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11 March 2015
File No. 33123-030

New York State Department of Environmental Conservation
Region 8, Division of Hazardous Waste Remediation
6274 East Avon-Lima Road
Avon, New York 14414

Attention: Timothy Schneider, P.E.

Subject: 2014 Site Management Periodic Review Report & IC/EC Certification Submittal
Tioga Avenue BCP Site #C851031
Corning, New York

Dear Mr. Schneider:

On behalf of Corning Incorporated and Corning Property Management Corporation (collectively referred to herein as Corning), Haley & Aldrich of New York (Haley & Aldrich), as the Qualified Environmental Professional, is providing the attached Site Management Periodic Review Report and Annual Institutional and Engineering Controls Certification (2014 PRR) in accordance with the New York Department of Environmental Conservation (NYSDEC) Certificate of Completion dated April 18, 2012 and the Site Management Plan as revised and approved by NYSDEC on April 3, 2012. The NYSDEC Site Management Periodic Review Report Notice, Institutional and Engineering Controls Certification Form is included in this report under Appendix A.

The 2014 PRR is the Periodic Review filing for the referenced Tioga Avenue BCP Site (the Site) covering the time period indicated on the PRR Form. The Site was redeveloped and transformed from idle former industrial property to a passive park called the Fall Brook Park. The Fall Brook Park opened on October 18, 2013 for use by the community. The redevelopment activities were performed in accordance with the Site Management Plan and associated NYSDEC Notifications and were documented in the 2013 PRR. Only minor maintenance activities were performed during this reporting period as documented in the 2014 PRR Summary Report.

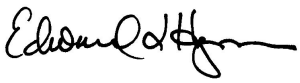
The 2014 PRR incorporates the Corrective Measures Plan (CMP) for Tioga Avenue BCP Site dated December 5, 2013 that was submitted with the 2013 PRR for management of stormwater originating from the World Kitchen LLC industrial property adjacent to the BCP Site. NYSDEC provided comments on the December 2013 PRR to Corning in correspondence dated October 16, 2014. Corning subsequently contacted NYSDEC on November 12, 2014, and requested a meeting to discuss the NYSDEC comments and is awaiting response.

Corning remains committed to performing the actions identified in the CMP just as soon as WK submits an approvable written plan to the Department for its industrial stormwater. Since submittal of the CMP

Corning has endeavored to resolve outstanding issues at the BCP Site and has proactively responded to requests that have been made by the Department relative to the Site. Corning submitted a plan to the Department on July 30, 2014 for an alternative cover system involving use of a low permeable grass cover system with BMPs as a possible solution for management of industrial stormwater from adjacent operations onto the BCP Site. In late summer and fall of last year, Corning permanently closed and decommissioned 3 outfall structures in accordance with the Article 16 permit that was requested by the Division of Water. On September 23, 2014 Corning requested approval to complete closure of the drywells on the Site and will implement the associated June 2013 Work Plan when a notice to proceed is provided by the Department. Corning also stands ready to implement the October 2013 Work Plan for closure of the other industrial structures that have been identified in the same area of the BCP Site once approval is provided by the Department.

Corning is eager to implement the CMP as soon as it is approved by the Department so that the Site redevelopment project can be concluded and full certification of ICs and ECs can be provided in 2015. Please contact us if you have any questions or require additional information.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



James E. Siegfried, P.E.
Senior Project Manager

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Enclosures

Cc: w/enclosures
Bart Putzig, NYSDEC
Mike Ford, Corning Incorporated

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Tioga Avenue Site

STEUBEN COUNTY, NEW YORK

Periodic Review Summary Report

NYSDEC BCP Site Number: C851031

Prepared for:
Corning Incorporated
And
Corning Property Management Corporation
Riverfront Plaza
Corning, New York 14831

Prepared by:
Haley & Aldrich of New York
200 Town Centre Drive, Suite 2, Rochester, NY 14623
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March 2015

Periodic Review Summary Report
Tioga Avenue BCP Site No: C851031
Corning, New York

Periodic Review Summary Report
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LIST OF ABBREVIATIONS AND ACRONYMS USED IN THIS REPORT

Abbreviation or Acronym	Definition
AAR	Alternatives Analysis Report
BCP	Brownfield Cleanup Program
COC	Contaminant of Concern
Corning	Corning Incorporated and Corning Property Management Corporation, collectively or individually
DER-10	NYSDEC DER-10 Technical Guidance For Site Investigation And Remediation, May 2010
EC	Engineering Control
EE	Environmental Easement
EWP	Excavation Work Plan, specifically "Excavation Work Plan - Appendix C of Site Management Plan, Tioga Avenue Site, NYSDEC BCP Site Number: C851031," revised and approved 3 April 2012.
Haley & Aldrich	Haley & Aldrich of New York
IC	Institutional Control
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
Part 375	Title 6 of New York Codes, Rules and Regulations, Part 375
RI	Remedial Investigation
RIR	Remedial Investigation Report, specifically, "Report on Remedial Investigations & Recommended Remedial Actions, Tioga Avenue Property BCP Site #C85103, Corning, New York," 30 April 2010.
SCO	Soil Cleanup Objective, per 6 NYCRR Part 375-6
SMP	Site Management Plan, specifically "Site Management Plan, Tioga Avenue Site, NYSDEC BCP Site Number: C851031," revised and approved 3 April 2012.
WK	World Kitchen, LLC

I. Executive Summary

This Periodic Review Summary Report is organized to match the "Periodic Review Report (PRR) General Guidance," which appears as Enclosure 3 of the NYSDEC letter to Corning Property Management Corporation dated 26 January 2015. Section headings appear as *italics* within this report. Site information responding to each heading appears as standard text. Repetition of information is generally avoided through use of references to other report sections where the information was presented.

A. *Provide a brief summary of site, nature and extent of contamination, and remedial history.*

The 14.18 acre Tioga Avenue Brownfield Site is located at the northwest corner of Tioga Avenue and Steuben Street in Corning, NY, as shown on Figure 1. The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index # B8-0767-08-01, Site # C851031, which was executed between Corning Property Management Corporation and Corning Incorporated (collectively Corning) and New York State Department of Environmental Conservation (NYSDEC) on 22 August 2008. The NYSDEC Brownfield Cleanup Program Certificate of Completion for this Site was issued on 18 April 2012. Corning redeveloped the BCP Site in 2012 and 2013 to repurpose it from vacant industrial property to a passive community park with green space, concrete walks, and associated amenities (the Redevelopment Project). The Redevelopment Project was conducted under the BCP based on NYSDEC-approved work plans and reports for the investigation and remediation of the Site contaminants including providing for public notice and comment in accordance with community participation requirements. This process is described in Section II of this report which includes a chronology of the main features of the BCP program in Section II B.1.

B. *Effectiveness of the Remedial Program - Provide overall conclusions regarding;*

1. *Progress made during the reporting period toward meeting the remedial objectives for the site*

Remedial objectives for a Track IV remedy have been achieved for this Site and a Certificate of Completion was issued by the New York State Department of Environmental Conservation, dated 18 April 2012.

2. *The ultimate ability of the remedial program to achieve the remedial objectives for the site.*

Refer to Section I.B.1, above, of this report.

C. *Compliance*

1. *Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).*

As of the date of this report, all Institutional and Engineering Controls for the Site are in place and effective, with the exception noted in Section I.C.2, below.

2. *Propose steps to be taken and a schedule to correct any areas of non-compliance.*

As of the date of this report, the Redevelopment Project work was complete, except in the northeast corner of the Site (see Figure 1). The total unfinished area, which is still under construction, amounts to approximately 13,000 square feet (0.3 acres) of the 14.18 acre Site. A complete discussion of the plans to complete construction of site improvements in the aforementioned area is presented in the "Corrective Measures Plan - Tioga Avenue BCP Site #C851031 - Corning, New York," December 2013 that was submitted to the Department with the 2013 PRR Report on 5 December 2013 and is under review by NYSDEC. NYSDEC provided comments on the PRR to Corning in correspondence dated 16 October 2014. Corning has subsequently contacted NYSDEC on November 12, 2014 and requested a meeting to discuss the comments and is awaiting a response.

Also, Corning submitted to the Department a proposed work plan dated 24 October 2013 (date submitted) to address a former outfall designated Outfall 01A, and certain other historical industrial structures and identified drywells. Corning is awaiting the Department's comments or approval of this work plan, and will implement that work following receipt of approval.

Additionally, Corning is coordinating with David Mager, NYSDEC Region 8 Real Property Supervisor, on placement of an Easement on Corning property to New York State adjacent to the BCP site for access to the Chemung River Flood Control Levee. The easement has been drafted and monuments will be set in spring 2015. Once checked by NYSDEC the easement map will be finalized.

D. *Recommendations*

1. *recommend whether any changes to the SMP are needed*

As indicated in Section II.B.3 of this report, Corning plans to revise the SMP to incorporate the changes at the Site which were made during the Redevelopment Project. During that project, Corning repurposed this former Fall Brook Plant Site from vacant industrial property to a passive park for public use. The Redevelopment Project is described in detail in the "Construction

Documentation Report - Tioga Avenue Park Redevelopment - BCP Site #C851031 - Corning, New York," December 2013.

2. *recommend any changes to the frequency for submittal of PRRs (increase, decrease)*

No change in frequency of the PRR submittals is recommended.

3. *recommend whether the requirements for discontinuing site management have been met.*

Requirements for discontinuing site management have not been met.

II. Site Overview

A. *Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.*

1. Site Description

The Site comprises 14.18 acres of property located within the City of Corning, Steuben County, New York being generally situated along the north side of East Tioga Avenue between Steuben Street to the east and Chemung Street to the west. The northern Site boundary is formed by railroad and flood control levee easements that isolate the Site from the Chemung River. A site plan, showing the BCP Site boundary is provided in Figure 1.

The Site is situated within an area of mixed residential, commercial and industrial development. The Site is contiguous (northeastern property boundary) with property owned by World Kitchen (WK) which is not affiliated with Corning Incorporated. The WK facility is an active manufacturing operation producing consumer glassware products and uses/occupies portions of the BCP Site for its ongoing operations.

Refer to Section II.B, below for a description of the current use and surface features of the Site.

2. Nature and Extent of Contamination

The SMP describes the nature and extent of contamination prior to remediation with respect to historic fill, alluvial soil, groundwater and surface water, summarized as follows:

Historic Fill –Historic fill on the Site contains Contaminants of Concern (COCs) above applicable Soil Cleanup Objectives (SCOs) for this Site consisting of arsenic and lead within historic fill. The Site remedy requires that a cover system be maintained Site-wide to prevent human or environmental exposure to contaminants that may be present above the applicable Restricted Commercial land use SCOs for arsenic and lead.

Alluvial Soil - Undisturbed native soil beneath the historic fill is comprised of poorly-graded to well-graded sand with varying amounts of gravel and a relatively low percentage of silt. Analysis of this media did not identify the presence of contaminants, except possibly in the former petroleum storage areas where aesthetic petroleum conditions could be present. The SMP provides additional information regarding these conditions.

Groundwater - Groundwater on the Site is present at approximate depths ranging from 17 to 25 feet below ground surface and is situated below the historic fill on the Site. Groundwater is not adversely affected (i.e. as compared to NYSDEC screening criteria) by the presence of historical fill; however, degraded petroleum residuals have been observed/detected in shallow groundwater in limited areas. The SMP provides additional information regarding these conditions. The SMP

also identifies the Institutional Controls required to address these conditions; essentially that future potable use of groundwater at the Site is not permitted without treatment.

Surface Water – There are no surface waters on the Site. There are no industrial activities or any industrial stormwater associated with the Site. Industrial stormwater enters the BCP Site from the adjacent WK property. Stormwater at the Site is managed by a series of catch basins and interconnected underground conveyance piping leading to the City of Corning stormwater system.

Soil Vapor – Soil vapor was not sampled during the Remedial Investigation (RI) program as it was not deemed to be necessary at that time. Future assessment of the potential for soil vapor intrusion into buildings will be required within any area proposed for construction of an enclosed occupied structure as described in the SMP.

B. *Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.*

1. Chronology of the Main Features of Remedial Program

The Site property is currently owned by Corning Property Management Corporation, a wholly owned subsidiary of Corning Incorporated, and was used (1929-2007) for glass manufacturing and related support operations that were collectively referred to as the "Fall Brook" plant. Manufacturing operations of the Fall Brook plant were discontinued in 2002, and demolition of the buildings and facilities was completed in 2007.

The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index#, B8-0767-08-01, Site # C851031, which was executed between Corning and NYSDEC on August 22, 2008. To complete the Track 4 Site remedy, site cover needed to be upgraded on less than four percent of the Site. A Change of Use Notification was submitted to NYSDEC in 2011 to perform the needed cover upgrades. The work was completed in late 2011 and, in early 2012, the Final Engineering Report (FER) was completed documenting the work and that the necessary Site engineering controls were in place and effective. Following the FER, the SMP was completed, the Environmental Easement was filed, and the Certificate of Completion was issued, all in 2012.

Refer to Section VIII for the list of documents associated with the key milestones of the work completed under the BCA, including:

- Remedial Investigation Work Plan (RIWP), 2009.
- NYSDEC Fact Sheet Announcing Work Plan Availability for Public Comment, June 2009
- Remedial Investigation Report (RIR), 2010.
- NYSDEC Fact Sheet Approving the RIR and Remedial Recommendations, and Finding of No Significant Threat, February 2011.
- Alternatives Assessment Report (AAR), 2011.

- NYSDEC Fact Sheet Announcing Remedy Proposal for Brownfield Site Contaminants for Public Comment, December 2011.
- Change of Use (COU) - Implemented to complete the site cover engineering controls, 2011.
- Final Engineering Report (FER) - documented the COU and site cover engineering controls, 2012.
- Site Management Plan (SMP), 2012.
- Environmental Easement (EE) and Certificate of Completion (COC), 2012.
- NYSDEC Fact Sheet Announcing that NYSDEC Certifies Cleanup Requirements Achieved at the Tioga Avenue BCP Site, April 2012.
- Periodic Review Summary Report, Tioga Avenue BCP Site No: C851031, December 2013
- Construction Documentation Report, Tioga Avenue Park Redevelopment, BCP Site # C851031, December 2013

2. Components of the Site Remedy, Cleanup Goals, and Closure Criteria,

The completed Track 4 Site remedy, as described in the SMP, consists of the following elements:

- Site-wide cover systems approved by NYSDEC to eliminate potential for direct contact with contaminants remaining on the Site: these are engineering controls.
- A specifically identified portion of the Site contains a low permeability ground cover system, or other remedy as approved by the NYSDEC, to reduce infiltration of surface/stormwater through historic fill per Figure 9 of the SMP, this is an engineering control.
- Institutional Controls in the form of an Environmental Easement limiting Site use to only future commercial or industrial use and prohibiting any future potable use of groundwater from the Site.
- Development and implementation of a Site Management Plan describing actions needed to maintain the cover systems over time or to be taken in the event the cover systems are ever removed as part of future development or other activity.
- Recording the Environmental Easement at the office of the Steuben County Clerk.

The foregoing elements of the remedy are all presented in detail in the SMP.

3. Significant Changes to the Selected Remedy Since Remedy Selection.

The remedy has not changed since it was selected; however significant changes to the site cover systems were implemented during 2012 and 2013 and documented in the initial PRR Report for this Site submitted to NYSDEC on 5 December 2013. Corning redeveloped the former Fall Brook Plant Site during that period to repurpose it from vacant industrial property to a passive park with green space, concrete walks, and associated amenities (the Redevelopment Project) as is allowable under the commercial use Institutional Controls applicable to the Site pursuant to 6 NYCRR 375-1.8(g)(2)(iii) and as was approved by the NYSDEC. Most of the pre-project Site

cover was replaced during the Redevelopment Project; the current Site cover types are shown on Figures 1 and 2.

The Redevelopment Project is described extensively in the "Construction Documentation Report - Tioga Avenue Park Redevelopment - BCP Site #C851031 - Corning, New York," December 2013.

For additional information applicable to this Section II - Site Overview, refer to the "Site Management Plan - Tioga Avenue BCP Site Number: C851031" 29 March 2012, and to the "Construction Documentation Report - Tioga Avenue Park Redevelopment - BCP Site #C851031 - Corning, New York," December 2013.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

A. *Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.*

There are no mechanical systems which are part of the Site remedy. The remedy incorporates cover systems as the sole type of engineering controls on the Site as shown on Figure 1. The cover systems on Site satisfy the requirements of Part 375-3.8(e)(4), Part 375-6.7(d) and the SMP. The 2014 SMP Annual Site Inspection Form is attached to this report. As of the date of this report, the Redevelopment Project work related to BCP Site Engineering Controls was complete, except in a small portion of the northeast corner of the Site, which is still under construction. The total unfinished area amounts to approximately 13,000 square feet (0.3 acres) of the 14.18 acre Site. The Site remedy is effective, as summarized in Table I, below.

The plan to complete construction of Site improvements in the aforementioned area is presented in the "Corrective Measures Plan - Tioga Avenue BCP Site #C851031 - Corning, New York," December 2013; prepared in response to the Site PRR Notice Institutional and Engineering Controls Form, Box 2. The work remaining in this area includes closing drainage structures, constructing storm drainage system improvements, and replacing the cover system in this area. The work is anticipated to be completed during the construction season of 2015.

Table I. Remedy Effectiveness

Remedy Element	Effectiveness
Engineering Control - Site cover systems	In place and effective.
Engineering Control – Site cover systems in designated 'low permeability cover system' areas	In place and effective, except for a small area of the Site, as described in the preceding text..
Institutional Controls – Site use restricted to commercial and industrial uses and no use of groundwater without treatment.	In place and effective.
Site Management Plan	The SMP is in place and effective. The SMP is to be revised in 2015, after the completion of the Redevelopment Project construction, to reflect the new post-project Site conditions.
Environmental Easement	In place and effective.

IV. IC/EC Plan Compliance Report

A. *IC/EC Requirements and Compliance*

1. *Describe each control, its objective, and how performance of the control is evaluated.*

The Site IC/ECs are identified on the attached Site Management Form. That form, provided by NYSDEC on 1/26/2015, lists six Institutional Controls and one Engineering Control for the Site, which are presented in Table II below. Detailed descriptions of the controls are presented in Section 2.3 of the SMP; a summary is given in Table II.

Table II. Institutional and Engineering Controls

INSTITUTIONAL CONTROLS	DESCRIPTION	OBJECTIVE	EVALUATION OF PERFORMANCE
Ground Water Use Restriction	Potable use of groundwater without treatment is prohibited.	Preclude contact with groundwater potentially containing residual contaminants.	Confirm that groundwater is not used for potable purposes.
Institutional Control / Engineering Control Plan	The Institutional and Engineering controls for the Site are listed within this table, and are presented in Section 2.3 of the SMP.	ICs and ECs are followed so that the Site is managed according to Part 375, DER-10 and the SMP.	ICs: Confirm that the Environmental Easement remains in force. ECs: Confirm that cover systems are in place per the SMP.
Land Use Restriction	The Site is restricted to industrial or commercial uses, as defined in Part 375 and presented in DER-10.	Site use is restricted so that the Site is used according to Part 375, DER-10 and the SMP.	Confirm that Site use is consistent with commercial or industrial uses according to Part 375, DER-10, and the SMP.
Operations & Maintenance Plan	The O&M Plan is presented in Section 4.0 of the SMP. The Site remedy does not rely on any mechanical systems; therefore, O&M of such components is not relevant.	Maintain the Site Engineering Control (cover systems) to preclude contact with Site soil potentially containing residual contaminants.	Confirm that cover systems are in place per the SMP.
Site Management Plan	The SMP is integral to the Environmental Easement placed on the Site.	The SMP prescribes measures to be followed so long as the Environmental Easement is in effect, so that the Site is managed according to Part 375, DER-10 and the SMP.	Monitor the site, prepare, and submit a Periodic Review Report with certification that the Site remedy continues to be protective of public health and the environment.
Soil Management Plan	This is called the "Excavation Work Plan (EWP)," and appears as Appendix C of the SMP. It describes procedures for performing intrusive Site earthwork using methods	Minimize risks to health, safety, and the environment during intrusive activities at the Site.	Monitor the work, prepare, and submit a Periodic Review Report with certification that the work was performed in accordance with the SMP

	protective of human health and the environment.		and EWP.
ENGINEERING CONTROL			
Cover Systems	The entire Site requires some type of cover including, but not limited to concrete, asphalt, clean soil, and buildings, as presented in the SMP.	Preclude contact with Site soil potentially containing residual contaminants.	Monitor the Site, prepare, and submit a Periodic Review Report with certification that the Site remedy continues to be protective of public health and the environment

2. *Summarize the status of each control (whether it is fully in place and its effectiveness).*

The six Institutional Controls are in place and effective. The Engineering Controls (site cover systems) are in place and effective, except in a small portion of the Site, as described in Section III of this report.

3. *Corrective Measures: describe steps proposed to address any deficiencies in ICECs.*

As indicated in Section III of this report, a complete discussion of the plans to complete construction of Site improvements in the northeast corner of the Site is presented in the "Corrective Measures Plan - Tioga Avenue BCP Site #C851031 - Corning, New York," December 2013 in response to the Site PRR Notice Institutional and Engineering Controls Form, Box 2.

4. *Conclusions and recommendations for changes.*

See Sections IV.A.2 and IV.A.3 of this report. As indicated in Section II.B.3 of this report, Corning plans to revise the SMP to incorporate the changes at the Site which were made during the Redevelopment Project.

B. IC/EC Certification

1. *The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).*

Refer to the completed PRR form.

V. Monitoring Plan Compliance Report

A. *Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.*

The environmental media monitoring program is presented in Section 3.3 of the SMP. There is no ongoing monitoring of air, surface water, groundwater, or soil. Environmental monitoring only is needed during intrusive work at the Site per the Site Management Plan.

B. *Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.*

Import soil sampling was completed on approximately 500 cubic yards of topsoil and approximately 1,000 cubic yards of NYSDOT Item #4 gravel at Gridley Excavating pits to support maintenance work on the BCP site. The results of the chemical testing of the soil materials was presented in a MEMORANDUM from Haley & Aldrich of New York to NYSDEC, dated 5 August 2014. Approval for use of the material was granted by NYSDEC on 27 August 2014. Subsequent to approval of the material, approximately 300 cubic yards of topsoil were transported to the site and temporarily stockpiled, seeded and stabilization at the location shown on Figure 2. The topsoil will be utilized in the for maintenance work above the demarcation layer of the site cover system.

World Kitchen implemented maintenance work on the railroad spur line serving the Batch House in the northeast corner of the BCP site. This work included removal and replacement of rail line ballast stone and ties. Replacement ballast was obtained from Hanson Aggregates in Geneva, NY consisting of NYSDOT #3 coarse aggregate stone. Hanson holds a valid mining permit for this source. The ballast stone contains less than 10% passing a #80 sieve. Appendix B contains the Hanson permit and sieve report.

C. *Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.*

This is not applicable because there is no ongoing environmental monitoring at the Site.

D. *Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.*

This is not applicable because there is no ongoing environmental monitoring at the Site.

E. *Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.*

This is not applicable because there is no ongoing environmental monitoring at the Site.

VI. Operation & Maintenance (O&M) Plan Compliance Report

A. *Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.*

The O&M Plan is presented in Section 4.0 of the SMP. The Site remedy does not rely on any mechanical systems; therefore, O&M of such components is not relevant. The Site cover systems are described in the SMP. Inspection of the Site cover systems takes place annually. The results of the inspection appear in the PRR covering that period.

B. *Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.*

1. Closure of Flood Control Valves in the Corning Flood Protection Levee adjacent to the BCP Site was completed under an Article 16 Permit issued by NYSDEC in conjunction with the US Army Corps of Engineers. Completion of this work required a small excavation into the cover system within the BCP property to access the pipe associated with DS-10. The excavation was at the location shown on Figure 2 in an area of the Site with GCL and Lawn cover type.

   This excavation was 92 square feet in area, and therefore did not require notification under the SMP and EWP. Clean soils above the demarcation layer were removed and stockpiled. The Contractor cut and removed a section of the demarcation layer and GCL and excavated the underlying soils to expose the end of the pipe where it had been previously cut and plugged. Soil below the demarcation layer was stockpiled separately, tested, and transported to the Steuben County Landfill. Documentation of material testing and disposal is included in Appendix C.

   Upon completion of the pipe closure work, the excavation was backfilled with Item #4 gravel from onsite stockpiles of previously approved import fill material up to the level of the GCL layer. New demarcation layer material matching the existing was cut and placed on top of the fill. A new section of GCL liner was cut and placed in the excavation overlapping the existing liner on the perimeter and the edge was sealed with dry bentonite. Eight to twelve inches of clean soil that was stockpiled from above the demarcation layer at the start of the excavation was placed and compacted on top of the GCL. Approximately 6 inches of topsoil was then placed, graded, seeded, and mulched over the excavation area to complete the restoration. The soil and topsoil layer thickness met or exceeded the 12 inch minimum clean soil cover requirement above the demarcation layer.

2. Minor landscaping work was completed in the passive park portion of the BCP Site during 2014 which included replacement of approximately 42 trees and repairs to the site sprinkler system. This work was all completed above the cover system demarcation layer and did not require SMP/EWP notification or monitoring as historic fill was not disturbed. Restoration of all work was completed to provide cover over the demarcation layer meeting the requirements of the SMP. Soil removed from the root balls of replaced trees was stockpiled onsite, tested for TCLP metals, and subsequently transported to the Steuben County Landfill for disposal. Documentation of material testing and disposal is included in Appendix C.

3. World Kitchen implemented maintenance work on the railroad spur line serving the Batch House in the northeast corner of the BCP site. Work was conducted on the BCP site in the area shown on Figure 2. This work included removal and replacement of rail line ballast and ties, and repair work on track rails and switches. The work was confined to the railroad bed in an area defined as "railroad cover" site cover type.

   Waste materials generated from the BCP site work consisting of rail ballast and debris were segregated in containers and transported off-site for disposal. Approximately 60 cubic yards of waste railroad ballast were transported and disposed of at the US Ecology facility in Detroit, Michigan. Waste railroad ties were transported to the Steuben County Landfill. Waste characterization and disposal shipping records are contained in Appendix D.

C. *Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated the ability of each component of the remedy subject to O&M requirements to perform as designed / expected.*

See Sections IV.A.2 and IV.A.3 of this report.

D. *O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.*

No O&M deficiencies were identified.

E. *Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.*

No improvements to Site remedy O&M are warranted.

VII. Overall PRR Conclusions and Recommendations

A. *Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;*

1. *whether all requirements of each plan were met during the reporting period*

See Sections IV.A.2 and IV.A.3 of this report.

2. *any requirements not met*

See Sections I.C.2, IV.A.2 and IV.A.3 of this report.

3. *proposed plans and a schedule for coming into full compliance.*

See Section I.C.2 of this report.

B. *Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.*

See Sections I.C.2, III, IV.A.2, and IV.A.3 of this report.

C. *Future PRR Submittals*

1. *Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).*

No change in frequency of the PRR submittals is recommended.

2. *If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.*

Site management is recommended to continue.

VIII. References

1. "Environmental Site Assessment Report, for the Tioga Avenue Site, Corning Incorporated, Corning, New York," Haley & Aldrich of New York, July, 2007.

2. "Remedial Investigation Work Plan (including results of a Pre-BCP Phase II Environmental Site Assessment) for the Tioga Avenue Site, Corning Property Management Corporation and Corning Incorporated, Corning, New York," Haley & Aldrich of New York, April, 2009.

3. "Report on Remedial Investigations & Recommended Remedial Actions for the Tioga Avenue Site (RI Report), Corning Property Management Corporation and Corning Incorporated, Corning, New York," Haley & Aldrich of New York, as revised July 2010.

4. "Alternatives Analysis Report for the Tioga Avenue Site, Corning Property Management Corporation and Corning Incorporated (AAR Report), Corning, New York," Haley & Aldrich of New York, December 2011.

5. "Site Management Plan- Tioga Avenue BCP Site Number: C851031," Haley & Aldrich of New York, as revised and approved April 2012.

6. "Change of Use Notification," Letter from Haley & Aldrich of New York to NYSDEC, 30 September 2011.

7. "Final Engineering Report -Tioga Avenue Property -Corning, New York -NYSDEC Site Number: C851031," Haley & Aldrich of New York, February 2012.

8. Environmental Easement, granted to NYSDEC pursuant to ECL Article 71, Title 36 which has been duly recorded in the Recording Office for Steuben County in Book: 2377 Page: 75.

9. NYSDEC Brownfield Cleanup Program Certificate of Completion Site Number: C851031, 18 April 2012.

10. "Construction Documentation Report - Tioga Avenue Park Redevelopment - BCP Site #C851031 -Corning, New York," Haley & Aldrich of New York, December 2013.

11. "Corrective Measures Plan - Tioga Avenue BCP Site #C851031 -Corning, New York," Haley & Aldrich of New York, December 2013.

RECORD DRAWING
Reviewed By:
Jonathan D. Babcock, P.E.

This record drawing has been prepared, in part, based upon information furnished by others. While this information is believed to be reliable, the engineer assumes no responsibility for the accuracy of this record drawing or for any errors or omissions that may have been incorporated into it as a result of incorrect information provided to the engineer. Those relying on this record document are advised to obtain independent verification of its accuracy.

NOTES:
1) BASE MAPPING PROVIDED BY SURVEY MAP ENTITLED "CORNING PROPERTY MANAGEMENT CORP, (FALLBROOK PLANT), CITY OF CORNING, STUEBEN COUNTY, NEW YORK", DATED NOVEMBER 2010, JOB NO. 13989.05 MAP PREPARED BY WEILER ASSOCIATES LICENSED LAND SURVEYORS, LOCATED AT 206 GARDNER ROAD HORSEHEADS, NY 14845.

AS OF 11/1/13, WORK IN THIS AREA IS NOT COMPLETE

CHEMUNG RIVER
TOP OF BANK
APPROXIMATE EDGE OF RIVER (BASED ON HISTORIC WEILER SURVEY)
FLOOD CONTROL
SUBSTATION
SUBSTATION AREA
RAILROAD AREA
CULLET STORAGE
CULLET SHED
NORTHEAST CORNER
TOP OF LEVEE
TOP OF BANK (TOE OF LEVEE)
BOTTOM OF LEVEE
WELL HOUSE
STEUBEN STREET
EXCAVATION AREA WITHIN LOW PERMEABILITY COVER LIMITS
EAST TIOGA AVE.

D1 STANDARD DUTY ASPHALT
D2 LANDSCAPED AREAS - WEST PARKING LOT
D3 ISLAND PARKING LOT
D4 SOIL COVER OUTSIDE OPEN LAWN AREA
D5 AREA ITEM 4 USED TO ACHIEVE SUBGRADE ELEVATION
D6 OPEN LAWN AREA
D7 HEAVY DUTY ASPHALT
D8 SOIL COVER WITH NO CRUSHED CONCRETE
D9 CONCRETE WALK
D10 MINIMUM 1 FT THICK CLEAN SOIL COVER
D11 GEOSYNTHETIC CLAY LINER COVER

BUILDING / STRUCTURE TO REMAIN
MIN 1 FT THICK CLEAN SOIL
CLEAN SOIL COVER
MINIMUM 1 FT ASPHALT COVER
MINIMUM 2 FT THICK CLEAN SOIL COVER
MINIMUM 1 FT THICK CLEAN SOIL COVER
RAILROAD COVER
SEE RECORD DRAWING RD-7
CONCRETE WALK

BROWNFIELD SITE BOUNDARY
EXCAVATION AREA
ITEM 4 USED TO REACH SUBGRADE ELEVATION
ASPHALT PAVEMENT AREA MILL & OVERLAY NYSDOT TYPE 7 TOP COURSE
LAWN AREA WITH GEOSYNTHETIC CLAY LAYER

N E S W

0 100 200
SCALE IN FEET

HALEY & ALDRICH

CORNING INCORPORATED
CORNING PROPERTY MANAGEMENT CORPORATION
TIOGA AVENUE PROPERTY BCP SITE #C851031
PERIODIC REVIEW SUMMARY REPORT
CORNING, NEW YORK

SITE COVER TYPES PLAN

SCALE: AS SHOWN
REV. A - NOVEMBER 2013

FIGURE 1

G:\Projects\33123\GIS\Map Projects\2013_1120_JSB_Site Cover TypesFig1_BL_D3.mxd

APPROXIMATE EDGE OF RIVER (BASED ON HISTORIC WEILER SURVEY)

RIVER

CHEMUNG

TOP OF BANK (TOE OF LEVEE)

SUBSTATION

FLOOD CONTROL

BOTTOM OF LEVEE

TOP OF LEVEE

SUBSTATION AREA

POND AREA

COOLING EQUIPMENT PAD

RAILROAD AREA

Topsoil Stockpile

Approximate Location of DS-10 Pipe Excavation

CULLET STORAGE

Figure 2
2014 Work Areas

ASPHALT PAVEMENT AREA OVERLAY NYSDOT TYPE 7 TOP

LAWN ARE WITH GEOSYNTHETIC CLAY LAYER

ASPHALT SITE COVER

Area of Track Maintenanace

NOTES:
1) THIS FIGURE TO BE USED FOR PRESENTING SITE COVER TYPES ONLY.

N
W E
S

0 40 80
SCALE IN FEET

HALEY & ALDRICH

CORNING INCORPORATED
CORNING PROPERTY MANAGEMENT CORPORATION
TIOGA AVENUE PROPERTY BCP SITE #C851031
CONSTRUCTION DOCUMENTATION REPORT
CORNING, NEW YORK

POST-PROJECT SITE COVER TYPES
NORTH OF RAILROAD TRACKS

SCALE: AS SHOWN
OCTOBER 2013

RECORD DRAWING RD-7

G:\Projects\33123\GIS\Map Projects\2013_1003_TJV_Site Cover Types North RR_BL_D1.mxd

Appendix A

NYSDEC Site Management Periodic Review Report Notice, Institutional and 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. **C851031**

Site Name Tioga Avenue Site

Site Address: East Tioga Avenue Zip Code: 14831
City/Town: Corning
County: Steuben
Site Acreage: 14.2

Reporting Period: ~~August 08, 2013 to August 08, 2014~~ December 07, 2013 to December 07, 2014

	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?	☐	☒

The Corrective Measures Work Plan dated December 04, 2013 is pending review by the Department

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.

See Item 7 Above
Signature of Owner, Remedial Party or Designated Representative

March 12, 2015
Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C851031 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
318.10-01-01.100	Corning Property Management Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan

- Prohibition potable water use
- Soil cover over 5 acres
- Compliance with a soils management plan
- Use must be maintained as commercial or industrial
- Vapor evaluation & mitigation if occupied structures constructed
- Management of remaining contaminated soils below cover

Box 4

Description of Engineering Controls

Parcel	Engineering Control
318.10-01-01.100	Cover System

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. C851031

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 Michael W. Donnelly at Corning Property Management Corporation
print name print business address
One Riverfront Plaza, Corning, NY
am certifying as Owner (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

March 12, 2015
Date

IC/EC CERTIFICATIONS

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 _____ at _____,
print name print business address

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

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

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated the ability of each component of the remedy subject to O&M requirements to perform as

designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

Appendix B

Hanson Aggregates Rail Ballast Stone

Hanson
HEIDELBERGCEMENT Group

Hanson Aggregates, Inc.
P.O. Box 9
2026 County Rd. #6
Oaks Corners, NY 14518

July 24,2012

Railworks Track Services,Inc.
181 Notre Dame Street
Suite #2
Westfield, MA 01085

RE: Ballast For Corning Glass

Dear Sir:

This is to certify that the materials produced at Plant #353 Geneva location will meet or exceed the specifications as listed for their respective products. Plant #353 is a New York State Dept. of Transportation approved source,no. 4-8R.
The current test no. is 11AR73. These products are constantly monitored by the DOT and our own quality control staff. Below you will find the gradation of the materials you requested. These gradations are an average of samples taken throughout the production season, and some variation from these numbers may occur.

Sincerely, Joseph DeSimone

Joseph DeSimone
Quality Control Manager
Hanson Aggregates NY Inc.,LLC.

Hanson
HEIDELBERGCEMENT Group

Basic Quality Statistical Summary Report

Period 01/01/2012 - 07/24/2012
Plant E353-GENEVA
Product 74319-3's
Specification 3's

Sieve/Test	Tests	Average	St Dev	Target	Specification
2 1/2" (63mm)	1	100.0			100-100
2" (50mm)	1	100.0			90-100
1 1/2" (37.5mm)	1	65.4			35-70
1" (25mm)	1	11.6			0-15
3/4" (19mm)	1	5.1			
1/2" (12.5mm)	1	3.5			
3/8" (9.5mm)	1	0.0			

Comments

Query
Query Selections
Date Created 07/24/2012
Date Range 01/01/2012 - 07/24/2012
Plant GENEVA

Hanson
HEIDELBERGCEMENT Group

Basic Quality Statistical Summary Report

Period 01/01/2011 - 12/31/2011
Plant E353-GENEVA
Product 74319-3's
Specification 3's

Sieve/Test	Tests	Average	St Dev	Target	Specification
2 1/2" (63mm)	7	100.0	0.00		100-100
2" (50mm)	7	97.7	2.64		90-100
1 1/2" (37.5mm)	7	65.3	11.11		35-70
1" (25mm)	7	11.0	5.70		0-15
3/4" (19mm)	7	4.1	2.43		
1/2" (12.5mm)	7	1.0	1.29		
3/8" (9.5mm)	3	0.0	0.00		

Comments

Query Query Selections
Date Created 07/24/2012
Date Range 01/01/2011 - 12/31/2011
Plant GENEVA

Appendix C

Soil Waste Characterization and Disposal

Summary Table of Soil Disposal					
Date	Ticket #	Weight	Description	Transporter	Source
09/05/14	3311143	17.52	BUD (Soil)	D. Gross	Soil from DS-10 South Excavation
09/05/14	3311193	11.92	BUD (Soil)	D. Gross	Soil from DS-10 South Excavation
09/08/14	3311437	15.48	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/08/14	3311508	13.96	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/08/14	3311480	17.90	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/08/14	3311525	23.07	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/08/14	3311430	12.79	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/09/14	3311579	11.92	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/09/14	3311588	7.46	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement
09/09/14	3311554	20.52	BUD (Soil)	D. Gross	Soil Stockpile from Tree Replacement

All materials taken to Steuben County Landfill

Dirt

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311193**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6411 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/05/14 09/05/14
PT = 0 - Not Found Time 13:53 14:14
OT = 200 - Corning Inc.

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	23840	$238.40

	Lbs	Tons
Gross	59460	29.73
Tare	35620	17.81
NET	**23840**	**11.92**

In/Out: I

Tip Fee 238.40 @ $20.00/tn
Spec Fee 0.00
========

Total $238.40

VOL/QY/CYD = 0

Driver: K.P. Weighmaster: Anna Martin-Miller 460266

Dirt

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311143**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6411 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/05/14 09/05/14
PT = 0 - Not Found Time 11:09 11:30
OT = 200 - Corning Inc.

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	35040	$350.40

	Lbs	Tons
Gross	71200	35.60
Tare	36160	18.08
NET	**35040**	**17.52**

In/Out: I

Tip Fee 350.40 @ **$20.00/tn**
Spec Fee 0.00
========

Total $350.40

VOL/QY/CYD = 0

Driver: K.L. Weighmaster: Anna Martin-Miller 460266

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO**
Company: ONTARIO SPECIALTY CONT
Vehicle# : C6412
TT = 100 - Commercial BY WEIGH
PT = 0 - Not Found
OT = 100 - Corning

Haul Acct: DOUGGROS Tran#: **3311437**
Company: DOUG GROSS CONST INC 284

	---In---	---Out--
Date	09/08/14	09/08/14
Time	08:51	09:22

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	30960	$309.60

	Lbs	Tons
Gross	58920	29.46
Tare	27960	13.98
NET	**30960**	**15.48**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 309.60 @ $20.00/tn
Spec Fee 0.00

Total $309.60

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

T-34

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311508**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6412 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/08/14 09/08/14
PT = 0 - Not Found Time 12:45 13:13
OT = 100 - Corning

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	27920	$279.20

	Lbs	Tons
Gross	66840	33.42
Tare	38920	19.46
NET	**27920**	**13.96**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 279.20 @ $20.00/tn
Spec Fee 0.00
========

Total $279.20

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

T-50

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311480**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6412 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/08/14 09/08/14
PT = 0 - Not Found Time 11:30 11:44
OT = 100 - Corning

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	35800	$358.00

	Lbs	Tons
Gross	63040	31.52
Tare	27240	13.62
NET	**35800**	**17.90**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 358.00 @ $20.00/tn
Spec Fee 0.00
========

Total $358.00

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311525**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6412 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/08/14 09/08/14
PT = 0 - Not Found Time 13:45 13:57
OT = 100 - Corning

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	46140	$461.40

	Lbs	Tons
Gross	73460	36.73
Tare	27320	13.66
NET	**46140**	**23.07**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 461.40 @ $20.00/tn
Spec Fee 0.00
========

Total $461.40

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311430**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6412 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/08/14 09/08/14
PT = 0 - Not Found Time 08:48 09:10
OT = 100 - Corning

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	25580	$255.80

	Lbs	Tons
Gross	52940	26.47
Tare	27360	13.68
NET	**25580**	**12.79**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 255.80 @ $20.00/tn
Spec Fee 0.00
========

Total $255.80

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO**
Company: ONTARIO SPECIALTY CONT
Vehicle# : C6412
TT = 100 - Commercial BY WEIGH
PT = 0 - Not Found
OT = 100 - Corning

Haul Acct: DOUGGROS
Company: DOUG GROSS CONST INC 284

Tran#: **3311554**

	---In---	---Out--
Date	09/09/14	09/09/14
Time	07:31	07:41

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	41040	$410.40

	Lbs	Tons
Gross	68600	34.30
Tare	27560	13.78
NET	**41040**	**20.52**

In/Out: I

Tip Fee 410.40 @ $20.00/tn
Spec Fee 0.00

Total $410.40

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO** Haul Acct: DOUGGROS Tran#: **3311579**
Company: ONTARIO SPECIALTY CONT Company: DOUG GROSS CONST INC 284
Vehicle# : C6412 ---In--- ---Out--
TT = 100 - Commercial BY WEIGH Date 09/09/14 09/09/14
PT = 0 - Not Found Time 08:31 09:09
OT = 100 - Corning

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	23840	$238.40

	Lbs	Tons
Gross	57400	28.70
Tare	33560	16.78
NET	**23840**	**11.92**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 238.40 @ $20.00/tn
Spec Fee 0.00

Total $238.40

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

Top Soil

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **ONTARIO**
Company: ONTARIO SPECIALTY CONT
Vehicle# : C6412
TT = 100 - Commercial BY WEIGH
PT = 0 - Not Found
OT = 100 - Corning

Haul Acct: DOUGGROS Tran#: **3311588**
Company: DOUG GROSS CONST INC 284

	---In---	---Out--
Date	09/09/14	09/09/14
Time	09:17	09:28

Material Types	Rate/UM	Vol/QY	lbs	Tip
1200 - BUD - Soil	$20.00/TN	0	14920	$149.20

	Lbs	Tons
Gross	42340	21.17
Tare	27420	13.71
NET	**14920**	**7.46**

VOL/QY/CYD = 0

In/Out: I

Tip Fee 149.20 @ $20.00/tn
Spec Fee 0.00

Total $149.20

Driver: _____ Weighmaster: Anna Martin-Miller 460266

********** REPRINTED TICKET **********

Top Soil

PARADIGM

Analytical Report For

Haley & Aldrich

For Lab Project ID

143504

Referencing

Tioga/Fallbrook Corning, 5 pt comp. from stockpile

Prepared

Tuesday, August 19, 2014

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 143504

Client: **Haley & Aldrich**

Project Reference: Tioga/Fallbrook Corning, 5 pt comp. from stockpile

Sample Identifier:	4465-081214-1540		
Lab Sample ID:	143504-01	**Date Sampled:**	8/12/2014
Matrix:	TCLP Extract	**Date Received:**	8/13/2014

TCLP Mercury

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed	
Mercury	< 0.00200	mg/L	0.2		8/15/2014	12:10

Method Reference(s): EPA 7470A
EPA 1311

Data File: Hg140815A

TCLP RCRA Metals (ICP)

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed	
Arsenic	< 0.100	mg/L	5		8/15/2014	10:26
Barium	**1.57**	mg/L	100		8/15/2014	10:26
Cadmium	< 0.0250	mg/L	1		8/15/2014	10:26
Chromium	< 0.0500	mg/L	5		8/15/2014	10:26
Lead	< 0.100	mg/L	5		8/15/2014	10:26
Selenium	< 0.100	mg/L	1		8/15/2014	10:26
Silver	< 0.0500	mg/L	5		8/15/2014	10:26

Method Reference(s): EPA 6010C
EPA 1311 / 3005

Data File: 081514a

Report Prepared Tuesday, August 19, 2014

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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.
"Non-ELAP Certifiable" = ELAP does not offer this parameter for approval as part of their laboratory certification program.*

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: Haley & Aldrich	COMPANY:	LAB PROJECT #: 143504 / CLIENT PROJECT #:
ADDRESS: 200 Town Centre Dr. #200	ADDRESS:	
CITY: Rochester STATE: NY ZIP: 14623	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: 585-359-4000 FAX:	PHONE: FAX:	STD ☒ 5 / OTHER ☐ 1 ☐ 2 ☐ 3
ATTN: Ed Hines	ATTN:	
COMMENTS: 5 pt composite from stockpile		QUOTE #:

PROJECT NAME/SITE NAME: Tioga/Fullbrook Corning

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP Metals	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 08/12/14	3:40pm	✓		4465-081214-1540	soil		X		01
2					per email				
3					KS 8/13/14				
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 ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 15°C		

Sampled By — Date/Time: 8/12/14 3:40pm

Relinquished By — Date/Time: 8/12/14 3:40pm

Received By — Date/Time: 8/13/14 1101

Received @ Lab By — Date/Time

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: Haley + Aldrich **Completed by:** Kyle Swarick

Lab Project ID: 143504 **Date:** 8/13/14

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments			
Sufficient Sample Quantity	X		
Comments			

PARADIGM

Analytical Report For

Haley & Aldrich

For Lab Project ID

143648

Referencing

Corning Lever Pipe Closure, 33123-029

Prepared

Thursday, August 28, 2014

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 143648

Client: **Haley & Aldrich**

Project Reference: Corning Lever Pipe Closure, 33123-029

Sample Identifier: 4465-082014-1600
Lab Sample ID: 143648-01 **Date Sampled:** 8/20/2014
Matrix: TCLP Extract **Date Received:** 8/21/2014

TCLP Mercury

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Mercury	< 0.00200	mg/L	0.2	L	8/27/2014 14:23

Method Reference(s): EPA 7470A
EPA 1311
Data File: Hg140827A

TCLP RCRA Metals (ICP)

Analyte	Result	Units	Regulatory Limit	Qualifier	Date Analyzed
Arsenic	< 0.100	mg/L	5		8/27/2014 11:31
Barium	**1.35**	mg/L	100		8/27/2014 11:31
Cadmium	< 0.0250	mg/L	1		8/27/2014 11:31
Chromium	< 0.0500	mg/L	5		8/27/2014 11:31
Lead	**1.04**	mg/L	5		8/27/2014 11:31
Selenium	< 0.100	mg/L	1		8/27/2014 11:31
Silver	< 0.0500	mg/L	5		8/27/2014 11:31

Method Reference(s): EPA 6010C
EPA 1311 / 3005
Data File: 082714a

Report Prepared Thursday, August 28, 2014

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Appendix

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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:

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"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.
"Non-ELAP Certifiable" = ELAP does not offer this parameter for approval as part of their laboratory certification program.*

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

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:			
COMPANY: Haley & Aldrich		COMPANY: Same		LAB PROJECT #: 143648	CLIENT PROJECT #: 33123-029
ADDRESS: 200 Town Center Dr. #200		ADDRESS:			
CITY: Rochester	STATE: NY ZIP: 14623	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 585-359-9000	FAX: 585-359-4650	PHONE:	FAX:	STD ☒ 5	OTHER ☐
ATTN: Ed Hynes		ATTN:		☐ 1 ☐ 2 ☐ 3	
PROJECT NAME/SITE NAME: Corning Levee Pipe Closure		COMMENTS: 6 pt. composite from two roll off bins - Excavation Spoils		Quotation #	

8/21/14

Page 4 of 5

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TCLP Metals									REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	8/20/14	16:00	✓		4465-082014-1600	S		X										01	
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

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

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

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

Ryan Jurko — 8/20/14 16:00 — Sampled By — Date/Time

Ryan Jurko via Fedex — 8/20/14 16:45 — Relinquished By — Date/Time

Received By — Date/Time

Matt Vail — 8/21/14 1617 — Received @ Lab By — Date/Time

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: Haley + Aldrich **Completed by:** Molly Vail

Lab Project ID: 143648 **Date:** 8/21/14

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	Y		
Comments			
Temperature			X
Comments			
Sufficient Sample Quantity	X		
Comments			

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Appendix D

Railroad Repair Waste Characterization and Disposal

Adirondack Environmental Services, Inc.®
Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

September 19, 2014

Gregory Green
Worldkitchen, LLC
greenge@worldkitchen.com
Corning, NY 14830

TEL: (607) 377-3496
FAX: (607) 377-3669

Work Order No: 140909032
PO#: 4500013079

RE: Corning
Tioga Ave.

Dear Gregory Green:

Adirondack Environmental Services, Inc received 1 sample on 9/9/2014 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

ELAP#: 10709

Christopher Hess
QA Manager

CC:
Mike Ford

Adirondack Environmental Services, Inc — CASE NARRATIVE

CLIENT:	Worldkitchen, LLC	**Date:**	*19-Sep-14*
Project:	Corning		
Lab Order:	140909032		

Sample containers were not supplied by Adirondack Environmental Services.

Qualifiers:

	C - Details are above in Case Narrative
ND - Not Detected at reporting limit	S - LCS Spike recovery outside acceptable limits(+ is over - is under)
J - Analyte detected below quantitation limit	R - Duplication outside acceptable limits
B - Analyte detected in Blank	T - Tentatively Identified Compound-Estimated
X - Exceeds maximum contamination limit	E -Above quantitation range-Estimated
H - Hold time exceeded	M - Matrix Spike outside acceptable limits(+ is over - is under)

Note : All Results are reported as wet weight unless noted

The results relate only to the items tested. Information supplied by the client is assumed to be correct.

Adirondack Environmental Services, Inc

Date: *19-Sep-14*

CLIENT: Worldkitchen, LLC
Work Order: 140909032
Reference: Corning / Tioga Ave.
PO#: 4500013079

Client Sample ID: 4465-090514-1330
Collection Date: 9/5/2014
Lab Sample ID: 140909032-001
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TCLP MERCURY - SW1311/7470A						Analyst: **TM**
(Prep: SW7470A - 9/16/2014)						
Mercury-TCLP	**< 0.020**	0.020		mg/L	1	9/16/2014
TCLP METALS - SW1311/6010C						Analyst: **SM**
(Prep: SW1311 - 9/11/2014)						
Arsenic-TCLP	**0.14**	0.05		mg/L	1	9/16/2014 1:15:15 PM
Barium-TCLP	**2.84**	0.10		mg/L	1	9/16/2014 1:15:15 PM
Cadmium-TCLP	**< 0.05**	0.05		mg/L	1	9/16/2014 1:15:15 PM
Chromium-TCLP	**< 0.05**	0.05		mg/L	1	9/16/2014 1:15:15 PM
Lead-TCLP	**6.80**	0.05	X	mg/L	1	9/16/2014 1:15:15 PM
Selenium-TCLP	**< 0.05**	0.05		mg/L	1	9/16/2014 1:15:15 PM
Silver-TCLP	**< 0.10**	0.10		mg/L	1	9/16/2014 1:15:15 PM

Adirondack Environmental Services Inc
314 North Pearl Street
Albany, New York 12207
518-434-4546 ♦ Fax: 518-434-0891

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CHAIN OF CUSTODY RECORD

AES Work Order#: 14090932

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: Corning Inc.	Address: H.P.-ME-03-83	
Send Report to: Mike Ford	Project Name (Location): Tioga Ave.	Samplers Name: Roger Wilcox, Haley & Aldrich
Client Phone No: 607-974-4279	PO #:	Samplers Signature:
Client Fax No:		

AES Sample ID	Client Sample ID:	Date Sampled	Time A=am P=pm		Sample Type Matrix	C	G	# of Cont's	Analysis
001	4465-090514-1330	9/5/14	1:30	(A) P	S	X		1	TCLP Metals
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					
				A P					

Shipment Arrived Via: (FedEx) UPS Client AES Other: _____

Turnaround Time Requested:
☐ 1 Day ☐ 3 Day ☒ Normal
☐ 2 -Day ☐ 5 Day

Special Instructions/Remarks: Railroad maintenance Greg Green
world kitchen / Corning.
Contact Mike Ford for P.O.
--3 point composite from 3 roll-off bins

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
via FedEx	9/8/14	10:00 am			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	**Received for Laboratory by:**	9-9-14	10:07

Sample Temperature	Properly Preserved	Received Within Holding Times
(Ambient) Chilled Chilling Process begun	(Y) N	(Y) N
Notes:	Notes:	Notes:

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TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

(a) Neither **Adirondack Environmental Services, Inc.,** nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.'s** performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.

(b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.

(c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.

(d) In no event shall **Adirondack Environmental Services, Inc.,** its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.

(e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**

(f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.

(g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Mr. Ed Hynes
Haley & Aldrich
200 Town Centre Dr., Ste. 2
Rochester, NY 14623

Report Summary

Tuesday October 28, 2014

Report Number: L729303
Samples Received: 10/23/14
Client Project: 33123-030

Description: TIOGA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Leslie Newton

Leslie Newton , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364, EPA - TN002

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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Mt. Juliet, TN 37122
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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Ed Hynes
Haley & Aldrich
200 Town Centre Dr., Ste. 2
Rochester, NY 14623

October 28,2014

ESC Sample # : L729303-01

Date Received : October 23, 2014
Description : TIOGA

Site ID : NY

Sample ID : 4552-102214-1230

Project # : 33123-030

Collected By : David M. Norstrant
Collection Date : 10/22/14 12:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.4		%	2540 G-2011	10/25/14	1
Polychlorinated Biphenyls						
PCB 1016	BDL	0.020	mg/kg	8082	10/27/14	1
PCB 1221	BDL	0.020	mg/kg	8082	10/27/14	1
PCB 1232	BDL	0.020	mg/kg	8082	10/27/14	1
PCB 1242	BDL	0.020	mg/kg	8082	10/27/14	1
PCB 1248	BDL	0.020	mg/kg	8082	10/27/14	1
PCB 1254	0.089	0.020	mg/kg	8082	10/27/14	1
PCB 1260	BDL	0.020	mg/kg	8082	10/27/14	1
PCBs Surrogates						
Decachlorobiphenyl	64.5		% Rec.	8082	10/27/14	1
Tetrachloro-m-xylene	68.7		% Rec.	8082	10/27/14	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

The reported analytical results relate only to the sample submitted
Reported: 10/28/14 09:20 Printed: 10/28/14 09:20

Summary of Remarks For Samples Printed
10/28/14 at 09:20:52

TSR Signing Reports: 044
R3 - Rush: Two Day

All invoice revisions emailed with a receipt request to ap@haleyaldrich.com and project manager's email. ln 2/15/13 Removed city/state from Account name per Haley & Aldrich accounting. ln 11/4/09

Sample: L729303-01 Account: HALALDRNY Received: 10/23/14 09:00 Due Date: 10/27/14 00:00 RPT Date: 10/28/14 09:20
upgraded per tfudge

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YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Haley & Aldrich
Mr. Ed Hynes
200 Town Centre Dr., Ste. 2

Rochester, NY 14623

Quality Assurance Report
Level II

L729303

October 28, 2014

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Total Solids	< .1	%			WG750578	10/25/14 09:44
PCB 1016	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1221	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1232	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1242	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1248	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1254	< .017	mg/kg			WG750994	10/27/14 16:11
PCB 1260	< .017	mg/kg			WG750994	10/27/14 16:11
Decachlorobiphenyl		% Rec.	92.00	10-145	WG750994	10/27/14 16:11
Tetrachloro-m-xylene		% Rec.	90.00	21.1-148	WG750994	10/27/14 16:11

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	80.6	80.2	0.591	5	L729343-01	WG750578

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	100.	85-115	WG750578
PCB 1016	mg/kg	.1667	0.108	64.8	63.2-118	WG750994
PCB 1260	mg/kg	.1667	0.113	68.0	64.6-123	WG750994
Decachlorobiphenyl				88.50	10-145	WG750994
Tetrachloro-m-xylene				82.90	21.1-148	WG750994

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
PCB 1016	mg/kg	0.118	0.108	71.0	63.2-118	9.26	20	WG750994
PCB 1260	mg/kg	0.126	0.113	76.0	64.6-123	10.6	20.8	WG750994
Decachlorobiphenyl				94.10	10-145			WG750994
Tetrachloro-m-xylene				87.70	21.1-148			WG750994

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
PCB 1016	mg/kg	0.110	0.0	.1667	66.0	23.5-134	L729395-02	WG750994
PCB 1260	mg/kg	0.108	0.00500	.1667	62.0	16.1-139	L729395-02	WG750994
Decachlorobiphenyl					91.90	10-145		WG750994
Tetrachloro-m-xylene					80.10	21.1-148		WG750994

Matrix Spike Duplicate

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
PCB 1016	mg/kg	0.105	0.110	63.0	23.5-134	4.95	25.8	L729395-02	WG750994
PCB 1260	mg/kg	0.103	0.108	58.7	16.1-139	4.93	25.9	L729395-02	WG750994
Decachlorobiphenyl				87.80	10-145				WG750994
Tetrachloro-m-xylene				76.10	21.1-148				WG750994

Batch number /Run number / Sample number cross reference

WG750578: R3000205: L729303-01
WG750994: R3000593: L729303-01

* * Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

ESC LAB SCIENCES
YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Haley & Aldrich
Mr. Ed Hynes
200 Town Centre Dr., Ste. 2

Rochester, NY 14623

Quality Assurance Report
Level II

L729303

October 28, 2014

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Haley & Aldrich
200 Town Centre Dr.,
Ste.2
Rochester, NY 14623

Alternate billing information:

Report to: E. HYNES

Email to: ehynes@haleyaldrich.com

Project Description: CORNING TIOGA

City/State Collected: Corning, NY

Phone: 585-359-9000
FAX:

Client Project #:

ESC Key: HALALDRNY-CORNING

Collected by: DAVID M. NOSTRANT

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day. 200%
____ Next Day.. . . . . 100%
____ Two Day 50%

Date Results Needed: 10/30/14

Email? __No X Yes

FAX? X No __Yes

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Analysis/Container/Preservative: PCB's	Remarks/Contaminant	Sample # (lab only)
4552-102214-1230	C	SS	0.5-2.0	10/22/14	1230	3	X		L729303-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: RESULTS NEEDED BY 10/30/14 5547.02431278

pH _____ Temp _____

Flow _____ Other _____

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

D059

CoCode HALALDRN (lab use only)

Template/Prelogin

Shipped Via:

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	10/22/14	1430	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 2.7 Bottles Received: 3=40z

Date: 10/23/14 Time: 0900

Condition: OK (lab use only) JC3

pH Checked: NCF:

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 26993 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD000824425	1	#CCN5688 800-424-9300	012713707 JJK

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831

Generator's Site Address (if different than mailing address)
CORNING INCORPORATED
TIOGA AVE.
CORNING, NY 14831

Generator's Phone: 607-974-8818 ATTN:ROBERT OHL

6. Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP INC. U.S. EPA ID Number: NYD980769947

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ DETROIT,INC.
1923 FREDERICK
DETROIT, MI 48211
U.S. EPA ID Number: MID980991566

Facility's Phone: 313-347-1300

	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
GENERATOR	X	1. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008) 9, PG III	1	CM	12 16 ET	T	D008		T
		2.							
		3.							
		4.							

14. Special Handling Instructions and Additional Information
1.) RR TRACK BALLAST AND SOIL WITH LEAD (J14347437WTSDET) ERG#171 WTS ORDER # 55786

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gary L. Gesy Signature: [signature] Month: 11 Day: 03 Year: 14

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Edward Hahn Signature: [signature] Month: 11 Day: 3 Year: 14
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Daniel Day Signature: [signature] Month: 11 Day: 04 Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 26993 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD000824425	1	#CCN5688 800-424-9300	012713708 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831

Generator's Site Address (if different than mailing address)
CORNING INCORPORATED
TIOGA AVE.
CORNING, NY 14831

Generator's Phone: 607-974-8818 ATTN:ROBERT OHL

6. Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP INC. U.S. EPA ID Number: NYD980769947

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EQ DETROIT,INC.
1923 FREDERICK
DETROIT, MI 48211

U.S. EPA ID Number: MID980991566

Facility's Phone: 313-347-1300

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008) 9, PG III	1	CM	ESF. 17	T	D008 T
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) RR TRACK BALLAST AND SOIL WITH LEAD (114347437WTSDET) ERG#171 WTS ORDER # 55786

RB/78

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true

Generator's/Offeror's Printed/Typed Name: GARY L. GRAY Signature: [signature] Month: 11 Day: 03 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TOM CABIN Signature: [signature] Month: 11 Day: 03 Year: 14
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H10 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [signature] Signature: [signature] Month: 11 Day: 12 Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 26993

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD000824425	1	#CCN5688 800-424-9300	012713709 JJK

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831

Generator's Site Address (if different than mailing address)
CORNING INCORPORATED
TIOGA AVE.
CORNING, NY 14831

Generator's Phone 607-974-8818 ATTN:ROBERT OHL

6. Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP INC. — U.S. EPA ID Number: NYD980769947

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ DETROIT,INC.
1923 FREDERICK
DETROIT, MI 48211

U.S. EPA ID Number: MID980991566

Facility's Phone: 313-347-1300

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12 Unit Wt./Vol.	13. Waste Codes		
X	1 RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008) 9, PG III	1	CM	11 12	T	D008		T
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.) RR TRACK BALLAST AND SOIL WITH LEAD (J14347437WTSDET) ERG#171 WTS ORDER # 55786

Box # - RB234

15 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gary L. Geer — Signature — Month 11 Day 03 Year 14

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Maggard — Signature — Month 11 Day 03 Year 14
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H110 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Joanne Day — Signature — Month 11 Day 04 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 26993 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD000824425	2. Page 1 of 1	3. Emergency Response Phone #CCN5688 800-424-9300	4. Manifest Tracking Number 012713711 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831

Generator's Site Address (if different than mailing address)
CORNING INCORPORATED
TIOGA AVE.
CORNING, NY 14831

Generator's Phone 607-974-8818 ATTN:ROBERT OHL

6. Transporter 1 Company Name: HAZMAT ENVIRONMENTAL GROUP INC. — U.S. EPA ID Number: NYD980769947

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ DETROIT,INC.
1923 FREDERICK
DETROIT, MI 48211

U.S. EPA ID Number: MID980991566

Facility's Phone: 313-347-1300

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1 RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008) 9, PG III	1	CM	10 Sim	T	D008		T
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.) RR TRACK BALLAST AND SOIL WITH LEAD (J14347437WTSDET) ERG#171 WTS ORDER # 55786

15. 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. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: GARY L. GRAY — Signature — Month 11 Day 10 Year 14

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Maggard — Signature — Month 11 Day 07 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month 11 Day 10 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Appendix E

SMP Annual Site Inspection Form

SMP - ANNUAL SITE INSPECTION

PROJECT	Tioga Avenue Brownfield Site	**Prepared By:** James E. Siegfried, P.E.	**Routine/Nonroutine Inspection:** Routine Annual
LOCATION	Corning, New York	**Company:** Haley & Aldrich	**Weather:** Variable
DATE(s)	12/07/2013-12/07/2014	**Title:** Project Manager	**Other Noteworthy Conditions:** None

Attach sketches and/or photographs, as needed.

1. SITE COVER - SOIL, CONCRETE, ASPHALT, STRUCTURES

A. Visual Inspection and Integrity Observations:

Haley & Aldrich performed environmental and constrution monitoring for projects on and adjacent to the Tioga Avenue Passive Park Development, New York State BCA Site No. C851031, Corning, New York (the Redevelopment Project) during the reporting period.

Based on the monitoring performed including my own site visits, the site cover is in place and effective, except as noted in Section C. below.

B. Maintenance, repairs, or changes to site cover completed since previous inspection(s):

Tree replacement and sprinkler repair work were completed in the passive park. This work was conducted above the cover system and historic fill was not encountered. World Kitchen conducted railroad repair work on the spur line serving the Batch House in the northeast corner of the BCP site. The work consisted of railroad tie replacement, ballast removal and replacement, and track repairs limited to the immediate railroad bed. Some of this work was conducted on the BCP property and has been restored to railroad cover system. A minor excvation of less than 100 square feet was made through the GCL cover on the north side of the BCP site to support closure of Drainage Structure DS-10. The area was restored with clean fill, a demarcation layer, GCL low permeability layer, and soil protective layer in accordance with the SMP requirements.

C. Deficiencies noted, if any:

As of the date of this report, the Redevelopment Project work related to BCP Site Engineering Controls was complete, except in the northeast corner of the Site, which is still under construction.

D. Recommended actions:

A complete discussion of the plans to complete construction of Redevelopment Project site improvements in the northeast corner of the Site is presented in the "Corrective Measures Plan - Tioga Avenue BCP Site #C851031 -Corning, New York," December 2013. The work remaining in this area includes closing drainage structures, constructing storm drainage system improvements, and replacing the low permeability cover in the portion of this area where it was disturbed by those activities.

2. OTHER SITE OBSERVATIONS (include any incidents, repairs, maintenance, or other observations affecting site management plan and reporting):

None.

3. SITE / OWNER PERSONNEL CONTACTED:

a. Mike Ford, Corning Incorporated.

b. Bob Ohl, Corning Incorporated.