	22	53.6	42.0936	-79.2368
5/11/2017 11:30	0.008	0	0	21.9	53.7	42.0935	-79.2369
5/11/2017 11:29	0.008	0	0	21.9	53.8	42.0935	-79.2369
5/11/2017 11:28	0.008	0	0	21.9	53.9	42.0935	-79.2369
5/11/2017 11:27	0.008	0	0	21.8	54	42.0935	-79.2369
5/11/2017 11:26	0.008	0	0	21.8	54.1	42.0935	-79.2369
5/11/2017 11:25	0.008	0	0	21.8	54.2	42.0935	-79.2369
5/11/2017 11:24	0.008	0	0	21.8	54.3	42.0935	-79.237
5/11/2017 11:23	0.008	0	0	21.9	54.5	42.0934	-79.237
5/11/2017 11:22	0.008	0	0	21.8	54.7	42.0934	-79.2369
5/11/2017 11:21	0.008	0	0	21.8	54.8	42.0935	-79.2368
5/11/2017 11:20	0.008	0	0	21.7	55	42.0935	-79.2368
5/11/2017 11:19	0.008	0	0	21.8	55.2	42.0935	-79.2368
5/11/2017 11:18	0.008	0	0	21.8	55.4	42.0935	-79.2368
5/11/2017 11:17	0.008	0	0	21.7	55.6	42.0936	-79.2369
5/11/2017 11:16	0.008	0	0	21.7	55.8	42.0936	-79.2368
5/11/2017 11:15	0.008	0	0	21.7	56	42.0936	-79.2368
5/11/2017 11:14	0.008	0	0	21.7	56.1	42.0937	-79.2368
5/11/2017 11:13	0.008	0	0	21.7	56.3	42.0937	-79.2369
5/11/2017 11:12	0.008	0	0	21.6	56.5	42.0937	-79.237
5/11/2017 11:11	0.008	0	0	21.6	56.7	42.0936	-79.237
5/11/2017 11:10	0.008	0	0	21.6	56.9	42.0934	-79.2369
5/11/2017 11:09	0.008	0	0	21.6	57.1	42.0933	-79.2368
5/11/2017 11:08	0.008	0	0	21.6	57.2	42.0933	-79.2368
5/11/2017 11:07	0.008	0	0	21.6	57.4	42.0933	-79.2368
5/11/2017 11:06	0.008	0	0	21.6	57.6	42.0933	-79.2366
5/11/2017 11:05	0.008	0	0	21.5	57.8	42.0933	-79.2366
5/11/2017 11:04	0.008	0	0	21.5	58	42.0933	-79.2366
5/11/2017 11:03	0.008	0	0	21.5	58.1	42.0933	-79.2366
5/11/2017 11:02	0.008	0	0	21.4	58.2	42.0934	-79.2366
5/11/2017 11:01	0.008	0	0	21.5	58.4	42.0935	-79.2369

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (°C)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 11:00	0.008	0	0	21.5	58.5	42.0935	-79.2369
5/11/2017 10:59	0.008	0	0	21.4	58.7	42.0935	-79.2369
5/11/2017 10:58	0.008	0	0	21.4	58.8	42.0934	-79.2368
5/11/2017 10:57	0.008	0	0.0008	21.4	58.8	42.0934	-79.2369
5/11/2017 10:56	0.008	0	0.0023	21.3	58.9	42.0935	-79.2369
5/11/2017 10:55	0.008	0	0.0041	21.3	59	42.0936	-79.237
5/11/2017 10:54	0.008	0	0.0044	21.3	59.1	42.0932	-79.2369
5/11/2017 10:53	0.008	0	0.0114	21.3	59.1	42.0931	-79.237
5/11/2017 10:52	0.008	0	0.0194	21.2	59.1	42.0931	-79.237
5/11/2017 10:51	0.008	0	0.0286	21.2	59.1	42.0929	-79.2371
5/11/2017 10:50	0.008	0	0.0388	21.2	59.1	42.0927	-79.2372
5/11/2017 10:49	0.008	0	0.0448	21.2	59	42.0926	-79.2372
5/11/2017 10:48	0.008	0	0.0521	21.2	58.8	42.0887	-79.237
5/11/2017 10:47	0.008	0	0.0554	21.1	58.5		
5/11/2017 10:46	0.008	0	0.0593				
5/11/2017 10:45	0.008	0	0.0611	21.1	58	42.0932	-79.2369
5/11/2017 10:44	0.008	0	0.0658	21.1	57.8	42.0932	-79.2368
5/11/2017 10:43	0.008	0.012	0.0658	21	57.6	42.0931	-79.2368
5/11/2017 10:42	0.008	0.023	0.0669	21	57.4	42.0931	-79.2368
5/11/2017 10:41	0.008	0.026	0.0652	21.1	56.9	42.0931	-79.2368
5/11/2017 10:39	0.007	0.098	0.0623	21	54.7	42.0932	-79.2369
5/11/2017 10:38	0.007	0.112	0.0616	21	53.4	42.0931	-79.2369
5/11/2017 10:37	0.007	0.129	0.0561	21	52.2	42.093	-79.2369
5/11/2017 10:36	0.007	0.143	0.0534				
5/11/2017 10:35	0.006	0.084	0.0503	20.9	49.4	42.0935	-79.2369
5/11/2017 10:34	0.006	0.103	0.0514	20.9	47.8	42.0934	-79.2369
5/11/2017 10:33	0.006	0.046	0.0516	20.8	46.1	42.0934	-79.2368
5/11/2017 10:32	0.006	0.054	0.0569	20.8	43.9	42.0934	-79.2368
5/11/2017 10:31	0.006	0.026	0.0614	20.9	42.8	42.0934	-79.2368
5/11/2017 10:29	0.006	0	0.065	20.8	40.7	42.0936	-79.2369
5/11/2017 10:28	0.006	0.026	0.0655	20.8	39.1	42.0936	-79.2369
5/11/2017 10:27	0.006	0	0.0647	20.8	38.3	42.0936	-79.2369
5/11/2017 10:26	0.006	0.011	0.0648	20.7	37.2	42.0936	-79.2369
5/11/2017 10:25	0.006	0.04	0.0644	20.8	36.3	42.0935	-79.2369
5/11/2017 10:24	0.006	0.088	0.0623	20.7	35.5	42.0935	-79.2369
5/11/2017 10:23	0.006	0.036	0.0595	20.7	34.8	42.0934	-79.2368
5/11/2017 10:22	0.005	0.091	0.0571	20.7	34.1	42.0935	-79.2368
5/11/2017 10:21	0.005	0.099	0.055	20.7	33.4	42.0936	-79.2368
5/11/2017 10:20	0.005	0.099	0.0513	20.6	32.6	42.0935	-79.2369
5/11/2017 10:19	0.005	0.106	0.0511	20.6	31.7	42.0935	-79.2369
5/11/2017 10:18	0.004	0.12	0.0545	20.6	30.6	42.0935	-79.2369
5/11/2017 10:17	0.004	0.117	0.0576	20.6	29.5	42.0935	-79.2369
5/11/2017 10:16	0.004	0.099	0.0561	20.5	28.4	42.0935	-79.2369
5/11/2017 10:15	0.004	0.043	0.0596	20.5	27.5	42.0934	-79.2369
5/11/2017 10:14	0.004	0.008	0.0637	20.4	27.3	42.0933	-79.2369
5/11/2017 10:13	0.004	0.013	0.0702	20.5	27.1	42.0934	-79.237
5/11/2017 10:12	0.004	0.002	0.0745	20.5	26.9	42.0934	-79.2369
5/11/2017 10:11	0.004	0.005	0.0778	20.4	26.5	42.0934	-79.2369
5/11/2017 10:10	0.004	0.009	0.0827	20.4	26.4	42.0935	-79.2369
5/11/2017 10:09	0.004	0.045	0.0845	20.4	26.3	42.0937	-79.237
5/11/2017 10:08	0.004	0	0.0849	20.3	26.2	42.0939	-79.237
5/11/2017 10:07	0.004	0.06	0.091	20.3	26.1	42.0944	-79.2369
5/11/2017 10:06	0.003	0.044	0.0884	20.3	26	42.095	-79.237
5/11/2017 10:05	0.003	0.095	0.0853	20.3	25.9	42.0956	-79.237
5/11/2017 10:04	0.003	0.157	0.0806	20.2	25.8	42.0962	-79.237
5/11/2017 10:03	0.003	0.167	0.0707	20.3	25.6	42.0938	-79.2369
5/11/2017 10:02	0.002	0.094	0.0598	20.2	25.5	42.0939	-79.2368
5/11/2017 10:01	0.002	0.152	0.0561	20.2	25.3		
5/11/2017 10:00	0.002	0.104	0.0454	20.1	25.2		
5/11/2017 9:59	0.002	0.106	0.0386	20.2	25	42.0936	-79.2368

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (°C)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 9:58	0.002	0.078	0.031	20.1	24.8	42.0936	-79.2368
5/11/2017 9:57	0.001	0.051	0.0254	20.1	24.7	42.0936	-79.2368
5/11/2017 9:56	0.001	0.078	0.0218	20.1	24.5	42.0935	-79.2368
5/11/2017 9:55	0.001	0.036	0.0162	20	24.3	42.0935	-79.2368
5/11/2017 9:54	0.001	0.052	0.0136				
5/11/2017 9:52	0.001	0.024	0.0093	19.9	23.7	42.0935	-79.2369
5/11/2017 9:51	0.001	0	0.0077	20	23.4	42.0934	-79.2369
5/11/2017 9:50	0.001	0.029	0.0077	20	23.1	42.0934	-79.2369
5/11/2017 9:49	0.001	0.019	0.0057	20	22.9	42.0934	-79.2368
5/11/2017 9:48	0.001	0.014	0.0045	20	22.7	42.0934	-79.2369
5/11/2017 9:47	0	0.042	0.0035	19.9	22.4	42.0934	-79.2369
5/11/2017 9:46	0	0.003	0.0007	19.8	22.3	42.0934	-79.237
5/11/2017 9:45	0	0.008	0.0005	19.8	22.2	42.0933	-79.237
5/11/2017 9:44	0	0	0	19.8	22.2	42.0933	-79.2371
5/11/2017 9:43	0	0	0	19.8	22.3	42.0934	-79.237
5/11/2017 9:42	0	0	0	19.8	22.3	42.0935	-79.237
5/11/2017 9:41	0	0	0	19.7	22.4	42.0936	-79.2369
5/11/2017 9:40	0	0	0	19.8	22.5	42.0935	-79.2369
5/11/2017 9:39	0	0	0	19.7	22.6	42.0935	-79.2369
5/11/2017 9:38	0	0	0	19.7	22.7	42.0935	-79.2368
5/11/2017 9:37	0	0	0	19.7	22.8	42.0935	-79.2368
5/11/2017 9:36	0	0	0	19.7	23	42.0935	-79.2368
5/11/2017 9:35	0	0	0	19.6	23.2	42.0934	-79.2369
5/11/2017 9:34	0	0	0	19.6	23.4	42.0935	-79.2368
5/11/2017 9:33	0	0	0	19.6	23.5	42.0935	-79.2368
5/11/2017 9:32	0	0	0	19.6	23.7	42.0934	-79.2367
5/11/2017 9:31	0	0	0	19.6	23.9	42.0934	-79.2366
5/11/2017 9:30	0	0	0	19.5	24.1	42.0934	-79.2366
5/11/2017 9:29	0	0	0	19.5	24.3	42.0935	-79.2366
5/11/2017 9:28	0	0	0	19.5	24.5	42.0935	-79.2367
5/11/2017 9:27	0	0	0.0011	19.3	24.6	42.0935	-79.2367
5/11/2017 9:26	0	0	0.0011	19.4	24.8	42.0935	-79.2367
5/11/2017 9:25	0	0	0.0011	19.3	25	42.0934	-79.2368
5/11/2017 9:24	0	0	0.0011	19.3	25.2	42.0934	-79.2369
5/11/2017 9:23	0	0	0.0011	19.3	25.4	42.0933	-79.2368
5/11/2017 9:22	0	0	0.0011	19.3	25.5	42.0935	-79.2369
5/11/2017 9:21	0	0	0.0011	19.2	25.7	42.0935	-79.237
5/11/2017 9:20	0	0	0.0011	19.2	25.8	42.0935	-79.2369
5/11/2017 9:19	0	0	0.0011	19.2	26	42.0935	-79.2368
5/11/2017 9:18	0	0	0.0011	19.2	26.2	42.0936	-79.2369
5/11/2017 9:17	0	0	0.0011	19.2	26.3	42.0936	-79.2369
5/11/2017 9:16	0	0	0.0011	19.1	26.4	42.0936	-79.2371
5/11/2017 9:15	0	0	0.0011	19.1	26.4	42.0937	-79.2369
5/11/2017 9:14	0	0	0.0011	19.1	26.5	42.0937	-79.2369
5/11/2017 9:13	0	0.016	0.0011	19	26.7	42.0937	-79.2368
5/11/2017 9:12	0	0	0	19.1	26.8	42.0936	-79.2369
5/11/2017 9:11	0	0	0.0006	19	27	42.0935	-79.237
5/11/2017 9:10	0	0	0.0007	19	27.1	42.0935	-79.237
5/11/2017 9:09	0	0	0.0007	19	27.3	42.0935	-79.237
5/11/2017 9:08	0	0	0.0023	18.9	27.5	42.0934	-79.237
5/11/2017 9:07	0	0	0.0023	18.8	27.7	42.0934	-79.237
5/11/2017 9:06	0	0	0.0023	18.8	27.8	42.0934	-79.237
5/11/2017 9:05	0	0	0.0023	18.8	28	42.0936	-79.237
5/11/2017 9:04	0	0	0.0023	18.8	28.2	42.0936	-79.237
5/11/2017 9:03	0	0	0.003	18.8	28.3	42.0936	-79.237
5/11/2017 9:02	0	0	0.003	18.7	28.4	42.0936	-79.2369
5/11/2017 9:01	0	0	0.0042	18.7	28.6	42.0936	-79.2369
5/11/2017 9:00	0	0	0.0045	18.6	28.8	42.0935	-79.2369
5/11/2017 8:59	0	0	0.0055	18.7	28.9	42.0935	-79.2369
5/11/2017 8:58	0	0	0.0075	18.6	29.1	42.0935	-79.2368

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (°C)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 8:57	0	0.009	0.0084	18.6	29.2	42.0934	-79.2367
5/11/2017 8:56	0	0.002	0.0086	18.5	29.3	42.0934	-79.2366
5/11/2017 8:55	0	0	0.0093	18.5	29.5	42.0935	-79.2367
5/11/2017 8:54	0	0.023	0.01	18.5	29.6	42.0935	-79.2368
5/11/2017 8:53	0	0	0.0085	18.3	29.6	42.0935	-79.2368
5/11/2017 8:52	0	0	0.009	18.4	29.7	42.0934	-79.2369
5/11/2017 8:51	0	0	0.0109	18.4	29.9	42.0934	-79.2369
5/11/2017 8:50	0	0	0.0129	18.3	30.1	42.0934	-79.2369
5/11/2017 8:49	0	0.011	0.0147	18.3	30.3	42.0934	-79.2369
5/11/2017 8:48	0	0	0.0148	18.3	30.5	42.0934	-79.2369
5/11/2017 8:47	0	0.018	0.0152	18.2	30.8	42.0934	-79.2369
5/11/2017 8:46	0	0.005	0.0149	18.2	31	42.0934	-79.2367
5/11/2017 8:45	0	0.015	0.0167	18.2	31.1	42.0934	-79.2366
5/11/2017 8:44	0	0.029	0.0169	18.2	31.2	42.0934	-79.2366
5/11/2017 8:43	0	0.014	0.0159	18	31.4	42.0933	-79.2366
5/11/2017 8:42	0	0.012	0.0153	18	31.4	42.0933	-79.2366
5/11/2017 8:41	0	0.012	0.0163	18	31.5	42.0933	-79.2366
5/11/2017 8:40	0	0.011	0.0167	18	31.6	42.0934	-79.2366
5/11/2017 8:39	0	0.001	0.0179	17.9	31.5	42.0934	-79.2367
5/11/2017 8:38	0	0.007	0.0191	17.9	31.6	42.0934	-79.2368
5/11/2017 8:37	0	0.028	0.0186	17.9	31.6	42.0934	-79.2371
5/11/2017 8:36	0	0.031	0.0183	17.8	31.6	42.0934	-79.2372
5/11/2017 8:35	0	0.027	0.0164	17.7	31.6	42.0934	-79.2369
5/11/2017 8:34	0	0.012	0.0147	17.8	31.5	42.0932	-79.2369
5/11/2017 8:33	0	0.006	0.0139	17.7	31.4	42.0931	-79.2366
5/11/2017 8:32	0	0.013	0.0139	17.7	31.3	42.0931	-79.2365
5/11/2017 8:31	0	0.032	0.0131	17.7	31.1	42.093	-79.2361
5/11/2017 8:30	0	0.018	0.011	17.6	30.9	42.093	-79.2358
5/11/2017 8:29	0	0.014	0.0098	17.6	30.8	42.0928	-79.2369
5/11/2017 8:28	0	0.006	0.0089	17.6	30.6	42.0935	-79.2368
5/11/2017 8:27	0	0.026	0.0085	17.5	30.5	42.0935	-79.2369
5/11/2017 8:26	0	0.018	0.0067	17.5	30.3	42.0935	-79.2369
5/11/2017 8:25	0	0.029	0.0058	17.4	30.1	42.0936	-79.237
5/11/2017 8:24	0	0.019	0.0039	17.4	29.9	42.0936	-79.2371
5/11/2017 8:23	0	0	0.0026	17.3	29.6	42.0937	-79.237
5/11/2017 8:22	0	0.023	0.0026	17.3	29.2	42.0937	-79.2369
5/11/2017 8:21	0	0.003	0.0011	17.2	28.9	42.0937	-79.237
5/11/2017 8:20	0	0.001	0.0009	17.2	28.4	42.094	-79.237
5/11/2017 8:19	0	0	0.0008	17.2	28	42.0943	-79.2366
5/11/2017 8:18	0	0.007	0.0008	17.2	27.4	42.0939	-79.2371
5/11/2017 8:17	0	0	0.0003	17.1	26.6	42.094	-79.2372
5/11/2017 8:16	0	0.001	0.0003	17.1	25.7	42.0936	-79.2367
5/11/2017 8:15	0	0	0.0003	16.9	24.9	42.0934	-79.2362
5/11/2017 8:14	0	0	0.0003	17	23.8	42.0934	-79.2363
5/11/2017 8:13	0	0	0.0003	16.9	23	42.0935	-79.2371
5/11/2017 8:12	0	0	0.0003	16.8	22.1	42.0935	-79.2371
5/11/2017 8:11	0	0.004	0.0003	16.8	20.9	42.0936	-79.237
5/11/2017 8:10	0	0	0	16.7	20.7	42.0937	-79.2369
5/11/2017 8:09	0	0	0	16.7	20.7	42.0937	-79.2369
5/11/2017 8:08	0	0	0	16.7	20.6	42.0935	-79.2368
5/11/2017 8:07	0	0	0	16.7	20.6	42.0935	-79.2369
5/11/2017 8:06	0	0	0	16.7	21.2	42.0935	-79.2369
5/11/2017 8:05	0	0	0	16.6	21.7	42.0935	-79.2369
5/11/2017 8:04	0	0	0	16.6	22.4	42.0936	-79.2369
5/11/2017 8:03	0	0	0	16.5	23.1	42.0937	-79.2369
5/11/2017 8:02	0	0	0	16.5	23.7	42.0938	-79.2371
5/11/2017 8:01	0	0	0	16.5	24.5	42.0937	-79.237
5/11/2017 8:00	0	0	0	16.4	25.5	42.0937	-79.2369
5/11/2017 7:59	0	0	0	16.4	26.3	42.0936	-79.2367
5/11/2017 7:58	0	0	0	16.3	27.2	42.0936	-79.2366

Timestamp (GMT-4)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Temperature (℃)	TWA (µg/m³)	Latitude	Longitude
5/11/2017 7:57	0	0	0	16.3	28.1	42.0936	-79.2367
5/11/2017 7:56	0	0	0	16.3	29.5	42.0936	-79.2367
5/11/2017 7:55	0	0	0	16.2	31.1	42.0936	-79.2367
5/11/2017 7:54	0	0	0	16.2	33	42.0936	-79.2368
5/11/2017 7:53	0	0	0	16.2	34.6	42.0935	-79.2368
5/11/2017 7:52	0	0	0	16.1	36.7	42.0935	-79.2367
5/11/2017 7:51	0	0	0	16.1	39.2	42.0935	-79.2366
5/11/2017 7:50	0	0	0	16.1	40.8	42.0936	-79.2366
5/11/2017 7:49	0	0	0	16.1	37.9	42.0936	-79.2365
5/11/2017 7:48	0	0	0	16.1	34.1	42.0936	-79.2364
5/11/2017 7:47	0	0	0				

APPENDIX F

DISPOSAL DOCUMENTS

CHAUTAUQUA COUNTY DEPARTMENT OF PUBLIC FACILITIES
DIVISION OF SOLID WASTE

Vincent W. Horrigan
County Executive

George P. Spanos, P.E.
Director of Public Facilities

May 25, 2017

UPMC Chautauqua WCA
207 Foote Avenue
Jamestown, NY 14701

Attention: Ross Fargo, Maintenance/Construction Manager

Reference: Special Waste Stream – Contaminated Soil
Permit: CC0515.17S1 [One Time Disposal Permit]
Facility: **UPMC Chautauqua WCA,** 15 South Main Street, Jamestown, NY 14701
Expiration Date: 10/31/17

Dear Mr. Fargo:

This department has reviewed your application for disposal of contaminated soil including laboratory analysis. It is our understanding the waste is generated from excavation at the above referenced site. Based upon this information, this waste is acceptable for disposal at our Chautauqua County Landfill (CCLF) up to and including the above referenced date.

A copy of this correspondence must be presented to our scale operator with **EACH LOAD** of material entering our facility. We have enclosed a copy of the executed NYSDEC application for your records. It should be noted that your waste transporter must have an approved hauling permit for transport to this facility. In the event significant changes in information presented on the above referenced application occur, you shall immediately notify this department in writing. Such changes shall include but not be limited to: change in process, change in facility name or address, change in waste composition, and/or change in hauler.

Thank you for choosing our facility for your disposal needs. If you have any questions, please contact me (telephone extension 203).

Sincerely,

T. Tracy Pierce

Tracy Pierce, "TJ"
Solid Waste Analyst

Enclosure

cc: NYSDEC (Ltr, App. Frm); CCLF: Scale & A/R (Ltr); Permit-Generator Files (entire permit)

Office Use Only

Bill to: 208 **Generator:** UPMC Chautauqua WCA **Hauler:** Casella Waste Services [208]

Material: SOIL I **Origin:** Chautauqua County, NY **Site:** 15 South Main Street, Jamestown, NY 14701

I:\Everyone\SHARE\1 EMPLOYEE FLDRS\TJP\WASTE PERMITS\2017PermitsLttrs\Special\Soil\RiverwalkMedicalUPMCChautauqua\CC0515.17S1 UPMCChautauquaRiverwalk Soil.doc

47-19-7 (10/86) - Text 12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

FOR STATE USE ONLY		
SITE NO.	APPLICATION NO.	DATE RECEIVED
07S12	CC0515.17 51	5/25/17
DEPARTMENT ACTION ☒ Approved ☐ Disapproved		DATE 5/25/17

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
Chautauqua County Landfill	Chautauqua	07S12
4. NAME OF OWNER	**5. ADDRESS (Street, City, State, Zip Code)**	**6. TELEPHONE NO.**
Chautauqua County	3889 Towerville Road Jamestown, NY 14701	(716) 985-4785
7. NAME OF OPERATOR	**8. ADDRESS (Street, City, State, Zip Code)**	**9. TELEPHONE NO.**
Dept. of Public Facilities	Same	(716) 985-4785

10. METHOD OF TREATMENT OR DISPOSAL

Sanitary Landfill – D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)	
REHC5, LLC	15 South Main Street, Jamestown, NY. 14701	
13. REPRESENTATIVE OF WASTE GENERATOR	14. MAILING ADDRESS OF REPRESENTATIVE	15. TELEPHONE NO.
Ross Fargo	207 Foote Ave, Jamestown NY 14701	(716) 664-8381

16. DESCRIPTION OF PROCESS PRODUCING WASTE

Renovation of Site involving plumbing lines under floor. at BCP Site C907029

17. EXPECTED ANNUAL WASTE PRODUCTION	18. WASTE HAULED IN
15 Tons/Year ____ Gallons/Year	☐ Drums ☐ Bulk Tank ☒ Roll-Off Container ☐ Other ____

19. WASTE COMPOSITION 19a. Average Percent Solids	19b. PHYSICAL STATE	19c. pH Range
100%	☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas	7.7 to

19. COMPONENTS	CONCENTRATION (Dry Weight) Upper %	Lower %	Typical %	UNIT (Check One) Wt.%	PPM
1) Soil/Fill and concrete/debris	100	100	100	☐	☐
2)				☐	☐
3)				☐	☐
4)				☐	☐

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS A TCLP TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
☒ Yes ☐ No	☒ Yes ☐ No If "Yes", attach results	☐ Hazardous ☒ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions.

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?

Chautauqua County Landfill, Jamestown, N.Y.

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT NO.	28. TELEPHONE NO.
Casella Waste	2142 Lockstroln, Jamestown NY. 14701	9A-488	(716) 467-5726

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR	DATE
X Facilities Director	5-24-17
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY	DATE
X T. Jay Pierce/Solid Waste Analyst	5/25/17

GENERATOR WASTE CHARACTERIZATION REPORT

GENERATOR INFORMATION:

Generator Name: RECH5, LLC

Generating Facility Address: 15 South Main Street, Jamestown N.Y. 14701

Technical Contact: John Warren Phone (716) 679-8654

INVOICING INFORMATION:

Contracting Firm: UPMC Chaut. WCA

Billing Address: 207 Foote ave. Jamestown NY 14701

Contact: Ross e Fargo

e-mail: ross.fargo@wcahospital.org Phone (716) 664-2381

Does contracting firm have an existing account with the CCLF? ☐ YES ☒ NO

TRANSPORTER INFORMATION:

Hauler Name: Casella Waste NYSDEC Permit No. 9A-488

Contact Person: Cheryl Akins / Renee Timmerman Phone (716) 467-5926

Is CCLF listed on hauler's Part 364 Permit? ☒ YES ☐ NO (if no, submit a Part 364 Permit modification)

WASTE INFORMATION:

1. *Does waste contain: a) less than 20% solids? ☐ Yes; ☒ No; b) any free liquid? ☐ Yes ☒ No
2. *Is Flash Point of waste less than 140° F? ☐ Yes ☒ No ☐ Not Applicable
3. *Corrosivity: Is pH of waste less than/equal to 2.0 or equal to/greater than 12.5 SU? ☐ Yes ☒ No ☐ Not Applicable
4. *Reactivity: Is waste Reactive? ☐ Yes ☒ No ☐ Not Applicable
5. *Is PCB concentration in waste equal to/greater than 30 mg/Kg? ☐ Yes ☐ No ☒ Not Applicable
6. *Is this a Listed Hazardous Waste as defined by USEPA Guidelines and 6NYCRR Part 371? ☐ Yes ☒ No

***If Any Of The Above Questions Is Answered Yes, Then The WASTE IS NOT ACCEPTABLE For Disposal At CCLF.**

7. Indicate the waste category: ☐ Industrial ☒ Special [i.e. (Soil) ACM; Contaminated C&D; Other Contaminated Debris]
8. Indicate the type(s) of contaminant(s) that is (are) present in the waste referenced above (VP=Virgin Petroleum).

   ☐ VP (Type): _____ ☐ ACM ☐ Non-VP/Mixture _____

   ☐ Other (please specify): _____
9. Aside from that listed in Item 8. above, is waste free of other known contaminants and/or residues: ☒ Yes ☐ No
10. What degree of odor does the waste exhibit? ☐ Strong ☐ Moderate ☐ Slight ☒ None

GENERATOR WASTE CHARACTERIZATION REPORT

11. Describe the incident or type of process and the location where this waste is/was generated [include contaminant(s)]:

Soil/Fill and concrete/debris from interior renovation at BCP Site C907029

12. Describe the physical characteristics of the waste (texture; size uniformity)? Soil/urban fill (FILL)

TCLP TESTING

METALS: (Applicable) // Not Applicable

ANALYTE	NON-HAZARDOUS LIMIT (mg/L)	CONCENTRATION (mg/L)
Arsenic	5.0	< 0.02
Barium	100.0	0.82
Cadmium	1.0	< 0.01
Chromium	5.0	< 0.02
Lead	5.0	0.03
Mercury	0.2	< 0.0003
Selenium	1.0	< 0.04
Silver	5.0	< 0.03

HERBICIDES/PESTICIDES: Applicable // (Not Applicable)

COMPOUND	NON-HAZARDOUS LIMIT (mg/l)	CONCENTRATION (mg/L)
2,4-D	10.0	
2,4,5-TP (Silvex)	1.0	
Endrin	0.02	
Lindane	0.4	
Methoxychlor	10.0	
Toxaphene	0.5	
Chlordane	0.03	
Heptachlor	0.008	

ACID EXTRACTABLES: Applicable // (Not Applicable)

COMPOUND	NON-HAZARDOUS LIMIT (mg/l)	CONCENTRATION (mg/L)
O-Creosol	200.0	
M-Creosol	200.0	
P-Creosol	200.0	
Pentachlorophenol	100.0	
2,4,5-Trichlorophenol	400.0	
2,4,6-Trichlorophenol	2.0	

BASE/NEUTRAL EXTRACTABLES (Applicable) // Not Applicable

COMPOUND	NON-HAZARDOUS LIMIT (mg/l)	CONCENTRATION (mg/L)
1,4-Dichlorbenzene	7.5	NA
2,4-Dinitrotoulene	0.13	< 0.0042
Hexachlorobenzene	0.13	< 0.0029
Hexachlorobutadiene	0.5	< 0.00360
Hexachloroetane	3	< 0.0034
Nitrobenzene	2	< 0.0038
Pyridine	5	< 0.0094

VOLATILE ORGANICS: (Applicable) // Not Applicable

COMPOUND	NON-HAZARDOUS LIMIT (mg/l)	CONCENTRATION (mg/L)
1,1-Dichloroethylene	0.7	< 0.0017
Methyl ethyl ketone	200.0	< 0.019
Tetrachloroethylene	0.7	< 0.0018
Vinyl chloride	0.2	< 0.00071
Benzene	0.5	< 0.0016
Carbon tetrachloride	0.5	< 0.0013
Chlorobenzene	100.0	< 0.0018
Chloroform	6.0	< 0.0016
Trichloroethylene	0.5	< 0.0018
1,2-Dichloroethane	0.5	< 0.0013

Other Analytical Testing:

Please see the attached Analytical data.

GENERATOR WASTE CHARACTERIZATION REPORT

WASTE DISPOSAL TERMS AND CONDITIONS

1. The Generator warrants that the information provided herein, including all attachments, is complete, factual and an accurate representation of the known or suspected hazards detailed herein.

2. The Generator shall indemnify, defend and hold harmless CCLF against any and all liabilities arising from the Generator's breach of any warranty hereunder, negligence or willful misconduct in connection with this matter.

3. No waste will be accepted at CCLF without pre-approval to transport and dispose said waste at CCLF.

4. The Generator warrants that the permitted material being disposed of at CCLF is comprised of material exclusively from the incident/process and site attested to in said permit (or sub-permit). It is the Generator's responsibility to characterize its waste and demonstrate that it is classified as non-hazardous solid waste, as defined by Title 6 of the New York Codes, Rules and Regulations Part 371.

5. CCLF reserves the right to reject/delay the disposal of any material based on its physical/olfactory characteristics that are observed upon arrival at CCLF. If it is subsequently determined that said waste is NOT acceptable for disposal at CCLF, the Generator, at his expense, agrees to remove the waste from CCLF premises immediately and properly dispose of the waste at an appropriate facility.

GENERATOR ACKNOWLEDGEMENT AND CERTIFICATION

The Generator acknowledges that it has read, understood and agrees to the above referenced terms and conditions. The signatory below warrants that he/she is authorized to sign on behalf of the Generator.

PRINTED NAME: John Warren

SIGNATURE: _____

TITLE: Facilities Director

COMPANY: RFHC-5, LLC

DATE: 5/24/17

Mailing Address: Chautauqua County Landfill
3889 Towerville Road
Jamestown, NY 14701
Fax # (716) 985-4785
E-mail Address: landfill@co.chautauqua.ny.us

ALPHA ANALYTICAL

ANALYTICAL REPORT

Lab Number:	L1715476
Client:	Turnkey Environmental Restoration, LLC 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	FORMER AMES/HILLS PLAZA SITE
Project Number:	0422-017-001
Report Date:	05/15/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FORMER AMES/HILLS PLAZA SITE
Project Number: 0422-017-001

Lab Number: L1715476
Report Date: 05/15/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1715476-01	WC-1	SOIL	JAMESTOWN, NY	05/11/17 13:50	05/11/17

Project Name: FORMER AMES/HILLS PLAZA SITE
Lab Number: L1715476
Project Number: 0422-017-001
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/13/17 15:32
Analyst: MM
Percent Solids: 90%
TCLP/SPLP Ext. Date: 05/12/17 09:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	1.6	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	103		70-130
dibromofluoromethane	83		70-130

Project Name: FORMER AMES/HILLS PLAZA SITE
Lab Number: L1715476
Project Number: 0422-017-001
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 05/14/17 22:54
Analyst: SZ
Percent Solids: 90%
TCLP/SPLP Ext. Date: 05/12/17 05:52

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 05/13/17 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		33-120

Project Name: FORMER AMES/HILLS PLAZA SITE
Lab Number: L1715476
Project Number: 0422-017-001
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY
Matrix: Soil
Percent Solids: 90%

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 05/12/17 05:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Barium, TCLP	0.82		mg/l	0.50	0.02	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Chromium, TCLP	ND		mg/l	0.20	0.02	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Lead, TCLP	0.03	J	mg/l	0.50	0.03	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	05/13/17 11:40	05/13/17 16:52	EPA 7470A	1,7470A	BV
Selenium, TCLP	ND		mg/l	0.50	0.04	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM
Silver, TCLP	ND		mg/l	0.10	0.03	1	05/13/17 11:17	05/13/17 13:04	EPA 3015	1,6010C	AM

Project Name: FORMER AMES/HILLS PLAZA SITE
Project Number: 0422-017-001
Lab Number: L1715476
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY
Matrix: Soil
Percent Solids: 90%

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10		mg/kg	0.42	0.09	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Barium, Total	70		mg/kg	0.42	0.07	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Cadmium, Total	0.27	J	mg/kg	0.42	0.04	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Chromium, Total	10		mg/kg	0.42	0.04	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Lead, Total	12		mg/kg	2.1	0.11	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	05/12/17 09:05	05/13/17 14:18	EPA 7471B	1,7471B	MG
Selenium, Total	0.12	J	mg/kg	0.84	0.11	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.42	0.12	1	05/12/17 09:50	05/12/17 14:33	EPA 3050B	1,6010C	PS

Project Name: FORMER AMES/HILLS PLAZA SITE
Project Number: 0422-017-001
Lab Number: L1715476
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY
Matrix: Soil

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Dry Clay
Particle Size:	Fine
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/12/17 17:53	1,1030	JC

Project Name: FORMER AMES/HILLS PLAZA SITE
Project Number: 0422-017-001

Lab Number: L1715476
Report Date: 05/15/17

SAMPLE RESULTS

Lab ID: L1715476-01
Client ID: WC-1
Sample Location: JAMESTOWN, NY
Matrix: Soil

Date Collected: 05/11/17 13:50
Date Received: 05/11/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	05/12/17 07:16	121,2540G	RI
pH (H)	7.7		SU	-	NA	1	-	05/12/17 05:52	1,9045D	KA
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/12/17 18:15	05/12/17 20:41	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/12/17 18:15	05/12/17 20:33	1,7.3	TL

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 5/12/17

ALPHA Job #: L1715476

Project Information

Project Name: Former Ames / Hills Plaza Site
Project Location: Jamestown, N.Y.
Project #: 0422-017-001
(Use Project name as Project #) ☐
Project Manager: Candice Fox
ALPHAQuote #:

Client Information

Client: Turnkey Environmental
Address: 2558 Hamburg Tnpk
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: Dmunley@turnkeyllc.com

Turn-Around Time

Standard ☐
Rush (only if pre approved) ☒
Due Date:
# of Days: 2

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	TCLP Metals	TCLP VOCs	TCLP SVOCs	Ignitability	pH	Reactivity		Sample Specific Comments	Total Bottles
	WC-1	5-11-17	13:50	Soil	CCB	X	X	X	X	X	X	X			4

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A							
Preservative	A							

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	5-11-17 / 15:41	Eric Smith AAL	5-11-17 17:00
Eric Smith AAL	5-11-17 17:00	[signature]	5/12/17 01:[illegible]

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

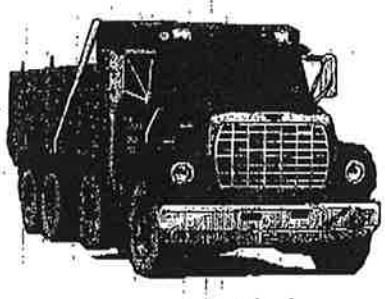
Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX G

BACKFILL DOCUMENTS

4478 West Fairmount Ave.
Lakewood, New York 14750
Phone #(716)763-9797
Fax # (716)763-6329

Tri-James Services, Inc.



Fax

To: Scott **From:** Courtney

Fax: 569-6211 **Pages** 3

Phone **Date:** 5/4/17

Re: #1 stone **CC:**

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

Western New York Office
5167 South Park Avenue
Hamburg, NY 14075
Phone: (716) 649-8110
Fax: (716) 649-8051

Laboratory Test Report

PROJECT: **Material Testing: Tri-James Services**

CLIENT: **Tri-James Services**

DATE: **May 6, 2016**

PROJECT NO.: BT-1002
REPORT NO.: LTR-134

SAMPLE INFORMATION:
Sample No. 16-350 was collected by the Client, and received at SJB Services Inc. on April 8, 2016. Sample is described as NYSDOT Size #1 Stone from the Tri-James Services Frewsburg plant. The results of this report relate only to the items inspected or tested. The report shall not be reproduced, expect in full, without the written approval of SJB Services.

ASTM C-136: Sieve Analysis of Fine and Coarse Aggregates

Sieve Size	*Percent Passing*
1"'	100.0
¾"	100.0
½"	88.4
⅜"	51.0
¼"	7.6
#4	3.2
#200	0.4

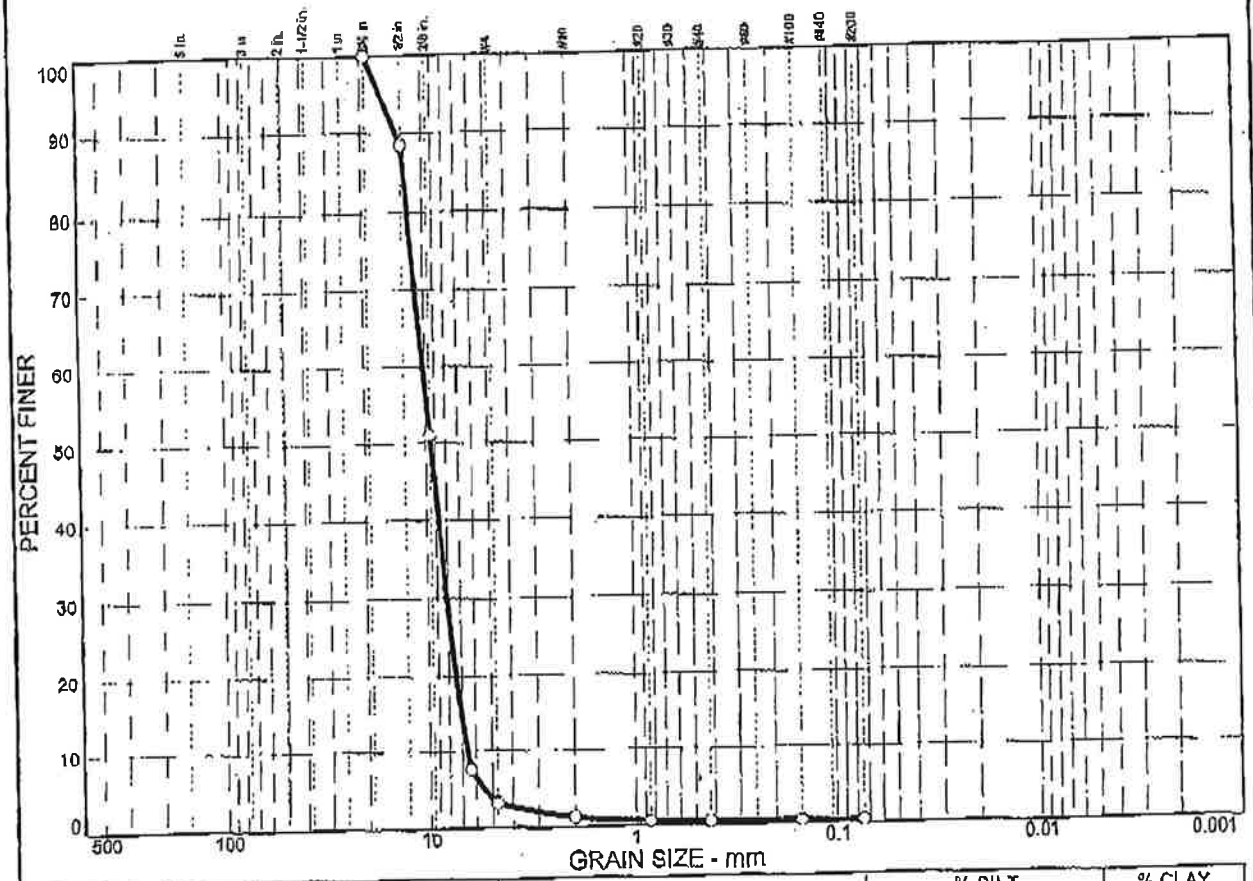
NYSDOT TM-207-B: Soundness of Coarse Aggregates by Magnesium Sulfate Solution

	SPECIFICATION NYSDOT 605-2.02 UNDER DRAIN FILTERS TYPE I & II
Loss after 4 cycles of Magnesium Sulfate = 6.5 %	0 – 20. %

SJB Services, Inc.

Paul Gregorczyk
Laboratory Manager

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	96.8	2.8	0.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75 in.	100.0		
.5 in.	88.4		
.375 in.	51.0		
.25 in.	7.6		
#4	3.2		
#10	1.2		
#20	0.6		
#40	0.5		
#100	0.4		
#200	0.4		

* (no specification provided)

Soil Description

NYSDOT SIZE #1 STONE

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 12.4 D_{60}= 10.2 D_{50}= 9.45
D_{30}= 8.09 D_{15}= 7.03 D_{10}= 6.60
C_u= 1.54 C_c= 0.97

Classification

USCS= AASHTO=

Remarks

LTR-134
SAMPLED BY: CLIENT
DATE RECEIVED: 4-8-16

Sample No.: 16-350 **Source of Sample:** FREWSBURG PLANT **Date:** 5-6-16
Location: FREWSBURG PLANT **Elev./Depth:**

SJB SERVICES, INC.

Client: TRI-JAMES SERVICES
Project: MATERIAL TESTING: TRI-JAMES SERVICES
Project No: BT-1002 **Plate**

TRI-JAMES SERVICES, INC.

4478 W. FAIRMOUNT AVENUE
LAKEWOOD, NY 14750
763-9797 763-5212

13357

FAX NUMBER
763-6329

FREWSBURG PIT

PURCHASE ORDER NO. DATE 20

CHG.TO: C-R. Const

ADDRESS

DELIVERED BY	PICKED UP BY	DRIVER

MASON SAND	☐	OVERSIZE	☐
WASHED SAND	☐	#1 STONE	☒
PROCESSED GRAVEL	☐	#2 STONE	☐
BANK GRAVEL	☐	#3 STONE	☐
TOPSOIL	☐		☐

10:01 AM 05/12/17 10280 LB TARE

10:05 AM 05/12/17 19740 LB GROSS

NET

TAX

CHARGE ☐ CASH ☐ TOTAL

REC'D BY