CORNING INCORPORATED WASTE WATER TREATMENT FACILITY CLOSURE
SPDES PERMIT NY0003981
TIOGA AVENUE, CORNING, NEW YORK

by

Haley & Aldrich of New York
Rochester, New York

for

Corning Incorporated
Corning, New York

File No. 33123-023
22 February 2013

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File No. 33123-023

Ms. Nancy Rice
New York State Department of Environmental Conservation
Region 8 – Division of Water
6274 East Avon-Lima Road
Avon, New York 14414

Subject: Corning Incorporated Former Fallbrook Facility
Waste Water Treatment Facility Closure-SPDES NY0003981
Tioga Avenue, City of Corning, Steuben County, New York

Dear Ms. Rice:

We are submitting this report documenting closure of the water treatment facility (WWTF) at the former Fallbrook manufacturing property. Closure of this facility has been undertaken based on the Haley & Aldrich of New York (Haley & Aldrich) Closure Work Plan dated September 2012 developed in accordance with the requirements of 6 NYCRR Part 750-2.11 and subsequent correspondence and Department approval.

We will be contacting you to schedule a final inspection so the Department can verify that influent and effluent pipes have been sealed and that all solid and residual materials related to the treatment process have been removed from the WWTF buildings. Please do not hesitate to call us if there are any questions about this report.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Jonathan D. Babcock, P.E.
Project Manager

Edward L. Hynes
Vice President

Enclosures

c: Tracy Hall, Corning Incorporated
Bob Ohl, Corning Incorporated
Mike Ford, Corning Incorporated

EXECUTIVE SUMMARY

Corning Incorporated (Corning) has permanently ceased discharge and completed physical closure of the former Fall Brook Waste Water Treatment Facility (WWTF), and is seeking termination of the existing SPDES Permit NY0003981. Influent water to the WWTF was eliminated as of 20 November 2012 via plugging and filling storm drain pipes and structures, along with removal and disposal, scrapping or recycling of obsolete equipment, waste materials and residuals associated with the WWTF leaving empty buildings that will be repurposed. The objective of this Report is to provide the information required under 6 NYCRR Part 750-2.11–Closure Requirements for Wastewater Treatment Facilities, specifically section 750-2.11(c) for permanent closure of the WWTF and termination of SPDES permit NY0003981.

The closure of the Corning WWTF was completed in accordance with the Closure Work Plan submitted to the NYSDEC and 6 NYCRR Part 750-2.11. The facility no longer exists and no inflow or outflow is can occur from the closed WWTF or its connected piping system. The work is documented in this report and included cleaning and closure of:

- Pipes, catch basins and manholes of the collection system influent to the WWTF by filling with flowable fill,
- Pipes and manholes of the treated water discharge system by filling with flowable fill.
- The Diversion Structure and Wet Well by filling with Item 4 gravel,
- The Equalization Tank and Engineering Building / Pump House by demolition,
- The Metal treatment building by emptying it of all equipment, piping and appurtenances,
- The Block treatment building by emptying it of all water treatment equipment, piping, and appurtenances, and
- The clarifiers by removal of equipment, appurtenances, the above grade structures, and filling the underground structures with Item 4 gravel.

The steps remaining to achieve termination of the SPDES permit are NYSDEC Division of Water site inspection and acceptance of this report.

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1. INTRODUCTION AND PURPOSE

Corning Incorporated (Corning) has completed physical closure of the former Fall Brook manufacturing facility Waste Water Treatment Facility (WWTF), and is seeking termination of the existing SPDES Permit NY0003981. Influent water to the WWTF was eliminated as of 20 November 2012 via plugging and filling storm drain pipes and structures. The objective of this Report is to provide the information required under 6 NYCRR Part 750-2.11–Closure Requirements for Wastewater Treatment Facilities, specifically section 750-2.11(c) for permanent closure of the WWTF and termination of SPDES permit NY0003981.

The scope of work to achieve closure of the WWTF was presented to the New York State Department of Environmental Conservation (NYSDEC) Division of Water (DOW) in the "Closure Work Plan, Former Fall Brook Waste Water Treatment Plant - SPDES NY000398, NYSDEC BCP Site No. C85103, Corning Incorporated," dated 20 September 2012 (Closure Work Plan). A memorandum dated 17 October 2012 containing supplemental information and a request to proceed with cleaning and dismantling the WWTF was also submitted to DOW. In its letter dated 23 October 2012, DOW approved Corning's request to clean and dismantle the WWTF. Copies of these documents are provided in Appendix A.

The closure work was completed in 2012 and the final off-site shipment of waste materials was made on 6 February 2013. This Report documents the work performed to close the WWTF including its influent piping system as verification that discharge activities have permanently ceased and materials associated with the WWTF and its cleaning have been removed and properly managed.

2. BACKGROUND AND SITE DESCRIPTION

Manufacturing operations of the Fall Brook plant were discontinued in 2002, and demolition of the manufacturing buildings and facilities was completed in 2007, with the exception of the WWTF and certain other structures. Corning entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC, in cooperation with the New York State Department of Health (NYSDOH), as a "participant" to investigate and, as necessary, to remediate any contaminants on the Tioga Avenue property. The goal of these actions was to facilitate the reuse and development of the site in ways that are protective of human health and the environment. The WWTF is outside the BCP site boundary, but until recently it received stormwater runoff from the BCP site.

Corning is currently redeveloping the Tioga Avenue BCP property as a passive park for access and use by the general public. Part of the construction is the closure and filling of the previous site drainage piping, manholes, and catch basins and replacing the previous system with new construction for storm drainage associated with the new park. The new storm drainage system will discharge to the City of Corning municipal stormwater system. A site plan showing the new storm drainage system was attached to the WWTF Closure Work Plan. Figures 1 and 2 of this Report show the manholes, catch basins, other structures, and connecting pipes which were closed in 2012.

2.1 Former WWTF Description and SPDES Permit Status

The main elements of the WWTF are shown on Figure 2 and include the following components:

- Diversion structure
- Wet well
- Equalization (EQ) tank
- Engineering building / pump house
- Block treatment building
- Metal treatment building, and
- Clarifiers.

Prior to 2002 this WWTF operated to treat process wastewater and stormwater from the former Fall Brook manufacturing facility; it has operated in the period since to manage stormwater associated with the site of the demolished facility, until the stormwater influent was eliminated in late 2012. Corning is requesting termination of its SPDES Permit NY0003981 for the WWTF, in accordance with the 6 NYCRR 750-2.11 requirements.

2.2 Summary of Closure Requirements

The scope of closure and necessary closure documentation are presented in 6 NYCRR Part 750-2.11 and in the Closure Work Plan Former Fall Brook Waste Water Treatment Plant, SPDES NY0003981, NYSDEC BCP Site No. C851031, Corning Incorporated, dated 9/20/12 (the Closure Work Plan).

2.2.1 6 NYCRR Part 750-2.11

According to 6 NYCRR Part 750-2.11 "Closure Requirements for Wastewater Treatment," closure of a WWTF for purposes of terminating a SPDES Permit shall conform to a number of requirements. The requirements are quoted from the regulation below. Note that the

information called for in Item (1) below was provided in the approved Closure Work Plan. Updates to the information provided in the Closure Work Plan are also noted within this report (see Sections 3 and 4). Item (2) below addresses residuals management during and following the closure work; that information is provided within this report (see Section 5, and Appendix B).

"(1) On or before 60 calendar days prior to taking the system out of service a permittee shall:

(i) Submit to the Regional water engineer the following information concerning closure activities:

(a) The date the system will cease operation;

(b) The date the influent and effluent pipes will be sealed;

(c) Plans (signed and sealed by a New York State licensed professional engineer) for final disposition of the physical facilities, including all treatment units, outfall line, and all mechanical and electrical equipment and piping;

(d) Plans (signed and sealed by a New York State licensed professional engineer) for elimination of all equipment and/or conditions that could possibly pose a safety hazard, either during or after shut-down of operations;

(e) Verification that there are no lines in the collection system which are cross connected (receiving both sanitary and storm water) or which do not contain adequate conveyance capacity.

(f) The name of the licensed individual responsible for the maintenance and operation of the wastewater pumping station and/or disposal system systems that are still to be maintained; and

(ii) Notify the Regional water engineer, in writing, concerning any deactivated lagoons or other actual or potential discharges to ground water which may exist at the site."

"(2) Proper management and/or removal of all residual materials (collected grit and screenings, scums, sand bed material, and dried or liquid sludges), as well as filter media, and all other solids from the treatment process that may remain in the abandoned treatment works is required.

(i) The permittee shall submit to the Regional water engineer proof of ownership of or contractual arrangement with an operation or operations permitted to manage all such waste materials. A contract with a hauler will only be accepted as proof of proper waste management if documentation of management at an approved site or sites is included. In addition, all necessary State or Federal permits/approvals must accompany the submission.

(ii) All residual material shall be removed within 180 calendar days after the system is taken out of service. Proof of proper residuals management shall be submitted to the Regional water engineer within 30 calendar days after their removal. The dates of removal and quantities removed shall be specified."

2.2.2 WWTF Closure Work Plan

The Closure Work Plan listed specific items to be documented during the closure work for submittal to the DOW upon completion of the work. This report describes the closure process and is supported by the following documents:

1. *Photographs and logs for piping, manhole, and catch basin closure processes, including documentation collected under the BCP process and the piping closure conducted outside the BCP boundary*. [See Appendix C].

2. *Figures indicating the final location of plugged and closed pipes, manholes and catch basins*. [See Figures 1 and 2].
3. *Waste characterization paperwork associated with the removal of all residues at the WWTP; including waste analysis, profile acceptance, and volumes of waste generated by type*. [See Appendix B].
4. *Waste disposal records including date of removal. documentation of disposal, transportation contracts, and hazardous waste manifests, if applicable. [See Appendix B]*.
5. *Photographic documentation of the WWTP demolition. [See Appendix C]*.
6. *Photographic documentation of the cleaning of the conveyance system portions transferred to World Kitchen*. [See Appendix C].

3. NARRATIVE SUMMARY OF THE WORK

This section provides an overview of the work completed, a narrative summary of the closure of the storm drain catch basins, manholes, and conveyance piping, the dates of work and key participants, and a narrative summary of the closure of the WWTF including the:

- Engineering Building / Pump House
- EQ Tank
- Diversion Structure
- Wet Well
- Metal treatment building
- Block treatment building, and
- Clarifiers.

3.1 Overview

As shown on Figure 2, the scope of the WWTF Closure included closing interconnected pipes, catch basins and manholes of the collection system influent to the WWTF by filling with flowable fill, composed of:

- 55 manholes and catch basins, and
- Approximately 4,480 feet of conveyance piping.

Equipment was removed from the following structures, the concrete bottoms broken in place and the structures were backfilled with imported Item 4 gravel:

- Diversion Structure, and
- Wet Well

The following structures were demolished:

- Engineering Building/Pump House, and
- Equalization (EQ) Tank

Closure work in the metal treatment building included:

- Removing the west exterior wall,
- Removing equipment and metal supporting structures,
- Managing residual waste materials and construction & demolition debris,
- Fracturing the depressed concrete floor slab for drainage, and
- Backfilling with compacted Item 4 gravel.

Interior improvements for future use and replacement of the exterior wall are planned for 2013.

Closure work in the block treatment building included:

- Removing equipment, piping, and metal supporting structures, and
- Managing residual waste materials and construction & demolition debris.

Interior improvements for future use are planned for 2013.

The two clarifiers located between the metal treatment building and the block treatment building were closed by:

- Removing residual water and sludge,
- Pressure washing,
- Removing the metal structures and equipment,
- Removing the east, south, and west clarifier walls to adjacent ground level,
- Cracking the concrete bottom of each clarifier, and
- Filling the clarifiers with imported Item 4 screened gravel to a few inches below the adjacent grade.

The filled area will be covered with asphalt in the second quarter of 2013.

3.2 Dates of Work and Key Participants

Work to close manholes, catch basins, and conveyance piping in the area of the site south of the existing railroad tracks took place generally between June and November 2012. Work to close manholes, catch basins, and the other structures associated with the WWTF listed in Section 4.1 took place generally between November 2012 and February 2013. Inflow to the WWTF was eliminated via plugging and filling pipes as of 20 November 2012. The last off-site shipment of waste materials from the WWTF closure work was on 6 February 2013.

The key participants in the closure work were:

Owner –	Corning Incorporated (Corning), Corning, NY
Contractor –	The OSC Group (OSC), Buffalo, NY
Cleaning subcontractor to OSC –	North American Industrial Services (NAIS), Niagara Falls, NY
Engineer –	Haley & Aldrich, Rochester, NY

On behalf of Corning, Waste Technology Services, Inc. (WTS) of Niagara Falls, NY coordinated waste material characterization, transportation and disposal.

3.3 Closure of Manholes, Catch Basins and Connecting Pipes

The manholes, catch basins and connecting pipes were closed according to the Closure Work Plan submitted to the NYSDEC Division of Water and the NYSDEC-approved Site Management Plan (SMP) for the Tioga Avenue Brownfield Site which was prepared under the NYS Brownfield Cleanup Program (BCP). Storm drain pipes, manholes and catch basins were closed by filling with flowable fill. The work was completed from June through November 2012. Table I presents a list of the pipes, catch basins, manholes and other structures which were closed. They also are shown on Figures 1 and 2.

The catch basins and interconnected pipes on the BCP site were flushed and cleaned and contents removed and disposed offsite at the final stage of the Fall Brook manufacturing plant demolition project. Under the SMP, during the current project, on the site south of the railroad tracks (the BCP site), prior to the closure of a selected storm drain pipe, the Contractor removed the covers to the upgradient and downgradient manholes to observe the interior conditions. In cases where there was residual sediment in the manhole, the material was either removed manually by the Contractor and/or mechanically with the use of a vacuum truck. The removed sediment was placed in a temporary stockpile on site within a gravel berm lined with plastic sheeting for characterization prior to disposal. See Section 5 for a description of the management of waste and residuals from the closure work.

Flowable fill was transported to the site in a concrete truck. Typically, the flowable fill was comprised of approximately 16% Portland cement, 63% sand, and 21% water plus air entrainment and water reducing additives having a 28 day compressive strength between 500 psi and 750 psi. The truck driver/operator would position the truck next to the manhole to be closed. The driver and the Contractor's superintendent would confirm the slump of the flowable fill to be satisfactory. If necessary, potable water was added to the mixture to increase the flowable properties of the material. The delivery chute was positioned into the open manhole and the flowable fill was delivered into the storm drain line to be abandoned, as shown on Photographs 1 and 2. All photographs for this report are provided in Appendix C. As this process continued, a worker was positioned at the downgradient manhole to observe the flowable fill exit the line being filled.

Once flow to the downgradient manhole was observed, placement continued until the level of the fill in the manhole was a minimum of 1-2 ft. from grade. Photographs 3, 4, and 5 show typical cases of flowable fill entering a structure from an inlet pipe. In cases where fill was not observed at the downgradient manhole, fill was placed to grade to increase hydraulic head and advance flow into the line. Once settlement of the flowable fill in the upgradient manhole was complete, the downgradient manhole was filled to within 1-2 ft. from grade. This amount of flowable submerged all of the pipes entering or exiting the manhole. The manhole covers were then replaced and the levels of the flowable fill were checked the following day to confirm no additional flowable fill settlement had occurred. Observation of no settlement of the flowable fill in manholes at either end of the pipe confirmed the pipes were full because they accepted no additional flowable fill.

Manholes and catch basins were monitored for debris and/or sediment which might have been pushed out of the pipe during the filling process. During the filling process, only clear water was observed to be pushed ahead of the flowable fill. No debris or sediment was observed coming out the pipes.

At selected locations, including most of the pipe closure north of the railroad tracks, a concrete pump was used to facilitate the filling of pipes. A typical set up of the concrete pump, truck and crew is shown in Photograph 6. The flowable fill was pumped into the pipe generally at the upstream structure through a temporary pipe plug. The temporary plug was used to prevent backflow of the pumped flowable fill into the structure. Photographs 7 and 8 show typical pipe plugs and flowable fill pump discharge piping.

Prior to filling storm drain pipes, manholes, and catch basins north of the railroad tracks with flowable fill, they were cleaned by North American Industrial Services (NAIS) using conventional sewer cleaning equipment. Photograph 9 shows a typical setup including the support truck, crew, water jet lines and vacuum equipment. Pipe cleaning water was recovered via vacuum and stored in frac tanks on site for characterization and off-site disposal, as described in Section 5.

3.4 Buildings and Other Structures

3.4.1 Wet Well and Diversion Structure

After disconnecting electric feeds to the pumps, the Contractor removed pumps, piping and equipment from the Wet Well Between 28 November and 12 December 2012. See photographs 10 and 11. Water remaining in the Wet Well was transferred via temporary pump to a frac tank for subsequent off-site disposal. Sludge from the Wet Well was removed and stored temporarily in on-site sludge boxes prior to disposal off site. The top of the concrete Wet Well was demolished and processed for fill material to be used at the bottom of the Wet Well. See Photograph 12. Prior to being filled with Item 4 gravel, NAIS pressure washed the Wet Well and Diversion Structure, as depicted on Photographs 13 and 14. Cleaning water was collected in on-site frac tanks for characterization prior to off-site disposal. See Section 5 for a description of the management of residuals from the closure work, including salvaged steel, pumps, and hatches.

After cleaning, the floors of the Wet Well and Diversion structure were fractured for drainage and then rubble from the Wet Well cover was placed at the bottom of the Wet Well. The Wet Well and diversion structure were backfilled to grade with Item 4 gravel which was placed in lifts and compacted, as shown in Photographs 15, 16, and 17. The Item 4 gravel came from the NYSDEC-permitted Gang Mills pit in Erwin, NY and it was tested by ESC Lab Sciences of Mt. Juliet, TN, a NYSDOH ELAP certified laboratory. The test results demonstrated that the Item 4 gravel quality satisfied NYSDEC Part 375 soil cleanup objectives for residential use; the laboratory report is contained in Appendix D.

3.4.2 Equalization Tank and Engineering Building/Pump House

Between 1 and 5 November 2012, OSC removed the steel tank and shipped the material to be recycled at Swarthout in Beaver Dams, NY (see also Section 5). The concrete tank pad was then fractured to promote drainage over the winter months and the footprint was encircled with orange fencing to prevent site workers from entering the excavation area. No utilities are present in this area. Demolition work on the EQ tank is shown in Photographs 18 and 19.

Electric power to the Engineering Building/Pump House from the substation located to the northwest and also from the building to the Wet Well pumps was disconnected. Between 12 and 13 November 2012, OSC removed all the equipment and appurtenances from the building and razed the structure, as shown on Photographs 20 and 21. No other utilities fed the building and none were left behind as the structure was taken to slab on grade. The concrete slab remains and will be remove during site restoration activities slated for early spring 2013. See Section 5 for a description of the management of residuals from the closure work.

3.4.3 Metal Treatment Building

Electrical disconnects and lockout / tagout procedures were completed and remain in place for various receptacles and light fixtures. The gas line feed to the heater was shut off from within the Block building and then was completely removed. The only remaining utility to this building is electric power which is fed from the existing adjacent World Kitchen facility. Prior to demolition activities, the Lamella structure was drained and cleaned using a pressure washer. The cut-up Lamella structure is shown on Photograph 22. Between 11/7/12 and 11/16/12, the

Contractor completed the interior strip out of this building. The lower level (depressed) concrete floor slab was fractured for drainage and backfilled with compacted Item-4 gravel, as shown on Photograph 23.

3.4.4 Block Treatment Building

Prior to demolition, electrical disconnects and lockout / tagout procedures were completed. Between 13 December 2012 and 4 January 2013, the Contractor completed removal of equipment and piping from the interior of the Block building. Photograph 24 shows a section of the building where equipment removal was completed. Miscellaneous wastes recovered through the dismantling of equipment were packaged in 55 gallon drums or boxed, as shown in Photograph 25. The sump pit in the basement was cleaned and the sump pit, remaining walls and floor were pressure washed. The Contractor and Corning identified utilities such as electric, gas and water, as well as HVAC equipment and ductwork which were left intact for later use.

3.4.5 Clarifiers

Water quality test results and the proposed procedure for dewatering the Clarifiers were submitted to the DOW in Haley & Aldrich's letter dated 31 October 2012. The DOW approved discharge of this Clarifier according to the proposed procedures in its letter dated 1 November 2012. Copies of those documents are provided in Appendix A.

Between 5 and 20 November 2012, per the approved procedure, the Contractor dewatered the Clarifiers through a series of 50 and 25 micron bag filters and discharged the water to RMH-24, which is connected to Outfall 003 via RMH-23, RMH-18, and the vault under the Lagoon Hut, as shown on Figure 2. This was the normal path for treated water to be discharged from the WWTF when it was operating. Photograph 26 shows the filter configuration. NAIS completed the removal of residual sediment (also referred to as sludge in this report) from the Clarifiers utilizing a vacuum truck to fill 5,000 gallon containers. Photograph 27 shows sludge being removed from the interior of the Clarifiers and Photograph 28 shows the sludge box setup. The concrete walls, floor and steel baffle structure were cleaned using a pressure washer as shown on photographs 29, 30, and 31. Cleaning water was collected in on-site frac tanks for characterization prior to off-site disposal. See Section 5 for a description of the management of residuals from the closure work.

Piping and various utilities used by World Kitchen spanning the Clarifiers overhead were realigned and supported by World Kitchen. The electric feed to the pump motor for the Clarifiers was disconnected. With the exception of the utilities relocated by World Kitchen, no utilities remained as this structure was completely removed. Between 3 and 7 December 2012, the Contractor demolished the Clarifier structures. Steel was removed as shown in Photograph 32 and recycled. Concrete walls were removed to a depth of two feet below surrounding grade and processed for fill material to be used at the bottom of the Clarifier. After cleaning, the floor of the Clarifier was fractured as shown on Photograph 33 and the remaining pit was backfilled using compacted item-4 gravel, as shown on Photograph 34. As previously stated, the item 4 gravel quality satisfied NYSDEC Part 375 soil cleanup objectives for residential use.

4. POST-CLOSURE CONDITION OF THE WWTF

As described in Section 3, The WWTF is closed and is no longer capable of accepting or discharging water. The only remaining parts of the WWTF are the Metal (northern) treatment building and the Block (southern) treatment building. With the exception of an electric power feed from the World Kitchen facility which has been shut off, the Metal building has no utilities remaining. The Block building utilities (electric power, gas, water) have been shut off. Neither building contains any equipment, residual materials, or infrastructure related to wastewater treatment. Lights, electric power, and heating, ventilating and air conditioning equipment remain in the Block building. These buildings have been retained for future use.

The following structures no longer exist:

- Diversion Structure
- Wet Well
- EQ Tank
- Engineering Building / Pump House, and
- Clarifiers.

There can be no inflow to or outflow from the WWTF because the inflow pipes and treated water discharge pipes have been closed by filling with flowable fill. The following World Kitchen catch basins and associated pipes remain open, but no longer can discharge to the WWTF:

- RCB-19, RCB-20, and RCB-22 and the pipes that connect them to each other and remain open for use by World Kitchen in its storm drainage system. These are no longer connected to the Corning WWTF system because the connecting pipes have been filled with flowable fill, as shown on Figure 2. We have been informed that World Kitchen will be connecting RCB-20 to its existing treatment lagoon in 2013.

- WK-CB-29, WK-CB-30 and the pipe that connects them remain open for use by World Kitchen in its storm drainage system. These are no longer connected to the Corning WWTF system because the pipe between WK-CB-29 and the tee connection just south of RMH-15A has been filled with flowable fill, as shown on Figure 2. We have been informed that these pipes will re-rerouted by World Kitchen as part of its storm drainage system.

5. WASTE AND RESIDUALS MANAGEMENT

As discussed in Section 3, several types of waste materials and residuals were generated during the closure of the WWTF. The management of these materials is descried in the following sections of this report. On behalf of Corning, Waste Technology Services, Inc. (WTS) of Niagara Falls, NY coordinated waste material characterization, transportation and disposal. Table II presents a summary of the material types, quantities, and disposal facility where the materials were sent. Details listing each load of material that left the site, the transporter, the quantity and the destination are provided in Appendix B. Hazardous Waste manifests, non-hazardous waste bills of lading, and disposal facility receipt records are also provided in Appendix B.

5.1 Construction & Demolition (C&D) Debris

Construction and demolition debris was loaded into roll-off containers. C&D debris was profiled in accordance with the requirement of the Steuben County Landfill. A copy of the waste profile is provided in Appendix B. The C&D debris was primarily from demolition of the Engineering Building/ Pump House and from emptying the contents of the Metal and Block buildings. The C&D debris was typically brick, concrete, wood, drywall, roofing, plumbing fixtures, electrical wiring and components, pipes, and metals. The material was transported by Doug Gross Construction, Inc. of Painted Post, NY to the Steuben County Landfill, except for one load which was transported by Ricelli Trucking of Syracuse, NY. A total of 69.01 tons of C&D debris was generated and disposed.

5.2 Clarifier Sludge

As described in Section 3, the Clarifier sludge was pumped out of the Clarifiers into sludge boxes provided by the Hazmat Environmental Group (HEG) of Buffalo, NY. The sludge was characterized as non-hazardous and profiled for disposal by WTS. A copy of the waste profile is provided in Appendix B. HEG transported the non-hazardous sludge to EQ Detroit of Detroit MI. As shown on Table II, a total of 146 tons of Clarifier sludge was generated and disposed.

5.3 Wet Well Sludge

Sludge from the Wet Well was pumped into sludge boxes provided by the Hazmat Environmental Group (HEG) of Buffalo, NY. As shown in Table II, the sludge was characterized and profiled for disposal by WTS. HEG transported 8.6 tons of hazardous Wet Well sludge to Envirite of Ohio in Canton, OH.

5.4 Wet Well and Line Cleaning Water

Prior to sludge removal, remaining water in the Wet Well was pumped into frac tanks prior to transport and disposal off-site. As described in Section 3, pipe and structure cleaning water was collected and stored in frac tanks. The water was characterized as non-hazardous and profiled for disposal by WTS. M&T Trucking of Pavilion, NY transported 24,119 gals of non-hazardous waste water to the Kodak wastewater treatment facility in Rochester, NY.

5.5 WWTF Residuals and Miscellaneous Waste

As described in Section 3, un-used chemicals, residual materials contained in tanks and filters, and miscellaneous wastes generated during the removal of equipment, piping, and related infrastructure from the Metal treatment building and Block treatment building were placed in containers and stored inside the block building for waste profiling prior to disposal. Photograph 25 shows cardboard boxes containing miscellaneous materials stored on pallets in the Block building. These wastes were profiled for disposal by WTS. The wastes were removed from the site on 29 January and 6 February 2013. As shown on Table II, WTS transported 0.622 tons of non-hazardous waste to EQ Detroit of Detroit, MI, 5.2 tons of hazardous waste to Envirite of Ohio in Canton, OH, and 2.4 tons of hazardous Waste to EQ Detroit of Detroit, MI.

5.6 Metals Recycling

As described in Section 3, recyclable metals were salvaged and stored in roll-off containers on site. The metal was salvaged from the EQ tank, Lamella unit, the Clarifier superstructure and other metal supports and pipes which were removed from the WWTF. Swarthout Recycling, LLC transported 48.74 tons of recyclable metals to its recycling facility in Beaver Dams, NY.

6. SUMMARY

Corning Incorporated (Corning) has completed physical closure of the Fall Brook Waste Water Treatment Facility (WWTF), and is seeking termination of the existing SPDES Permit NY0003981. The closure of the Corning WWTF was completed in accordance with the Closure Work Plan submitted to the NYSDEC and 6 NYCRR Part 750-2.11. The facility no longer exists.. The work is documented in this report and included cleaning and closure of:

- Pipes, catch basins and manholes of the collection system influent to the WWTF by filling with flowable fill,
- Pipes and manholes of the treated water discharge system by filling with flowable fill.
- The Diversion Structure and Wet Well by filling with Item 4 gravel,
- The Equalization Tank and Engineering Building / Pump House by demolition,
- The Metal treatment building by emptying it of all equipment, piping and appurtenances,
- The Block treatment building by emptying it of all water treatment equipment, piping, and appurtenances, and
- The clarifiers by removal of equipment, appurtenances, the above grade structures, and filling the underground structures with Item 4 gravel.

This report documents the permanent termination of influent wastewater and/or stormwater to the WWTF and the demolition and closure of former WWTF structures. Based on our observation of the work while it was performed and our review of the documentation provided in this report, Haley & Aldrich concludes that contamination of ground or surface water did not occur during the act of closing the WWTF and would not occur as a result of continuing discharge of pollutants into or through equipment; or through leaking, leaching, or discharge of pollutants from wastewater or residuals remaining in disposal systems which have been removed from use but remain on site.

Corning believes that it has met the 6 NYCRR Part 750-2.11 closure requirements and requests termination of its SPDES permit.

REFERENCES

1. Letter to NYSDEC Division of Water, Closure of Stormwater Conveyance Facilities, Haley & Aldrich, 5/23/12.

2. Closure Work Plan, Former Fallbrook Waste Water Treatment Plant, SPDES NY0003981, NYSDEC BCP Site No. C851031, Haley & Aldrich, 9/20/12

3. Memorandum to NYSDEC Division of Water, Clarification Request, Closure Work Plan - Former Fallbrook WWTP, Haley & Aldrich, 10/17/12.

4. Letter to Haley & Aldrich, Former Fallbrook Closure Plan, SPDES Permit NY-0003981, NYSDEC Division of Water, 10/23/12.

5. Letter to Corning Incorporated, Former Fallbrook Closure Plan, SPDES Permit NY-0003981, NYSDEC Division of Water. 10/30/12.

6. Letter to NYSDEC Division of Water, Discharge of Water from the Corning Wastewater Treatment Facility SPDES No. NY0003981, Haley & Aldrich, 10/31/12.

7. Letter to Haley & Aldrich, Corning Fallbrook Wastewater Treatment Facility Closure Activities, SPDES Permit NY-0003981, NYSDEC Division of Water, 11/1/12.

8. Letter to NYSDEC Division of Water, Former Fallbrook Closure Plan, SPDES No. NY0003981, Haley & Aldrich, 11/13/12; Response to 10/3012 and 11/1/12 DOW letters.

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Table I. Closed Pipes and Structures

LIST NUMBER	PIPES and STRUCTURES		STATUS
	FROM	TO	
1	RCB-2	RCB-1	Filled with flowable fill 7/2/12.
2	RCB-2	RMH-3	Filled with flowable fill on 7/2/12.
3	RCB-3A	RMH-3B	Filled with flowable fill on 7/2/12.
4	RMH-3B	MH-B	Filled with flowable fill on 7/2/12.
5	RCB-5	RMH-4	Filled with flowable fill on 7/5/12.
6	RCB-6	RCB-5	15" pipe in RCB 5 plugged with brick and mortar on 7/5/12. Filled with flowable fill on 11/21/12.
7	RCB-10	Covered Manhole	Filled with flowable fill on 7/3/12.
8	RCB-10	RCB-11A	Filled with flowable fill on 7/3/12.
9	RCB-10	RCB-8	Filled with flowable fill on 7/3/12.
10	RCB-11B	RCB-12	Filled with flowable fill 10/1/12.
11	RCB-11B	Covered Manhole	Filled with flowable fill on 10/1/12
12	RCB-11B	RCB-13	RCB-13 completely removed 6/30/12. RCB-11B filled with flowable fill on 10/1/12.
13	RCB-11B	RMH-14	Filled with flowable fill on 10/1/12.
14	RCB-12	Drain Grate	Drain grate misidentified on plans- actually an electric power manhole not connected to storm system. See Line No. 8.
15	RCB-20	RCB-22	RCB-22 and pipe to RCB-20 left open. RCB-20 connected to World Kitchen treatment lagoon via new pipe.
16	RMH-4	RCB-4A	Filled with flowable fill on 7/3/12.
17	RMH-4	RCB-2	Filled with flowable fill on 7/3/12.
18	RMH-15 (diversion structure)	RMH-15A	Filled with flowable fill on 11/27/12.
19	RMH-15 (diversion structure)	Wet Well	Filled with flowable fill on 11/27/12.
20	RMH-15A	Covered Manhole	Filled with flowable fill on 11/21/12.
21	RMH-15A	RCB-6	Filled with flowable fill on 11/21/12.
22	RMH-16	RMH-15	Filled with flowable fill on 11/27/12.
23	RMH-17	Wet Well	Filled with Flowable fill on 11/27/12.
24	RMH-18	RMH16	Filled with flowable fill on 11/27/12.
25	RMH-18	RMH-21	Filled with flowable fill on 11/27/12.
26	RMH-18	Equalization Tank	Filled with flowable fill on 11/29/12.
27	RMH-18A	RMH-17	Filled with flowable fill on 11/27/12.
28	RMH-18A	RCB-20	Filled with flowable fill on 11/27/12.

LIST NUMBER	PIPES and STRUCTURES		STATUS
	FROM	TO	
29	RMH-21	RMH-23	Filled with flowable fill on 11/27/12.
30	RMH-23	RMH-24	Filled with flowable fill on 11/27/12.
31	RMH-24	WWTP	Filled with flowable filled on 11/27/12.
32	Wet Well	Equalization Tank	Filled with flowable fill on 11/29/12.
33	Wet Well	WWTP	Filled with flowable fill on 11/29/12.
34	WWTP	RCB-22	Filled with flowable fill on 11/27/12.
35	Covered MH	RCB-11B	Filled with flowable fill on 10/01/12
36	EQ Pump House	WWTP	Filled with flowable fill on 11/29/12.
37	Equalization Tank	Wet Well	Filled with flowable fill on 11/29/12.
38	Equalization Tank	RMH-18	Filled with flowable fill on 11/29/12.
39	Equalization Tank	Engineering Building / Pump House	Filled with flowable fill on 11/29/12.
40	Outfall 003	Gate Valve No. 9	Open
41	Gate Valve No. 9	Lagoon Hut	Open
42	Lagoon Hut	RMH-18	Filled with flowable fill 11/29/12.
43	Grated Structure	Lagoon Hut	Plugged at both ends, filled w/flowable fill 11/21/12.
44	B-CB-2	Covered Manhole	Filled with flowable fill on 6/29/12. Covered manhole not found.
45	B-CB-2	B-CB-3	Filled with flowable fill on 6/29/12.
46	B-CB-3	B-CB-5	Filled with flowable fill on 6/29/12.
47	B-CB-4	B-CB-5	Filled with flowable fill on 6/29/12.
48	B-CB-4	B-CB-2	Filled with flowable fill on 6/29/12.
49	B-CB-5	B-CB-6	Filled with flowable fill on 6/29/12.
50	B-CB-6	B-CB-6A	Filled with flowable fill on 6/29/12.
51	B-CB-6	B-CB-7	Filled with flowable fill on 6/29/12.
52	B-CB-7	B-CB-8	B-CB-7 filled with flowable fill and pipe plugged on 6/29/12, B-CB-8 completely removed 7/3/12. Pipe from B-CB-8 to B-CB-7 removed by excavation.
53	B-CB-7	B-CB-9	Filled with flowable fill on 6/29/12.
54	B-CB-9	B-CB-10	Filled with flowable fill on 6/29/12.
55	B-CB-10	B-CB-11	Filled with flowable fill on 7/2/12.
56	B-CB-11	RCB-1	Filled with flowable fill on 7/2/12.
57	B-CB-7A	End	Filled with flowable fill on 6/29/12.
58	MH-I	MH-J	Filled with flowable fill on 7/2/12.
59	MH-J	B-1	Filled with flowable fill on 7/2/12.

Table I. Closed Pipes and Structures

LIST NUMBER	PIPES and STRUCTURES		STATUS
	FROM	TO	
60	B-1	B-1A	Filled with flowable fill on 7/2/12.
61	B-1	Covered Manhole	Filled B-1 with flowable fill on 7/2/12. Covered Manhole not found.
62	MH-C	RMH-3	Filled with flowable fill on 7/2/12.
63	RCB-8	MH-E	Filled with flowable fill on 7/3/12.
64	RCB-11B	Covered Manhole	Pipe filled with flowable fill 10/1/12. WK-CB-29 left open.
65	WK-CB-29	Tee connection south of RMH-15A	Filled with flowable fill on 11/21/12.
66	Drain with rim at 927.70		Filled with flowable fill on 7/2/12.
67	Drain MH south of RCB-11B		Filled with flowable fill on 10/1/12.
68	Drain Removed south of RMH-		Removed by excavation.
69	MH-F		Removed by excavation.
70	MH-G		Filled with flowable fill on 7/2/12.
71	RCB-7		Filled with flowable fill on 7/3/12.
72	RMH-35		Filled with flowable fill on 10/1/12.
73	B-CB-7A		Filled with flowable fill on 6/29/12.

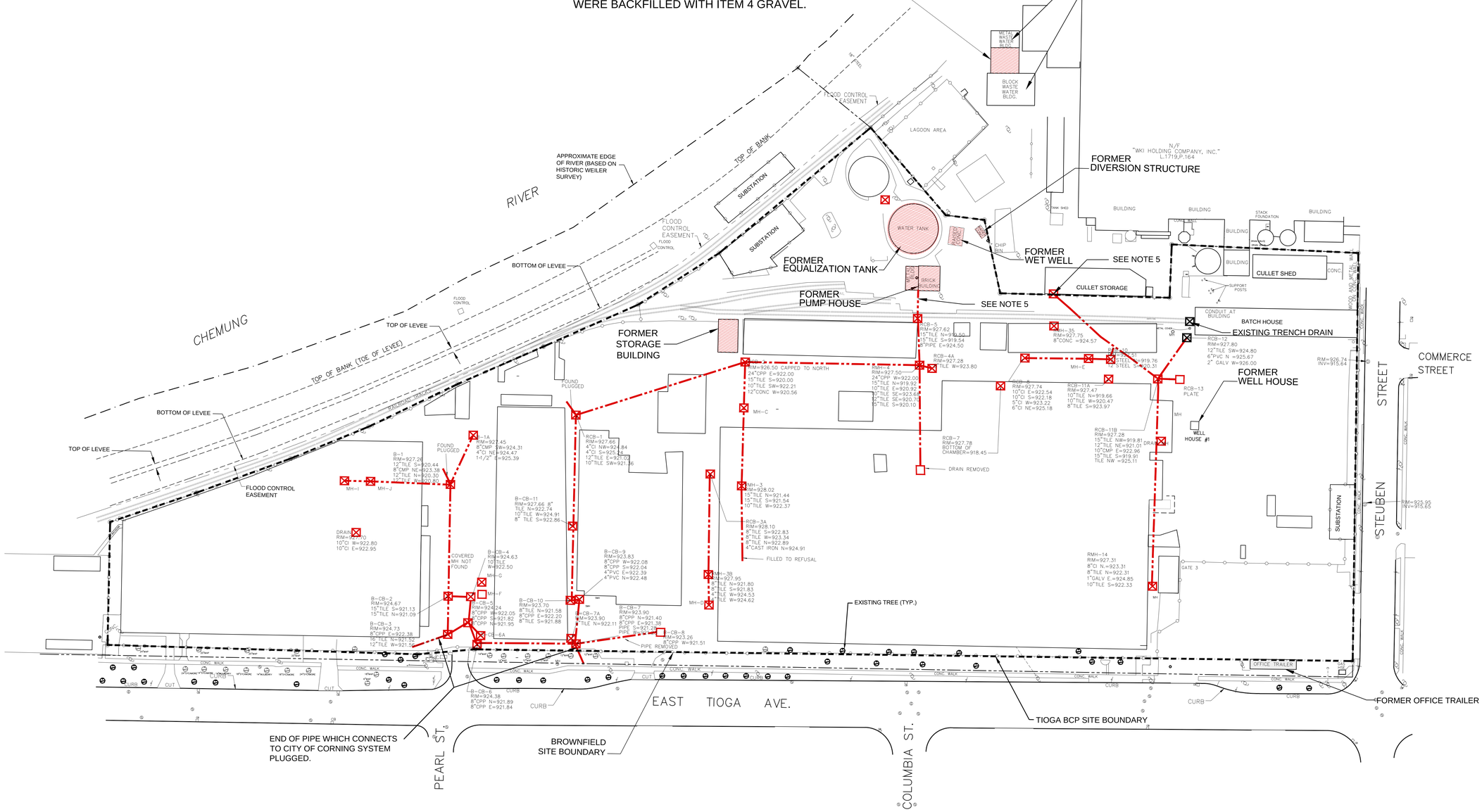
The following structures were closed per the description in Section 3 of this report.: RMH-15 (Diversion Structurre), Wet Well, EQ Tank, Engineering Building / Pump House, and WWTP.

Table II. Summary of Materials Types, Quantities, and Destination

Waste Type	Description	Disposal Facility	Total Quantity (Ton)	Total Quantity (Gal)
Hazardous	Wet well sludge	Envirite Canton, OH	8.6	
	Sludge,sweepings, culligan solids	Envirite Canton, OH	5.20	
	Brown tank contents	EQ Detroit Detroit, MI	1.5	
	Sludge, sweepings, culligan solids	EQ Detroit Detroit, MI	0.9	
Non Hazardous	Liquid	Kodak Eastman Business Park Rochester, NY		24,119
	Clarifier Sludge	EQ Detroit Detroit, MI	146	
	Chargepac coagulant	EQ Detroit Detroit, MI	0.5	
	Amerfloc polymer	EQ Detroit Detroit, MI	0.05	
	Drewplus foam control	EQ Detroit Detroit, MI	0.03	
	Mobil SHC 629	EQ Detroit Detroit, MI	0.019	
	Acheson JH 71405	EQ Detroit Detroit, MI	0.023	
	Construction & Demolition Debris	Steuben County Landfill Bath, NY	69.01	
Recycled Metals	Metal salvaged from demolition	Swarthout's Recycling Facility	48.74	

CLARIFIERS WERE DRAINED, CLEANED, AND RESIDUALS REMOVED, CONCRETE BOTTOMS WERE BROKEN, CLARIFIER WALLS WERE DEMOLISHED TO BELOW EXISTING GROUND SURFACE. CLARIFIERS WERE BACKFILLED WITH ITEM 4 GRAVEL.

EQUIPMENT AND WASTE MATERIALS HAVE BEEN REMOVED FROM THE WASTEWATER TREATMENT BUILDINGS. ALSO SEE NOTE 3 BELOW.



LEGEND:

- BROWNFIELD SITE BOUNDARY
- PROPERTY LINE
- FENCE
- STORM DRAIN LINES CLOSED IN-PLACE
- MANHOLES, CATCH BASINS, STORM DRAIN STRUCTURES CLOSED IN-PLACE
- MANHOLES AND CATCH BASINS REMOVED
- EXISTING CATCH BASIN OR TRENCH DRAIN
- STRUCTURE DEMOLISHED
- OUTLINES OF BUILDINGS DEMOLISHED IN 2007

DRAWING NOTES:

1. BASE MAP INFORMATION
   BASE MAPPING PROVIDED BY SURVEY MAP ENTITLED "CORNING PROPERTY MANAGEMENT CORP, (FALLBROOK PLANT), CITY OF CORNING, STEUBEN 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.
2. FOR ADDITIONAL INFORMATION AND DETAILS REGARDING PIPES AND STRUCTURES WHICH ARE NOW CLOSED OR DEMOLISHED REFER TO "CORNING INCORPORATED WWTF CLOSURE REPORT, SPDES PERMIT NY0003981, CORNING, NY", FEBRUARY 2013.
3. ELECTRICAL POWER, WATER AND NATURAL GAS UTILITIES ARE CONNECTED TO THE BLOCK BUILDING. ONLY ELECTRICAL POWER IS CONNECTED TO THE METAL BUILDING.
4. LOCKOUT/TAGOUT PROCEDURES WERE IN PLACE AT THE METAL BUILDING AND BLOCK BUILDING AT THE TIME THIS DRAWING WAS PREPARED.
5. SEE FIGURE 2 FOR CLOSURE OF CATCH BASINS, MANHOLES, PIPES, AND OTHER STRUCTURES NORTH OF THE RAILROAD TRACKS.

N E S W

0 50 100 150 200
SCALE IN FEET

HALEY & ALDRICH

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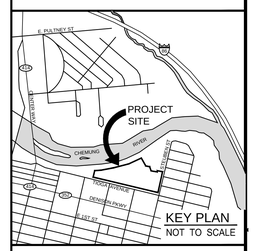
200 Town Centre Drive
Suite 2
Rochester, NY 14623-4264
585.359.9000
585.359.4650
HaleyAldrich.com



Project No.:	33123-023
Scale:	AS SHOWN
Date:	FEBRUARY, 2013
Autocad File:	
Drawn By:	KRH
Designed By:	KRH
Checked By:	JDB
Approved By:	JDB
Stamp:	

Rev.	Description	By	Date
0	FOR REPORT	HA	2/22/13

CLOSURE OF CORNING INCORPORATED WASTEWATER TREATMENT FACILITY
TIOGA AVENUE
CORNING, NEW YORK

POST-PROJECT SITE MAP
SHOWING CLOSED-IN-PLACE
STRUCTURES AND PIPES
SOUTH OF RAILROAD TRACKS

Sheet: 1 OF 1 | Issue: 1

FIGURE 1

G:\PROJECTS\33123\019 FINAL DESIGN\CAD\WWTF CLOSURE FIGURES\33123-019-TIOGA AVE PARK DEVELOPMENT PLAN_CONSTRUCTION DRAWINGS_F.DWG

FORMER CLARIFIERS

CATCH BASIN RCB-20 HAS A NEW CONNECTION TO THE WORLD KITCHEN, LLC ON-SITE STORM DRAIN SYSTEM

PIPE AND CATCH BASINS TO REMAIN FOR USE BY WORLD KITCHEN, LLC

NOTE: LAGOON HUT IS MOUNTED ON A VAULT WHICH CONTAINS THE PIPE.

FORMER EQUALIZATION TANK

FORMER ENGINEERING BUILDING/ PUMP HOUSE

FORMER DIVERSION STRUCTURE

FORMER WET WELL

EXISTING TRENCH DRAIN

CATCH BASIN RCB-12 WAS CONNECTED VIA A NEW PIPELINE PARALLEL TO THE BATCH HOUSE TO A NEW CATCH BASIN ON SITE. THE NEW CATCH BASIN DRAINS TO THE EXISTING STORM DRAIN ON STEUBEN STREET.

SEE FIGURE 1 FOR CLOSURE OF PIPES AND MANHOLES NOT SHOWN ON FIGURE 2

LEGEND:

- PROPERTY BOUNDARY
- BUILDING
- FENCE
- RAILROAD
- PIPES AND STRUCTURES TO REMAIN
- PIPES AND STRUCTURES ABANDONED IN PLACE - FILLED WITH FLOWABLE FILL
- DEMOLISHED STRUCTURES
- PIPE OR STRUCTURE TO BE CLOSED IN THE FUTURE
- RMH-4 MAN HOLE
- RCB-5 CATCH BASIN
- CB INV 918.7 CATCH BASIN
- POLE
- GRAVITY PIPE
- PRESSURE PIPE (FORCE MAIN)

REV. 2/21/13

HALEY & ALDRICH

CORNING INCORPORATED
CORNING PROPERTY MANAGEMENT CORPORATION
TIOGA AVENUE
CORNING, NEW YORK

POST-PROJECT SITE MAP SHOWING CLOSED-IN-PLACE STRUCTURES AND PIPES NORTH OF RAILROAD TRACKS

SCALE: AS SHOWN
FEBRUARY 2013

FIGURE 2

N W E S

0 20 40 60 80
SCALE IN FEET

T:\PROJECTS\33123\023 WWTP CLOSURE\33123-023 CONTRACTOR SCOPE OF WORK R2.DWG

APPENDIX A

Correspondence

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623

Tel: 585.359.9000
Fax: 585.359.4650
HaleyAldrich.com

23 May 2012
File No. 33123-019

Ms. Nancy J. Rice
New York State Department of Environmental Conservation - Region 8
Division of Water
6274 East Avon-Lima Road
Avon, New York 14414

Subject: Former Fallbrook Plant Restoration Project
BCP Site No.: C851031
SPDES No. NY-0003981
Corning (C), Steuben County

Dear Ms. Rice:

This letter responds to your May 14, 2012 telephone conversation with Mike Ford of Corning Incorporated to provide additional information regarding closure of stormwater conveyance facilities during the above project. The restoration project will begin soon involving conversion of the existing Site condition which is essentially comprised of concrete floor slabs, asphalt and other surfaces as remaining from past development to green space for a new public park. The work will be conducted based on the Site Management Plan (SMP) and Stormwater Pollution Prevention Plan (Stormwater Plan) attached thereto as these documents have been approved by the Division of Environmental Remediation and Division of Water.

As indicated in these Plans and our prior communications with the Department, we plan to continue to operate the existing above referenced SPDES permitted WWTF for treatment of Site stormwater during the construction project consistent with the SPDES permit requirements as supplemented by the Stormwater Plan. The WWTF will be closed and the SPDES permit terminated after the project is completed, a new Site stormwater conveyance system is constructed and Site stormwater is redirected to the municipal system in late 2012 or during the 2013 construction season. Closure of this WWTF will be conducted in accordance with §750-2.11 Closure Requirements for Wastewater Treatment Facilities including the necessary PE-certified plans, and coordinated through the Division of Water.

As described in the Stormwater Plan, specific existing stormwater drains, catch basins and manholes will be used for conveyance of Site stormwater to the WWTF during construction and others will not be used. We are attaching herewith the following details on use and closure of stormwater conveyances that will occur during the park construction project:

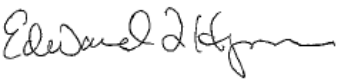
- Construction Drawing C-9, showing locations of specific catch basins on the Site that will be protected and used for conveyance of Site stormwater to the Site WWTF during construction and until replaced by the new Site stormwater system.
- Construction Drawing C-2, showing locations of the catch basis, manholes and drains that will not be used for management of stormwater during the construction project and that will be closed and abandoned during the construction project.

- Construction Specification 3.02-Demolition, providing a description of procedures to be implemented for abandonment of in-ground features including catch basins, manholes and pipes connected to the WWTF and that will all be closed with flowable fill.

Any materials generated during the closure of these facilities as identified above will be handled and disposed at properly licensed offsite disposal facilities in accordance with the SMP. Documentation of these activities will be provided to the Division of Environmental Remediation in a Periodic Review Report required by the SMP. When completed, a figure showing locations of closed stormwater conveyances will also be provided to the Division of Water.

Please let us know if this information if there are any questions regarding this submittal.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



Edward L. Hynes
Vice President

Attachments: Drawings C-2 and C-9
Excerpt from Demolition Specification 3-02

c: Tim Schneider
Tracy Hall
Mike Ford

G:\Projects\33123\019 Final Design\SMP Notification\NYSDEC Response_Information Requests\letter_Dow.c851031.2012-05-23.docx

Dig Safely. New York — Call 811 before you dig

Well No.	Well Elevations (ft) Ground Surface	Depth of Well	Bottom of Well	PVC Riser and Screen Interval Approximate Elevation (ft)	Length of Screen (ft)	Top of Riser	Length of Riser (ft)
B129 MW	926.95	29	897.95	908.0 - 898.0	10.0	929.31	21.36
B143 MW	928.89	28	900.89	910.9 - 900.9	10.0	928.43	17.54
B144 MW	927.88	28	899.88	909.9 - 899.9	10.0	927.40	17.52
B145 MW	927.15	28	899.15	909.2 - 899.2	10.0	926.66	17.51
B146 MW	924.21	26	898.21	908.2 - 898.2	10.0	923.78	15.57
B147 MW	927.19	26	901.19	911.2 - 901.2	10.0	923.72	12.53
B246 MW	927.85	30.5	897.35	907.5 - 897.5	10.0	927.46	20.01
B247 MW	927.92	70.5	857.42	867.7 - 857.7	10.0	927.33	59.61
B248 MW	924.98	70	854.98	866.1 - 856.1	10.0	924.64	58.56
B249 MW	928.73	70	858.73	868.9 - 858.9	10.0	928.37	59.44
B250 MW	928.02	28	900.02	910.3 - 900.3	10.0	927.56	17.24
B251 MW	928.79	28	900.79	911.1 - 901.1	10.0	928.48	17.39
B252 MW	927.74	28	899.74	909.9 - 899.9	10.0	927.27	17.33

All PVC well screens and risers are 2 inch diameter.

REMOVE RCB-5 AND PLUG INFLOW AND OUTFLOW PIPES

STORM INLET TO BE ABANDONDED IN PLACE. PLUG INFLOW AND OUTFLOW PIPES. THIS WORK TO BE DONE PRIOR TO ANY OTHER WORK NORTH OF THE RAIL ROAD TRACKS.

INSTALLATION OF STORM DRAIN UNDER THE RAILROAD TRACKS MAY BE COMPLETED USING OPEN CUT METHODS. TRACKS, BALLAST, SUBGRADE, ETC. MUST BE RETURNED TO CONDITIONS AT LEAST AS GOOD AS PRE-PROJECT CONDITIONS.

CONTRACTOR TO COORDINATE WITH WK, THROUGH THE OWNER, TO PERFORM ABANDONMENT WORK

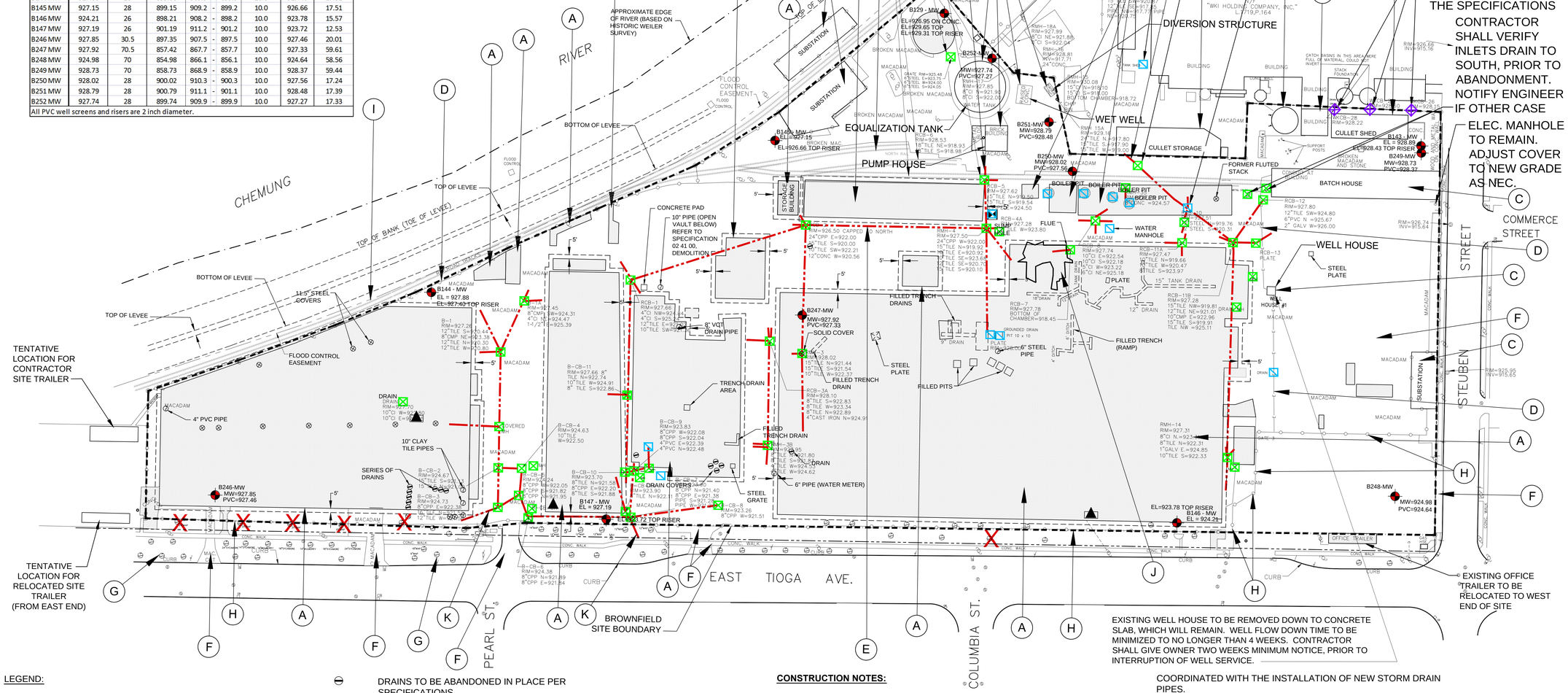
LOCATE AND UNCOVER EXIST. BURIED MANHOLE, ABANDON IN PLACE AND PLUG OUTFLOW PIPE. FILL INFLOW PIPE WILL FLOWABLE FILL, IN ACCORDANCE WITH THE SPECIFICATIONS.

REMOVE BURIED TEE AND FILL INFLOW AND OUTFLOW PIPES WITH FLOWABLE FILL IN ACCORDANCE WITH THE SPECIFICATIONS.

CATCH BASINS (3) TO COMPLETELY REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS

CONTRACTOR SHALL VERIFY INLETS DRAIN TO SOUTH, PRIOR TO ABANDONMENT. NOTIFY ENGINEER IF OTHER CASE

ELEC. MANHOLE TO REMAIN. ADJUST COVER TO NEW GRADE AS NEC.



EXISTING WELL HOUSE TO BE REMOVED DOWN TO CONCRETE SLAB, WHICH WILL REMAIN. WELL FLOW DOWN TIME TO BE MINIMIZED TO NO LONGER THAN 4 WEEKS. CONTRACTOR SHALL GIVE OWNER TWO WEEKS MINIMUM NOTICE, PRIOR TO INTERRUPTION OF WELL SERVICE.

LEGEND:

- BROWNFIELD SITE BOUNDARY
- PROPERTY LINE
- 928 ELEVATION CONTOUR LINE
- FENCE
- EXISTING CONCRETE TO BE DEMOLISHED. (SHOWING 5' OFFSET, SEE NOTE 2)
- MONITORING WELLS TO BE ABANDONED PER SPECIFICATIONS
- UTILITIES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- MANHOLES, CATCH BASINS, STORM DRAIN STRUCTURES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- PIT, SUMP, DRAINAGE STRUCTURES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- CATCH BASINS TO BE COMPLETELY REMOVED AS PER SPECIFICATIONS.
- EXISTING TREE TO BE REMOVED AS PER SPECIFICATIONS.
- SUMP PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- ELEVATOR PIT PREVIOUSLY ABANDONED. REFER TO DETAIL (__ / C-11) FOR REMAINING WORK.
- STEEL PLATE LOCATING UTILITY BELOW TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- BOILER PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- VERTICAL PIPE AT SURFACE TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- DRAINS TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- PLATE / COVER ABOVE UTILITY TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS AND DETAIL 9 / C-11.

DRAWING REFERENCE NOTES:

(A) REMOVE EXISTING CONCRETE PADS/ SLABS AND FOUNDATIONS. STOCKPILE ON-SITE FOR CONCRETE RE-USE (SITE FILL) DURING THIS PROJECT.

(B) REMOVE EXISTING STEEL FRAME BUILDING, DISPOSE OF OFF SITE

(C) EXISTING STRUCTURE AND APPURTENANCES TO REMAIN IN PLACE.

(D) PROTECT AND MAINTAIN OPERATION OF EXISTING ELECTRICAL LINES.

(E) ALL UNDERGROUND STORM DRAIN PIPES SHALL BE FILLED WITH FLOWABLE FILL AS PER THE SPECIFICATIONS AND ABANDONED IN PLACE.

(F) REMOVE AND STOCKPILE ALL MACADAM ASPHALT.

(G) PROTECT ALL TREES TO REMAIN.

(H) EXISTING FENCING TO REMAIN INTACT AND FUNCTIONAL, UNTIL NEW STEUBEN STREET ENTRANCE IS COMPLETED AND FUNCTIONAL. FENCING TO BE REMOVED WHEN REPLACED BY TEMPORARY FENCING ALONG STEUBEN STREET AND TIOGA AVE.

(I) RAILROAD TRACKS ARE ACTIVE AND ARE TO REMAIN. PROTECT AND MAINTAIN OPERATION.

(J) REMOVE REMNANTS OF BURIED FLUE - LIMITS TO BE FIELD VERIFIED. SEGREGATE FLUE DEBRIS FOR TESTING AND OFFSITE DISPOSAL. REFER TO SPECIFICATION 02 41 00 DEMOLITION.

(K) PIPE TO ONLY BE PLUGGED AT MANHOLE. DO NOT FILL THIS PIPE.

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL REMOVE ALL ENCOUNTERED UTILITIES WITHIN DESIGNATED 5' OFFSET AREAS IF LESS THAN 2' BELOW EXISTING GRADE. CAP AND PLUG BOTH ENDS OF CUT UTILITIES AT 5' OUTSIDE DESIGNATED AREAS.
2. CONTRACTOR SHALL CUT AND REMOVE ENCOUNTERED UTILITIES AND SURFACE DRAINS, IN ALL DIRECTIONS, WITHIN AREAS DESIGNATED FOR REMOVAL IF LESS THAN 2' BELOW EXISTING GRADE SURFACE.
3. CONTRACTOR SHALL DOCUMENT AND SUBMIT RECORD DRAWINGS OF ALL CAPPED OR PLUGGED UTILITIES THAT WILL REMAIN IN PLACE.
4. SAW CUT PAVEMENT FULL DEPTH AT LOCATIONS ADJACENT TO PAVEMENT TO REMAIN.
5. NOTIFY THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (U.F.P.O.) AT LEAST TWO (2) WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 1-800-962-7962 OR 811 FOR A UTILITY STAKE-OUT.
6. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE WORLD KITCHEN PROPERTY AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS (THROUGH CORNING) 24 HOURS IN ADVANCE WHEN THEIR ACCESS DRIVE MAY BE TEMPORARILY INACCESSIBLE. THE CONTRACTOR WILL LIMIT INACCESSIBILITY TO A 5 MINUTE MAXIMUM WAIT FOR ANY VEHICLE AND WILL WORK TO RESTORE TEMPORARY ACCESS IMMEDIATELY FOR EMERGENCY VEHICLES. TEMPORARY ACCESS SHALL BE RESTORED OVERNIGHT AND AT ALL TIMES OF NON-WORK AT THE ACCESS ROUTE.
7. ALL VEHICLES WITHIN THE BROWNFIELD SITE BOUNDARY THAT TRAVERSE EXPOSED SITE SOIL AND/OR FILL NOT COVERED BY A DEMARCATION LAYER, SHALL UTILIZE THE TRUCK ASH/DECON PAD, PRIOR TO EXITING THE SITE, IN ACCORDANCE WITH THE SITE MANAGEMENT PLAN REQUIREMENTS. REFER TO DTL. DWG. C-12.
8. ABANDONMENT OF EXISTING STORM DRAIN PIPES SHALL BE COORDINATED WITH THE INSTALLATION OF NEW STORM DRAIN PIPES.
9. EXISTING UTILITIES IDENTIFIED TO REMAIN INCLUDE, BUT ARE NOT LIMITED TO, SERVICES/UTILITIES TO: THE SUBSTATIONS, ELECTRIC MANHOLE (SE OF BATCH HOUSE), WELL HOUSE (ELECTRIC ONLY) AND WORLD KITCHEN PROPERTY FACILITIES.
10. ALL CONCRETE STRUCTURES, FEATURES, VAULTS, ETC. (PREVIOUSLY ABANDONED OR TO BE ABANDONED) ARE TO BE BURIED OR COVERED IN ACCORDANCE WITH DETAIL 9 / C-11.
11. EXISTING FRAMES/GRATES (TO REMAIN) WITHIN THE NEW PAVEMENT AREAS, NORTH OF THE RAILROAD TRACKS AND BATCH HOUSE ARE TO BE ADJUSTED TO GRADE.
12. ONSITE PIPES, DRAINS, CONDUITS, ETC. ENCOUNTERED DURING EXCAVATION OR GRADING SHALL BE REMOVED WITHIN THE LIMITS OF EXCAVATION AND THE OPEN ENDS PLUGGED OR CAPPED BELOW EXISTING GRADE, EXCEPT AS STATED IN NOTE 1.
13. EXISTING FENCING TO BE REMOVED UPON PROJECT COMPLETION, FROM: STEUBEN STREET (FROM SE CORNER OF BATCH HOUSE TO SUBSTATION FENCE), SOUTH OF SUBSTATION FENCE AND ACROSS SE PARKING AREA TO EAST TIOGA AVENUE, ALONG THE EAST TIOGA AVENUE FRONTAGE TO THE NEW ORNAMENTAL FENCE, NEAR THE NW PROPERTY CORNER. CONTRACTOR SHALL MAINTAIN FENCING (EXISTING OR TEMPORARY) FOR SECURITY FOR THE DURATION OF THE PROJECT
14. REFER TO DWG. 1.1 FOR CONCRETE AND ADDITIONAL SITE COVER INFORMATION

DRAWING NOTES:

BASE MAP INFORMATION

BASE MAPPING PROVIDED BY SURVEY MAP ENTITLED "CORNING PROPERTY MANAGEMENT CORP, (FALLBROOK PLANT), CITY OF CORNING, STEUBEN 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.

N E S W

0 50 100 150 200
SCALE IN FEET

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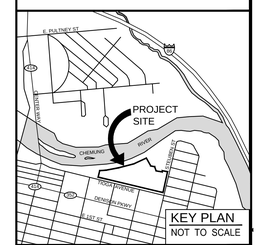

Project No.:	33123-019
Scale:	AS SHOWN
Date:	APRIL 30, 2012
Autocad File:	
Drawn By:	KRH
Designed By:	KRH
Checked By:	JDB
Approved By:	JDB
Stamp:	

Rev.	Description	By	Date
1	FOR CONSTRUCTION	HA	04/30/12

TIOGA AVENUE
PASSIVE PARK DEVELOPMENT
NEW YORK STATE BCA SITE
NO. C851031
CORNING, NEW YORK

DEMOLITION PLAN

Sheet: 5 OF 29 | Issue: 1

C-2

C:\USERS\KHURLEY\DESKTOP\33123-019-TIOGA AVE PARK DEVELOPMENT PLAN_CONSTRUCTION DRAWINGS_F.DWG

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CONTRACTOR TO PREPARE AREA & INSTALL NEW ACCESS AND TEMPORARY FENCE, PRIOR TO DISRUPTING EXISTING WORLD KITCHEN ACCESS (BETWEEN GATE 3 & BATCH HOUSE). PROVIDE FENCING BETWEEN CONSTRUCTION ACTIVITY AND ACCESS FOR THE DURATION OF THE PROJECT. PROVIDE LOCKING GATE AT EXIT AFTER NEW ENTRANCE IS COMPLETED.

HAY BALE DIKE

NEW TEMPORARY CHAIN LINK FENCE

COMMERCE STREET

STEUBEN STREET

PROVIDE PORTABLE TRUCK WASH SYSTEM OR PREPARE TEMPORARY TRUCK WASH AREA (REFER TO TRUCK WASH PAD DETAIL (C-12)

HAY BALE DIKE

SILT FENCE

NEW TEMPORARY SITE LIGHT DUTY PERIMETER MAN GATE

HAY BALE DIKE

SILT FENCE

HAY BALE DIKE

SILT FENCE

HAY BALE DIKE

HAY BALE DIKE

HAY BALE DIKE

HAY BALE DIKE

SILT FENCE

HAY BALE DIKE

HAY BALE DIKE

EAST TIOGA AVE.

PEARL ST.

COLUMBIA ST.

BROWNFIELD SITE BOUNDARY

EXISTING HEAVY DUTY PERIMETER GATE TO REMAIN (UTILIZE AT CONSTRUCTION ENTRANCE) PROVIDE 2- "DO NOT ENTER" SIGNS ON BACK OF GATE.

CONSTRUCTION ENTRANCE. UTILIZE EXIST. PAVEMENT AS STABILIZED CONSTRUCTION ENTRANCE. PROVIDE NEW STABILIZED CONSTRUCTION ENTRANCE AS PER DETAIL UPON PAVEMENT REMOVAL.

PROVIDE HAY BALE DIKE UPON REMOVAL OF ASPHALT PAVEMENT.

PROVIDE HAY BALE DIKE PRIOR TO EARTHWORK AND CONSTRUCTION ACTIVITIES FOR THE INSTALLATION OF THE PROPOSED PARKING AREAS.

PROVIDE HAY BALE DIKE UPON REMOVAL OF ASPHALT PAVEMENT.

PROVIDE HAY BALE DIKE UPON REMOVAL OF ASPHALT PAVEMENT.

SUMP PUMP AT WASH AREA TO DISCHARGE TO ONSITE FRAC. TANK AS PER SPECIFICATIONS. REFER TO TRUCKWASH/DECON PAD DETAIL, DWG. C-12

NEW TEMPORARY SITE HEAVY DUTY PERIMETER GATE

PROVIDE HAY BALE DIKE UPON REMOVAL OF ASPHALT AND CONSTRUCTION ENTRANCE

NEW TEMPORARY PERIMETER CHAIN LINK FENCE - MATCH EXISTING

CONSTRUCTION EXIT. UTILIZE EXIST. PAVEMENT AS STABILIZED CONSTRUCTION ENTRANCE. PROVIDE NEW STABILIZED CONSTRUCTION ENTRANCE AS PER DETAIL UPON PAVEMENT REMOVAL.

LEGEND:

- PERIMETER HAY BALE DIKE
- SILT FENCE
- TEMPORARY SECURITY FENCE
- BROWNFIELD SITE BOUNDARY
- GRASS DIVERSION SWALE
- SITE DRAINAGE DIVIDE LINE
- CATCH BASIN- TO BE PROTECTED AND TO WHICH CONSTRUCTION STORMWATER MAY BE DIRECTED, UNTIL ABANDONED (SEE C-2)
- CATCH BASIN OR MANHOLE WHICH IS CONNECTED TO THE CITY OF CORNING STORMWATER SYSTEM AND MUST BE PROTECTED, UNTIL ABANDONED (SEE C-2). THESE SHALL NOT BE USED FOR STORMWATER MANAGEMENT AFTER THE START OF DEMOLITION AND/OR CONSTRUCTION, UNLESS SPECIFICALLY APPROVED IN ADVANCE BY CORNING INCORPORATED AND THE ENGINEER.
- INLET PROTECTION AT NEWLY CONSTRUCTED CATCH BASIN
- SWALE SEDIMENT TRAP (TO BE INSTALLED DURING SITE FILL OPERATION). SEE DETAIL 7/C-12.

EROSION AND SEDIMENTATION CONTROL SEQUENCE:

THE SITE CONTRACTOR SHALL UTILIZE THE FOLLOWING CONSTRUCTION SEQUENCE OR MAY SUBMIT THEIR OWN SEQUENCE TO THE OWNER AND HALEY & ALDRICH FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL CONTINUE TO UTILIZE THE FOLLOWING SEQUENCE, UNTIL THE OWNER OR HALEY & ALDRICH HAVE PROVIDED WRITTEN APPROVAL OF THE ALTERNATE SUBMITTED SEQUENCE.

1. VERIFY THAT THE BUILDING PERMIT AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED, PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL ATTEND THE PRE-CONSTRUCTION MEETING ORGANIZED BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR SHALL INSTALL THE FOLLOWING PERIMETER AND EROSION & SEDIMENT CONTROLS (ESC) PRIOR TO BEGINNING DEMOLITION OR EARTHWORK:
   - PERIMETER ESC PRACTICES (HAY BALE DIKE , SILT FENCE)
   - TEMPORARY SECURITY FENCE
   - INLET PROTECTION
   - STABILIZED CONSTRUCTION ENTRANCE & "EXIT"
   - NEW HEAVY DUTY GATE AT CONSTRUCTION EXIT
   - TRUCK WASH / DECON. PAD
4. MAINTAIN ESC PRACTICES FOR THE DURATION OF THE PROJECT, UNTIL EARTHWORK COMPLETED AND ALL DISTURBED AREAS HAVE BEEN STABILIZED AND ACHIEVED FINAL STABILIZATION (80% VEGETATIVE COVER)
5. CONTRACTOR TO PROVIDE AND MAINTAIN ACCESS FOR WORLD KITCHEN TRAFFIC. TEMPORARY ACCESS SHALL BE CLEARLY DELINEATED W/ TEMPORARY CHAIN LINK FENCE, TRAFFIC BARRELS, SAFETY FENCING AND/OR TRAFFIC CONES AS NECESSARY TO MAINTAIN AND PROTECT TRAFFIC.
6. BEGIN DEMOLITION WORK AND PREPARATION OF PROPOSED WORLD KITCHEN ACCESS DRIVE FROM STEUBEN STREET AT NORTHEASTERN CORNER OF PROJECT (BETWEEN BATCH HOUSE AND SUBSTATION).
7. ALL EXPOSED/DISTURBED EARTH SHALL BE STABILIZED WITH TEMPORARY SEED/MULCH, WITHIN 14 DAYS OF THE COMPLETION OF EARTHWORK OR LAST DISTURBANCE.
8. STEUBEN STREET ACCESS (TEMPORARY OR PERMANENT) FOR WORLD KITCHEN TRAFFIC TO BE COMPLETED AND NEW TEMPORARY PERIMETER CHAIN LINK FENCE TO BE INSTALLED, PRIOR TO BEGINNING OTHER DEMOLITION OR CONSTRUCTION WORK.
9. CONDUCT CONCRETE DEMOLITION, CONCRETE STOCKPILING AND UTILITY ABANDONMENT WORK. WORK SHOULD START AT THE NORTH OF THE RAILROAD TRACKS AND MOVE FORWARD TOWARDS EAST TIOGA AVENUE. WORK SHOULD PROGRESS FROM THE WESTERN AND EASTERN PROPERTY LINES TOWARDS EAST TIOGA AVENUE. TRAFFIC CIRCULATION SHALL BE MAINTAINED TO ALLOW UNIMPEDED USE OF THE CONSTRUCTION ENTRANCE AND EXITS.
10. CONDUCT DEMARCATION LAYER INSTALLATION OVER EXISTING HISTORIC FILL, BASED ON SOIL COVER TYPES.
11. CONDUCT EARTHWORK/ FILL INSTALLATION AND COMPACTION.
12. INSTALL TEMPORARY DIVERSION SWALES AND SEDIMENT TRAPS IN CONJUNCTION WITH THE SITE FILL INSTALLATION.
13. INSTALL PROPOSED SITE UTILITIES AND IRRIGATION SYSTEM.
14. COMPLETE FINAL GRADING, TOPSOILING, PERMANENT SEEDING AND MULCHING.
15. INSTALL SITE APPURTENANCES AND SITE LIGHTING.
16. REMOVE ECD PRACTICES UPON FINAL STABILIZATION OF SITE.

DRAWING NOTES:

1. BASE MAP INFORMATION
   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.

CONSTRUCTION NOTES:

1. SEE SHEET C-12 FOR EROSION AND SEDIMENTATION CONTROL NOTES AND DETAILS.
2. THE CONTRACTOR SHALL USE "DANDY BAG" OR "DANDY POP" INLET PROTECTION GRATE COVERS, OR APPROVED EQUAL TO PROTECT ALL ON-SITE INLETS (EXISTING AND PROPOSED) IN ADDITION TO INLET PROTECTION (REFER TO DWG. C-12 FOR INLET PROTECTION DETAILS)
3. LOCATION OF STOCKPILES AND TRUCK WASH AREA MAY VARY THROUGHOUT THE DURATION OF CONSTRUCTION IN ORDER TO ACCOMPANY SITEWIDE ACTIVITIES.
4. ALL IMPORTED SOIL STOCKPILES TO BE SURROUNDED WITH SEDIMENT BARRIER.

N E S W

0 50 100 150 200
SCALE IN FEET

KEY PLAN
NOT TO SCALE

Project No.:	33123-019
Scale:	AS SHOWN
Date:	APRIL 30, 2012
Autocad File:	
Drawn By:	KRH
Designed By:	KRH
Checked By:	JDB
Approved By:	JDB
Stamp:	

Rev.	Description	By	Date
1	FOR CONSTRUCTION	HA	04/30/12

TIOGA AVENUE
PASSIVE PARK DEVELOPMENT
NEW YORK STATE BCA SITE
NO. C851031
CORNING, NEW YORK

EROSION AND SEDIMENTATION CONTROL PLAN

Sheet: 18 OF 29 | Issue: 1

C-9

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3.02 DEMOLITION

A. Existing gravel and crushed stone site cover shown on Drawing C-2 shall be salvaged and placed in stockpiles dedicated to this material; placing any other type of material in these stockpiles is prohibited.

1. This gravel and site stone was originally placed on geotextile to separate it from the materials on which it was placed.
2. When salvaging this gravel and crushed stone, care must be taken not to rip the geotextile, expose the underlying material and mix it with the gravel and crushed stone.
3. This gravel and site stone is suitable for use above the demarcation layer and therefore cross-contamination or mixing of this material with other site materials is not allowed.

B. Excavate and stockpile the existing at-grade and below-grade concrete structures including existing concrete floor slabs, pads, the upper portion of foundations and foundation walls.

1. The work is to be performed within limitations of governing regulations. Use of explosives is not permitted.
2. The complete thickness of concrete slabs and pads shall be removed.
3. Foundations and foundation walls shall be removed to a depth at least 2 feet below the existing grade.
4. Concrete materials to be used for concrete processing (recycling) shall be broken up into sizes appropriate to use as feedstock for the concrete processing equipment employed.
5. Concrete which has been removed from its existing location shall be stockpiled.
6. Metal, piping, conduits and all other debris generated during the work shall be stockpiled for offsite recycling or disposal.

C. Abandon utilities which are encountered during concrete removal.

1. Disconnect, cap, or plug site utilities that are located within the area defined by the perimeter line of concrete slabs offset five feet outward from the concrete pad.
2. Cut and remove pipe and conduit encountered during the demolition work at the edge of the concrete pad and at a point defined by the perimeter line offset five feet outward from the concrete pad. Seal both ends of the remaining portion of pipe or conduit.

D. Abandon drains, pipes, pits, sumps, etc which are located within existing concrete slabs. These features are shown on Drawing C-2 insofar as they are known.

1. The procedure for abandoning the features labeled PVC pipe, steel pipe, clay tile pipe follow.
   a. Assign a unique tracking number; establish location using GPS, and photograph feature.

b. Remove cover and segregate for recycling or disposal. Record pipe material type.
c. Measure diameter of pipe, measure depth to bottom or depth to bend or tee, as applicable and record results.
d. Fill pipe with flowable fill to 2 ft below original grade.
e. Remove pipe materials down to 2 ft below original grade, segregate and stockpile for disposal or recycling.

2. The procedure for abandoning the feature labeled 10-inch pipe open to vault below follow.
   a. Assign a unique tracking number; establish location using GPS, and photograph feature.
   b. Remove cover, if any, and segregate for recycling or disposal. Record pipe material type.
   c. Measure diameter of pipe, measure depth to bottom of pipe and of vault, or depth to bend or tee, as applicable and record results.
   d. Determine vault material type, dimensions, and depth.
   e. Identify any solid and liquid contents of the vault and manage as directed by the Engineer.
   f. Fill vault and pipe with flowable fill to 2 ft below original grade.
   g. Remove pipe materials down to 2 ft below original grade, segregate and stockpile for disposal or recycling.

3. The procedure for abandoning the features labeled steel plate and plate/cover follow.
   a. Assign a unique tracking number; establish location using GPS, and photograph feature.
   b. Remove steel plate and segregate for recycling or disposal. Observe and record features located beneath the steel plate.
   c. Measure applicable diameters, types, and depths of pipes conduits, etc. Record results.
   d. Fill conduits with flowable fill to 2 ft below original grade.
   e. Remove pipe materials down to 2 ft below original grade, segregate and stockpile for disposal or recycling.

4. The procedure for abandoning the features labeled drain or steel grate follow.
   a. Assign a unique tracking number; establish location using GPS, and photograph feature.
   b. Remove cover or grate and segregate for recycling or disposal. Record pipe material type.
   c. Measure diameter of pipe, measure depth to bottom or depth to bend or tee, as applicable and record results.
   d. Fill pipe with flowable fill to 2 ft below original grade.
   e. Remove pipe materials down to 2 ft below original grade, segregate and stockpile for disposal or recycling.

E. Remove remains of underground flue, segregrate, and stockpile debris for testing and offsite disposal, including:
   1. Prepare a photographic record of the key operations during excavation stockpiling and backfilling this excavation.
   2. Determine size, material type, dimensions, and location of underground structures which are encountered, whether or not they are removed or remain in place. Record results.
   3. Engineer shall determine limits of excavation and removal of remaining flue and associated structures.
   4. Segregate and stockpile excavated material for offsite disposal based on testing results.
   5. Fill excavation with processed onsite concrete. Remove pipe materials down to 2 ft below original grade, segregate and stockpile for disposal or recycling.

F. Remove and salvage asphalt pavement and site cover shown on Drawing C-2 for re-use on site.
   1. Means and methods for asphalt removal shall be selected an implemented with the objective that the asphalt will be re-used on site beneath the demarcation layer and above the water table.
   2. Asphalt shall be demolished using methods conforming to applicable local, state and federal regulations and laws.
   3. Materials shall be segregated and stockpiled

G. Demolish existing storage building adjacent to railroad tracks and dispose off site.
   1. Building shall be demolished using methods conforming to applicable local, state and federal regulations and laws.
   2. Materials shall be segregated and stockpiled for recycling or deposal.

H. Abandon-in-place existing storm drain system, as shown on Drawing C-2.

   1. Sequence project work so that storm drain components being abandoned are no longer needed to manage stormwater or excavation water.

   2. Abandon Pipes in Place. Pipes will be filled with flowable fill from the open end. In most cases this will happen at catch basins or manholes. For pipes 6-inches in diameter and smaller, ends shall be plugged with at least three feet of flowable fill; pipes do not have to be entirely filled.
   3. Abandon Manholes/Catch Basins in Place.
      a. Determine if sediment and/or debris are present in manholes or catch basins; the Engineer shall determine if the Contractor needs to remove the material.
      b. Remove concrete manhole cover, salvage metal frame and cover/grate for recycling.
      c. Fill all connecting pipes with flowable fill.
      d. Demolish manhole walls to 3 feet below existing grade, rubble to remain in manhole. Break up manhole bottom. Fill manhole with processed concrete from the on-Site slab demolition. Place material in lifts as engineered fill to one foot below grade.

e. Cover crushed concrete backfill with filter fabric (Mirafi 140N or approved substitute) and one foot of clean imported fill suitable for a driving or walking surface (gravel/crushed stone).

I. Abandon and decommission wells shown on the Drawings as prescribed in NYSDEC's CP-43: Groundwater Monitoring Well Decommissioning Policy, 2009, and in accordance with City of Corning well abandonment requirements. Boring logs and well installation logs are provided in Appendix A to the Specifications. Well abandonment shall be witnessed by the Engineer.

CLOSURE WORK PLAN
FORMER FALL BROOK WASTE WATER TREATMENT PLANT
SPDES NY0003981
NYSDEC BCP SITE NO. C851031

Prepared by

Haley & Aldrich of New York
Rochester, New York

On behalf of

Corning, Incorporated
Corning, NY

For submittal to

New York State Department of Environmental Conservation
Region 8, Division of Water

File No. 33123-023

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20 September 2012
File No. 33123-023

Ms Nancy Rice
NYSDEC – Region 8
Division of Water
6724 East Avon-Lima Road
Avon, New York 14414

Subject: Work Plan for Closure of Waste Water Treatment Plant and
SPDES Permit No.NY0003981 Termination
Former Fallbrook Facility/Current BCP Site C851031
Corning Incorporated
Corning, New York

Dear Ms Rice:

On behalf of Corning Incorporated, we are submitting this Work Plan for Closure of the Waste Water Treatment Plant (WWTP) and termination of the associated SPDES Permit #NY0003981 at the former Corning Incorporated Fall Brook manufacturing facility in Corning, Steuben County, New York. This facility and permit have become obsolete with completion of the NYS BCP project wherein this property is being redeveloped as a park with all future storm flow from the property being redirected to the municipal storm sewer system in accordance with City of Corning approval. The Work Plan has been developed pursuant to the 6 NYCRR Part 750-2.11(c) regulations and our September 6, 2012 meeting. We plan to complete the work promptly following your review and approval of the Work Plan.

We appreciate your meeting with us to review the current site status, and content of a Part 750 Closure Plan. Please do not hesitate to let us know if there are any questions.

Sincerely,
Haley & Aldrich of New York

Jonathan D. Babcock, P.E.
Senior Engineer

Edward L. Hynes
Vice President

C: Tracy Hall, Corning Incorporated
Mike Ford, Corning Incorporated

Closure Work Plan
Former Fall Brook Waste Water Treatment Plant
SPDES NY0003981
NYSDEC BCP Site No. C851031
Corning Incorporated

Introduction

Corning Incorporated is seeking closure of the Fall Brook Waste Water Treatment Plant (WWTP), and termination of the existing SPDES Permit NY0003981. Prior to 2002 this WWTP operated to treat process wastewater and stormwater from the former Fall Brook manufacturing facility; has operated in the period since to manage stormwater associated with the site of the demolished facility; and is currently operating to support site redevelopment activities located on the adjacent Tioga Avenue property (New York BCP Site No. C851031, the "Site") located in Corning New York. The discharge from the Corning Incorporated WWTP is regulated by the SPDES Permit issued to Corning Incorporated (NY-0003981). As Corning Incorporated proceeds with the redevelopment of the Site as a passive park consistent with the NYSDEC Certificate of Completion, April 18, 2012, stormwater influent flow to the WWTP associated with the Site will have effectively ceased by the end of September 2012. The objective of this Work Plan is to provide information required under 6 NYCRR Part 750-2.11–Closure Requirements for Wastewater Treatment Facilities, specifically section 750-2.11(c) for permanent closure of WWTP and termination of SPDES permit NY0003981.

Corning Incorporated currently plans to close the WWTP and terminate all discharge/flow to or within Outfall Pipe 003 by sealing this pipe, end to end, with flowable fill in accordance with the procedures specified in this Work Plan. Alternatively, future use of Outfall 003 may be requested by World Kitchen LLC for stormwater from its facilities that are currently discharged to Outfall 003. To the extent that World Kitchen LLC makes this request, Outfall 003 could remain open for collection and discharge of stormwater from its property. Under the alternative plan, Corning Incorporated will demonstrate termination of discharge from its Site by closure and sealing of pipes leading from its property to the WWTP and from the WWTP to Outfall 003. Corning Incorporated will then transfer pipe sections which have been cleaned and/or lined to World Kitchen LLC for its use. This alternative will only be considered if requested by World Kitchen LLC and after World Kitchen LLC obtains appropriate approvals from the Division of Water for its sole use of Outfall 003 and Corning Incorporated has received approval of its request for termination of the Corning Incorporated SPDES Permit. Details of the plans and procedures to implement this alternative for Corning Incorporated to permanently terminate its future discharge at Outfall 003 but allow for future transfer/use of Outfall 003 by World Kitchen LLC are provided at the end this Work Plan.

Background

Corning Property Management Corporation and Corning Incorporated (collectively referred to as "Corning") are currently engaged in the development of the Tioga Avenue Property that formerly contained the Corning Incorporated Fall Brook manufacturing plant and related facilities located in the City of Corning, Steuben County, New York. Manufacturing operations of the Fall Brook plant were discontinued in 2002, and demolition of the buildings and facilities was completed in 2007. Corning Incorporated entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State

Department of Health (NYSDOH), as a "participant" to investigate and, as necessary, to remediate any contaminants on the Tioga Avenue Property. The goal of these actions was to facilitate the reuse and development of the Site in ways that are protective of human health and the environment. The WWTP is outside the BCP Site boundary, but receives stormwater runoff from the BCP Site.

Corning Incorporated is currently redeveloping the Site as a passive park for access and use by the general public consistent with the NYSDEC Certificate of Completion under the BCP and the City of Corning land use, zoning, and permitting procedures applicable to the proposed development project. Part of the proposed construction is the closure and filling of the previous Site drainage piping, manholes, and catch basins (within the BCP limits) and replacing the previous system with new construction for storm drainage associated with the park. The new storm drainage system will discharge to the City of Corning municipal stormwater sewer system. These actions will result in complete termination of stormwater flow from the BCP Site to the WWTP and Outfall Pipe 003.

In January 2012, Corning Incorporated began communication with the NYSDEC Division of Water to allow stormwater associated with the proposed construction activities to be directed through the existing Fall Brook WWTP during the planned construction for the summer of 2012. Corning Incorporated developed a project specific Stormwater Pollution Prevention Plan (SWPPP) for the project, and the NYSDEC established a sampling and reporting plan to be conducted associated with the planned construction activities and in addition to the SPDES sampling dictated by the existing permit. As the drainage system is isolated through closure activities, Corning Incorporated is ready to schedule the eventual closure of the WWTP and its demolition and removal.

Existing WWTP

The basic wastewater treatment processes currently used at the Fallbrook WWTP is coagulation, flocculation, and clarification to remove metals present in the form of suspended fine particulates. Effluent water from the plant discharges to the Chemung River in accordance with the referenced SPDES permit for the operation. The current major operations of the WWTP include:

- Fluid transfer
- Equalization
- Lead hydroxide precipitation
- Chemical addition
- Flocculation
- Clarification

The current processes of the WWTP have been simplified somewhat following closure of manufacturing operations from the original plant design when the Fall Brook manufacturing facility was operating and discharging process waters to the plant. Previous flow rates were on average 350 gpm and the more recent flow rate has been closer to 30 gpm. The facility previously operated a rotary vacuum dryer for sludge management but more recently has used the clarifiers for solids retention as the solids volume has decreased significantly without the contribution of process water from manufacturing. Other processing and conveyance equipment (piping, pumps, pH adjust equipment, filters, and tanks) also exist at the current WWTP and have not been in service since the manufacturing plant removal.

Management of Waste Materials

Corning Incorporated will test and characterize waste materials during closure of the WWTP for appropriate disposal at permitted commercial solid or hazardous waste management facilities. If necessary, Corning Incorporated maintains EPA ID number NYD000824425 for management of Hazardous Waste from the WWTP facility. To the extent generated, Corning Incorporated intends to manifest and ship hazardous waste to Michigan Disposal-Wastewater Treatment Plant (MID 000724831) or Envirite of Ohio (OHD 980568992). Non-hazardous solid waste generated during WWTP closure will be managed by local permitted waste disposal facilities including the Steuben County Sanitary Landfill in Bath, New York. Other materials will be recycled or sold for scrap metal value. Surplus water treatment and other related chemicals and products associated with operation of the WWTP will be recycled if possible or appropriately characterized and disposed at licensed waste management facilities. Waste generation, characterization, and transportation and disposal during closure of the WWTP will be documented as described in "Record Keeping" below.

Permanent Termination of Influent to WWTP

During the course of the planned redevelopment of the Site, the existing stormwater drainage conveyance system has been incrementally removed and permanently closed as the redevelopment project advances across the Site. The process of filling the pipes, manholes, and catch basins with concrete is in accordance with the Site/project-specific Stormwater Pollution Prevention Plan dated March 2012 and Site Management Plan (as revised March 29, 2012), and joint review by the Division of Water and Division of Environmental Remediation. Closure of stormwater pipe, catch basins, manholes and other features on the BCP Site are shown on attached project Drawing C-2 as was previously submitted to the Divisions of Water and Environmental Remediation. Attached Figure 1 depicts the locations for closure and abandonment of pipes leading to the wastewater treatment buildings and Outfall 003 which are beyond the limits of the Corning Incorporated BCP Site.

Corning Incorporated is in the final stages of permanently terminating the influent flow to the WWTP pursuant to the specifications contained in the SWPPP and SMP. The following procedure will be/has been used to abandon-in-place existing storm drain system, as shown on Drawing C-2 and Figure 1. This encompasses approximately 49 catch basins, manholes and stormwater structures, and approximately 3000 feet of connecting stormwater pipe. Based on current advancement of the Site redevelopment project, the upstream or contributing conveyance piping that previously existed south of the Corning Incorporated BCP property line that were previously connected to the WWTP influent lines shown in Drawing C-2 have been permanently sealed and closed except for a small number of structures that will be abandoned in the near future.

Procedure:

1. Sequence project work so that storm drain components being abandoned are no longer needed to manage stormwater or excavation water.

2. Abandon Pipes in Place. Conveyance piping is being permanently abandoned and closed in place with advancement of the Site redevelopment project. The abandonment process involves sealing of conveyance pipes with flowable fill between catch basins

and manholes to the extent feasible within each pipe at each manhole or catch basin location.

3. Abandon Manholes/Catch Basins in Place. Manholes and catch basins are being permanently closed as follows:

   a. Removal of accumulated sediment, debris or material from pipe filling as described above to the extent present in manholes or catch basins.
   b. Removal of the manhole/catch basin covers.
   c. Demolish manhole/catch basin walls to 3 feet below existing grade with rubble to remain in manhole/catch basin. Break up manhole bottom. Fill manhole with rubble from the manhole/catch basin removal and processed concrete from the on-site slab demolition, or clean, imported gravel or crushed stone.

Corning Incorporated will demonstrate termination of discharge from the BCP Site by closure and sealing of pipes leading to the WWTP and from the WWTP to Outfall 003. Corning Incorporated will follow the piping, manhole and catch basin closure and isolation procedures for all conveyance system lines and appurtenances. The list of pipes, manholes and catch basins associated with the Corning Incorporated Site that have or will be abandoned by closing and plugging is as follows:

MANHOLES, CATCH BASINS AND OTHER STRUCTURES	PIPES	
	FROM	TO
RCB-1	RCB-2	RCB-1
RCB-2	RCB-2	RMH-3
RCB-4A	RCB-5	RMH-4
RCB-6	RCB-6	RCB-5
RCB-7	RCB-10	Covered Manhole
RCB-8	RCB-10	RCB-11A
RCB-10	RCB-10	RCB-8
RCB-11A	RCB-11B	RCB-12
RCB-12	RCB-11B	RCB-13
RCB-13	RCB-11B	RMH-14
RCB-20	RCB-12	Drain Grate
RCB-22	RCB-20	RCB-22
RMH-3	RMH-4	RCB-4A
RMH-4	RMH-4	RCB-2
RMH-5	RMH-15	RMH-15A
RMH-14	RMH-15	Wet Well
RMH-15 (Diversion Structure)	RMH-15A	Covered Manhole
RMH-15A	RMH-15A	RCB-6
RMH-16	RMH-16	RMH-15
RMH-17	RMH-17	Wet Well
RMH-18	RMH-18	RMH16
RMH-18A	RMH-18	RMH-21
RMH-21	RMH-18	Equalization Tank
RMH-23	RMH-18A	RMH-17
RMH-24	RMH-18A	RCB-20
Covered Manhole between RMH-15A and RMH-11B	RMH-21	RMH-23
Force main manhole Northeast of Wet Well: verify	RMH-23	RMH-24

location
Grated structure east of former pump house pad.
Outfall 003
Gate Valve A
Lagoon Hut
Drain manhole between RMH-14 and RCB-11B
B-CB-2
B-CB-3
B-CB-4
B-CB-5
B-CB-6
B-CB-6A
B-CB-7
B-CB-7A
B-CB-8
B-CB-9
B-CB-10
B-CB-11
B-1
B-1A
Covered Manhole between B-CB-2 and B-1

RMH-24	WWTP
Wet Well	Equalization Tank
Wet Well	WWTP
WWTP	RCB-22
Covered MH	RCB-11B
EQ Pump House	WWTP
Equalization Tank	Wet Well
Equalization Tank	RMH-18
Equalization Tank	EQ Pump House
Outfall 003	Gate Valve A
Gate Valve A	Lagoon Hut
Lagoon Hut	RMH-18
Grated Structure	Lagoon Hut
B-CB-2	B-CB-3
B-CB-3	B-CB-5
B-CB-4	B-CB-5
B-CB-4	B-CB-2
B-CB-5	B-CB-6
B-CB-6	B-CB-6A
B-CB-6	B-CB-7
B-CB-7	B-CB-8
B-CB-7	B-CB-9
B-CB-9	B-CB-10
B-CB-10	B-CB-11
B-CB-11	RCB-1
B-1	B-1A
B-1	Covered Manhole

Work associated with the closure of the influent and effluent stormwater conveyance system will be documented in photographs and records associated with the BCP project.

Planned Scope and Sequencing for WWTP decommissioning

Corning Incorporated will work with a qualified contractor(s) to decommission the equipment associated with the existing WWTP. During the decommissioning of the WWTP the effluent piping to the outfall will be isolated to secure the cleaning materials and wastes that have not been otherwise contained to the confines of the building.

Wet solids from the clarifier will be sampled, characterized and profiled for disposal. Wet solids will be vacuumed from the clarifier by the transporting truck or potentially by other means if warranted by site conditions. Liquid wastes that will be generated on final washing of the clarifiers (once solids have been removed) will also be sampled and characterized for proper disposal. If necessary, portable, temporary tanks will be placed to containerize this material prior to off-site disposal.

If open containers or premixed solutions of water treatment chemicals or maintenance materials remain at the time stormwater influent flow ceases then Corning Incorporated proposes that those materials will be characterized for proper waste disposal. If unused materials exist in inventory, an attempt will be made to return to the supplying vendor if at all possible. If Corning Incorporated cannot identify a

reuse for the material, then it will be disposed of in accordance with the material properties and regulatory requirements.

As necessary, wastes will be characterized for disposal by sampling and submittal for laboratory analysis. Any hazardous wastes generated during the decommissioning will be managed under the existing EPA ID Number (NYD000824425). Unless recycled or reclaimed, wastes will be disposed off-site using Corning Incorporated preapproved disposal facilities with the appropriate permits to manage the waste types. C&D wastes will be managed in accordance with the applicable regulations.

Corning Incorporated will retain all documentation of waste disposal including analysis of characterization samples, waste profile acceptance, manifests and associated paperwork.

The decommissioning of the WWTP will generally proceed as follows and the contractor will take appropriate safety measures for the work undertaken:

Note: Building 1 is the north WWTP building.
Building 2 is the south WWTP building.
Clarifiers are the structures between the two buildings.

1. Remove Debris/Sediment, Pressure Wash, and Remove Sludge and Water
    a. Clarifier
    b. Lamella in WWTP
    c. Baffled Structure in WWTP
    d. Diversion Structure
    e. Wet Well

2. Building 1 - Empty
    a. Isolate/disconnect electrical service
    b. Remove and salvage or dispose of contents
    c. Leave: power, HVAC, gas, fire suppression, and other building utilities.

3. Abandon Clarifiers in Place
    a. Core 5 holes – 4-inch diameter into bottom of each clarifier – concentrated at low end if any. Fill core holes with clean pea gravel.
    b. Fill depression with Bank Run to subgrade for asphalt section

4. Building 2 – Empty
    a. Empty and salvage or dispose contents
    b. Leave: power, HVAC, gas, fire suppression, and other building utilities.

5. Demolish Equalization (EQ) Tank and Adjacent Concrete Pad
    a. Remove Steel Tank for salvage
    b. Break up EQ Tank pad and adjacent pad
    c. Remove broken concrete for off-site disposal
    d. Backfill depression with Item 4, pending placement of cover system

6. Demolish Wet Well
    a. Remove Equipment and Steel Structures; salvage or dispose
    b. Remove hatches and salvage or dispose

c. Break concrete cover and break walls to two feet below adjacent grade.
d. Break bottom of structure for drainage
e. Rubble to be placed within remaining structure
f. Back Fill structure with Bank Run to 12 inches below surrounding grade
g. Finish backfill with Item 4, pending placement of cover system.

7. Demolish Engineering Building / Pump House
    a. Remove equipment and salvage or dispose
    b. Demolish structure and salvage or dispose.
    c. Demolish concrete floor slabs for off-site disposal
    d. Backfill depression with Item 4, pending placement of cover system.

8. Remove Diversion Structure
    a. Break up and remove concrete structure to 2 feet below grade, and dispose as C&D.
    b. Break up and leave floor in place.
    c. Bring Diversion Structure to subgrade elevation with bank run pending placement of cover system.

9. Load, Transport and Dispose Construction and Demolition (C&D) Material at Steuben County Landfill

10. Salvage Scrap Metal and other Marketable Materials

Records of closure activities, including photographic documentation will be collected throughout the course of the WWTP building demolition.

Record Keeping

In accordance with the requirements of Part 750-2.11(c), to supply verification of conveyance isolation and proof of contractual arrangements for appropriate disposition of waste materials, Corning Incorporated will collect the following documents during the execution of this Work Plan:

1. Photographs and logs for piping, manhole, and catch basin closure processes, including documentation collected under the BCP process and the piping closure conducted outside the BCP boundary.
2. Figures indicating the final location of plugged and closed pipes, manholes and catch basins
3. Waste characterization paperwork associated with the removal of all residues at the WWTP; including waste analysis, profile acceptance, and volumes of waste generated by type.
4. Waste disposal records including date of removal. documentation of disposal, transportation contracts, and hazardous waste manifests, if applicable
5. Photographic documentation of the WWTP demolition.
6. Photographic documentation of the cleaning or lining of the conveyance system portions transferred to World Kitchen if applicable.

The records collected will be provided in a summary report document to be provided to the NYSDEC as per Part 750-2.11.

Schedule

The proposed schedule for this work is contingent on the NYSDEC approval of this plan.

Activity	Start Date	Tentative End Date
Isolate and plug pipes, manholes and catch basins on the BCP Site	6/1/12	9/30/12
Isolate and plug pipes, manholes and catch basins outside BCP Site limits (work indicated on Figure 1)	9/1/12	10/1/12
Isolate all flow to WWTP and all effluent to Outfall 003	10/15/12	NA
Characterize and remove solids materials from clarifiers	10/20/12	11/1/12
Remove excess unused equipment from WWTP	10/20/12	11/1/12
Receive approval for Closure Work Plan from NYSDEC (per 750-2.11 (c)(1))	11/1/12	
Decommission WWTP treatment processes, equipment removal	11/1/12	11/20/12
Secure buildings, remove external structures and tanks	11/20/12	12/31/12
Schedule final inspection by NYSDEC water engineer (per 750-2.11(d))	12/14/12	NA
Submit documentation and project records (per 750-2.11(c))	12/21/12	NA
Termination of Corning SPDES Permit	12/31/12	NA

Alternative for Future Use of Outfall 003 If Requested World Kitchen LLC

Corning Incorporated will initiate closure of the WWTP and will permanently terminate all flow from Corning Incorporated property to the SPDES-permitted Outfall 003 as described above. Outfall 003 will be sealed following closure and removal of the WWTP. Corning Incorporated has advised World Kitchen LLC of these actions as stormwater drainage from a portion of World Kitchen LLC property flows to Outfall 003 that would also be terminated as described above. As of the date of this Work Plan, Corning Incorporated has not been advised by World Kitchen LLC of its intentions as to whether it will request/permit Outfall 003 for its exclusive future use for discharge of stormwater from its property from Corning Incorporated or the NYSDEC Division of Water. If World Kitchen LLC makes this request and it is acceptable to the Division of Water by transfer of Outfall 003 to World Kitchen LLC, Corning Incorporated would not close or abandon Outfall 003 from manhole 18 to the discharge end of Outfall 003 or the interconnected catch basins and pipes that collect stormwater from World Kitchen LLC property. This alternative was discussed with the Division of Water in our September 6, 2012 meeting as is shown on attached Figure 2. This alternative would include the following process:

- Outfall 003 and connected catch basins and pipes that collect and discharge stormwater from the World Kitchen LLC property would remain open for future use by World Kitchen LLC. These conveyances are described as follows:

Structures to Remain	Pipes to Remain
• Outfall 003 • Gate Valve #9 • Lagoon Hut • RMH-18 • RCB-19 • RCB-21 • RCB-20 • RCB-22 • WKCB-30 • WKCB-29 • Shell of the WWTP Building	• Outfall 003 - Gate Valve #9 • Gate Valve #9 – Lagoon Hut • Lagoon Hut – RMH-18 • RMH–18 – RCB-21 • RCB-20 – RCB-19 • RCB-20 – RCB-22

- As shown on Figure 2, piping modifications will be made to direct storm flow from World Kitchen LLC property to Outfall 003 (reference new connection at manholes RMH 20 and 21).
- All other pipes leading from the Corning Incorporated BCP property and WWTP as depicted on Figure 2 will be or have been abandoned and permanently closed to eliminate discharge of any water to Outfall 003 from the Corning Incorporated property or the WWTP.
- Corning Incorporated will transfer clean pipe sections for what will be transferred to World Kitchen LLC including those associated with the Outfall 003 pipe and discharge pipe from the WWTP as shown on Figure 2 by cleaning or lining of these pipe sections.

This alternative will only be considered after World Kitchen LLC obtains appropriate approvals from the Division of Water for use of Outfall 003 (modified SPDES permit) and Corning Incorporated has received approval of its request for termination of the Corning Incorporated SPDES Permit.

Attachments:

Drawing C-2 – Demolition Plan Showing Closure and Abandonment of Storm Drainage Conveyances on the Corning Incorporated BCP Site

Figure 1 – Wastewater Treatment Plant Closure

Figure 2 – Alternative for Future Use of Outfall 003 by WKLLC

NOTE: ESTIMATED LENGTH OF THIS LINE FROM GATE VALVE TO END OF PIPE IS 75 FT

STRUCTURES WHICH MAYBE ABANDONED IN PLACE OR REMOVED

CONNECT RMH-20 TO RMH-21

NOTE: LAGOON HUT IS MOUNTED OVER THE PIPE.

WORK SOUTH OF THIS LINE TO BE COMPLETED UNDER EXISTING CONTRACT

PLUG INFLOW AND OUTFLOW PIPES AND ABANDON RCB-5 IN PLACE

LOCATE COVERED MANHOLE AND PLUG INFLOW AND OUTFLOW PIPES, ABANDON MANHOLE IN PLACE

WORK SOUTH OF THIS LINE TO BE COMPLETED UNDER EXISTING CONTRACT

REMOVE BURIED TEE AND PLUG INFLOW AND OUTFLOW PIPES

18" STEEL

CORNING INC. OUTFALL #003

GATE VALVE #0

RMH-24
RIM=928.17
12"CI S=921.31
12"CI E=921.39

CONNECTS TO WKLLC OUTFALL 002

WKMH-31
RIM=928.28
10"PVC NE=922.28
10"PVC S =924.81

WASTE WATER BLDG.

TREATED WATER LINE

FLOW FROM CLARIFIER

WASTE WATER TREATMENT BLDG.

SUB STATION

RMH-23
RIM=927.85
12"CI NE=921.03
12"CI S=921.09

RCB-22
RIM=928.01
8"CI NE=923.37
8"CI S=923.47

PLUG

RCB-20
RIM=927.50
8"CI N=922.82
6"PVC S=924.50
8"CI SW=923.00

RMH-21
RIM=927.68
10"CI N=920.82
10"CI SW=920.88

WKLLC LAGOONS
LAGOON HUT GRATE
RIM=927.66
18"STEEL N=917.36
8"STEEL W=921.46

RMH-18
RIM=928.05
15"TILE SW=920.87
12"TILE SE=917.85
PIPE NW=917.77
PIPE NE=920.75

WORLD KITCHEN, LLC
CORNING INCORPORATED

DRAINAGE GRATE

FORMER PUMP HOUSE (FIRE)

RMH-18A
RIM=927.95
8"CI NE=921.88
8"CI S=922.04

TANK OVERFLOW

RCB-19
RIM=927.24
6"PVC N=925.62

APPROXIMATE LOCATION AS SHOWN ON WKLLC DRAWING

WATER TANK

RMH-17
RIM=927.59
8"CI N=921.90
8"CI S=922.00

RMH-16
RIM=928.79
INV=917.71
24"CONC.

EX RMH-15
INV IN 918.0
DIVERSION STRUCTURE

WET WELL
PUMP STATION

RMH-15
RIM=930.10
15"CI N=918.10
15"CI S=918.00
BOTTOM CHAMBER =918.72

RMH-15A
RIM=928.10
24"TILE N.=917.80
15"TILE S.=917.90
15"TILE W.=919.00

THIS CONNECTION VERIFIED WITH DYE AND VIDEO

ELECTRIC MH

"TEE" OBSERVED ON VIDEO

RCB-6
RIM=928.53
18"TILE NE=918.93
18"TILE S=918.98

METAL SHED

ENGIN. BLDG. (EQUALIZATION PUMPS)

SHED

4" PVC

WK CB 29
RIM=927.30
8"STEEL W=925.90
6"STEEL N=925.85
4"PVC N=926.45

EXISTING CONCRETE PLUG

PIPE SEALED WITH CONCRETE – EXISTING

WATER VALVE MANHOLES

RCB-5
RIM=927.62
15"TILE N=919.50
15"TILE S=919.54
6"PIPE E=924.50

COVERED MANHOLE
SHOWN ON WKLLC DRAWING
NOT FIELD LOCATED
NUMBERS PLUG OBSERVED ON VIDEO

BUILDING

WORLD KITCHEN, LLC
CORNING INCORPORATED

BUILDING

CULLET STORAGE BUILDING

NEW BATCH UNLOADING BUILDING

DRAIN/GRATE

RCB-10
RIM=927.51
12"STEEL N=919.76
12"STEEL S=920.31

RCB-12
RIM=927.70
12"TILE SW=924.80
6"PVC N =925.67
2" GALV W=926.00

RCB-11B
RIM=927.31
15"TILE NW=919.81
12"TILE NE=921.01
10"CMP E=922.96
15"TILE S=919.91
TILE NW =925.11

ELECT. MANHOLE

LEGEND:

- PROPERTY BOUNDARY
- BUILDING
- FENCE
- RAILROAD
- PIPES AND STRUCTURES TO REMAIN
- PIPES AND STRUCTURES TO BE ABANDONED IN PLACE - PIPES TO BE FILLED WITH FLOWABLE FILL
- STRUCTURES TO BE DEMOLISHED
- RMH-4 MAN HOLE
- RCB-5 CATCH BASIN
- CB INV 918.7 CATCH BASIN
- POLE

REV. 9/13/12

N
W E
S

0 20 40 60 80
SCALE IN FEET

HALEY & ALDRICH

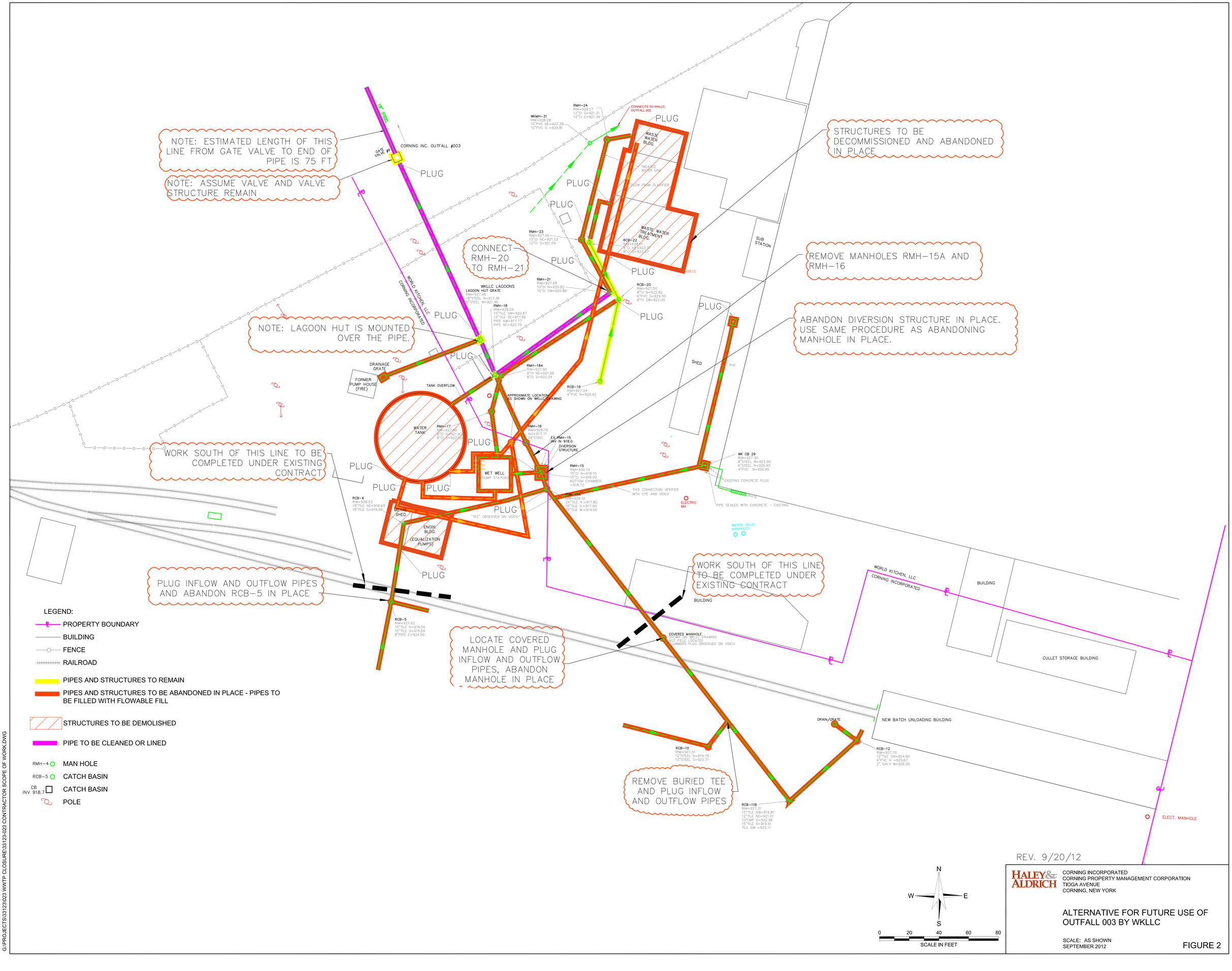
CORNING INCORPORATED
CORNING PROPERTY MANAGEMENT CORPORATION
TIOGA AVENUE
CORNING, NEW YORK

WASTEWATER TREATMENT PLANT CLOSURE

SCALE: AS SHOWN
SEPTEMBER 2012

FIGURE 1

G:\PROJECTS\33123013 WK\ PLANT EXPANSION\WWTP CLOSURE\FIGURES\33123-023_PLANTCLOSURE-FIGURE 1.DWG



REV. 9/20/12

HALEY & ALDRICH

CORNING INCORPORATED
CORNING PROPERTY MANAGEMENT CORPORATION
TIOGA AVENUE
CORNING, NEW YORK

ALTERNATIVE FOR FUTURE USE OF OUTFALL 003 BY WKLLC

SCALE: AS SHOWN
SEPTEMBER 2012

FIGURE 2

G:\PROJECTS\33123\023 WWTP CLOSURE\33123-023 CONTRACTOR SCOPE OF WORK.DWG

Dig Safely. New York — Call 811 before you dig

Well No.	Well Elevations (ft) Ground Surface	Depth of Well	Bottom of Well	PVC Riser and Screen Interval Approximate Elevation (ft)	Length of Screen (ft)	Top of Riser	Length of Riser (ft)
B129 MW	926.95	29	897.95	908.0 - 898.0	10.0	929.31	21.36
B143 MW	928.89	28	900.89	910.9 - 900.9	10.0	928.43	17.54
B144 MW	927.88	28	899.88	909.9 - 899.9	10.0	927.40	17.52
B145 MW	927.15	28	899.15	909.2 - 899.2	10.0	926.66	17.51
B146 MW	924.21	26	898.21	908.2 - 898.2	10.0	923.78	15.57
B147 MW	927.19	26	901.19	911.2 - 901.2	10.0	923.72	12.53
B246 MW	927.85	30.5	897.35	907.5 - 897.5	10.0	927.46	20.01
B247 MW	927.92	70.5	857.42	867.7 - 857.7	10.0	927.33	59.61
B248 MW	924.98	70	854.98	866.1 - 856.1	10.0	924.64	58.56
B249 MW	928.73	70	858.73	868.9 - 858.9	10.0	928.37	59.44
B250 MW	928.02	28	900.02	910.3 - 900.3	10.0	927.56	17.24
B251 MW	928.79	28	900.79	911.1 - 901.1	10.0	928.48	17.39
B252 MW	927.74	28	899.74	909.9 - 899.9	10.0	927.27	17.33

All PVC well screens and risers are 2 inch diameter.

REMOVE RCB-5 AND PLUG INFLOW AND OUTFLOW PIPES

STORM INLET TO BE ABANDONDED IN PLACE. PLUG INFLOW AND OUTFLOW PIPES. THIS WORK TO BE DONE PRIOR TO ANY OTHER WORK NORTH OF THE RAIL ROAD TRACKS.

INSTALLATION OF STORM DRAIN UNDER THE RAILROAD TRACKS MAY BE COMPLETED USING OPEN CUT METHODS. TRACKS, BALLAST, SUBGRADE, ETC. MUST BE RETURNED TO CONDITIONS AT LEAST AS GOOD AS PRE-PROJECT CONDITIONS.

CONTRACTOR TO COORDINATE WITH WK, THROUGH THE OWNER, TO PERFORM ABANDONMENT WORK

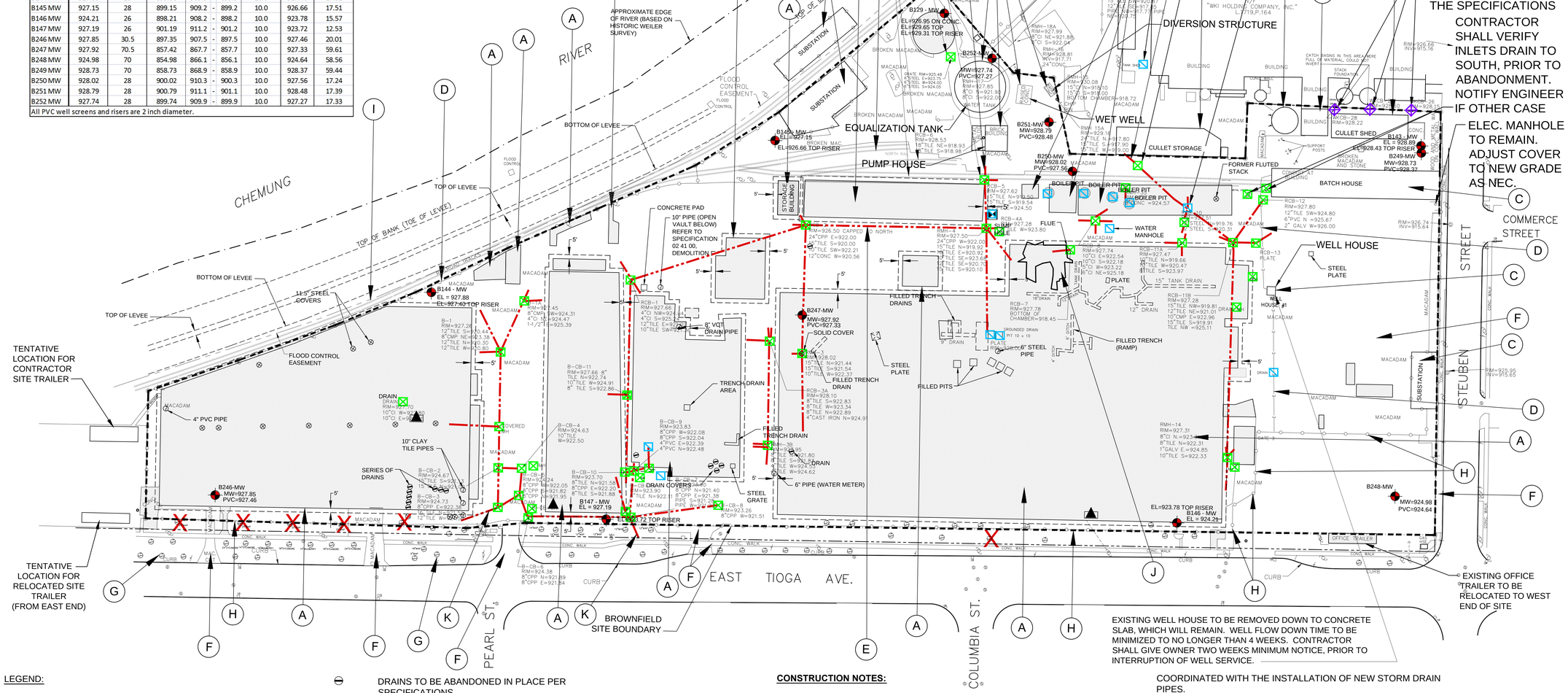
LOCATE AND UNCOVER EXIST. BURIED MANHOLE, ABANDON IN PLACE AND PLUG OUTFLOW PIPE. FILL INFLOW PIPE WILL FLOWABLE FILL, IN ACCORDANCE WITH THE SPECIFICATIONS.

REMOVE BURIED TEE AND FILL INFLOW AND OUTFLOW PIPES WITH FLOWABLE FILL IN ACCORDANCE WITH THE SPECIFICATIONS.

CATCH BASINS (3) TO COMPLETELY REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS

CONTRACTOR SHALL VERIFY INLETS DRAIN TO SOUTH, PRIOR TO ABANDONMENT. NOTIFY ENGINEER IF OTHER CASE

ELEC. MANHOLE TO REMAIN. ADJUST COVER TO NEW GRADE AS NEC.



EXISTING WELL HOUSE TO BE REMOVED DOWN TO CONCRETE SLAB, WHICH WILL REMAIN. WELL FLOW DOWN TIME TO BE MINIMIZED TO NO LONGER THAN 4 WEEKS. CONTRACTOR SHALL GIVE OWNER TWO WEEKS MINIMUM NOTICE, PRIOR TO INTERRUPTION OF WELL SERVICE.

LEGEND:

- BROWNFIELD SITE BOUNDARY
- PROPERTY LINE
- 928 ELEVATION CONTOUR LINE
- FENCE
- EXISTING CONCRETE TO BE DEMOLISHED. (SHOWING 5' OFFSET, SEE NOTE 2)
- MONITORING WELLS TO BE ABANDONED PER SPECIFICATIONS
- UTILITIES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- MANHOLES, CATCH BASINS, STORM DRAIN STRUCTURES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- PIT, SUMP, DRAINAGE STRUCTURES TO BE ABANDONED IN-PLACE PER SPECIFICATIONS
- CATCH BASINS TO BE COMPLETELY REMOVED AS PER SPECIFICATIONS.
- EXISTING TREE TO BE REMOVED AS PER SPECIFICATIONS.
- SUMP PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- ELEVATOR PIT PREVIOUSLY ABANDONED. REFER TO DETAIL (__ / C-11) FOR REMAINING WORK.
- STEEL PLATE LOCATING UTILITY BELOW TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- BOILER PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- VERTICAL PIPE AT SURFACE TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- DRAINS TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- PLATE / COVER ABOVE UTILITY TO BE ABANDONED IN PLACE PER SPECIFICATIONS
- PIT TO BE ABANDONED IN PLACE PER SPECIFICATIONS AND DETAIL 9 / C-11.

DRAWING REFERENCE NOTES:

(A) REMOVE EXISTING CONCRETE PADS/ SLABS AND FOUNDATIONS. STOCKPILE ON-SITE FOR CONCRETE RE-USE (SITE FILL) DURING THIS PROJECT.

(B) REMOVE EXISTING STEEL FRAME BUILDING, DISPOSE OF OFF SITE

(C) EXISTING STRUCTURE AND APPURTENANCES TO REMAIN IN PLACE.

(D) PROTECT AND MAINTAIN OPERATION OF EXISTING ELECTRICAL LINES.

(E) ALL UNDERGROUND STORM DRAIN PIPES SHALL BE FILLED WITH FLOWABLE FILL AS PER THE SPECIFICATIONS AND ABANDONED IN PLACE.

(F) REMOVE AND STOCKPILE ALL MACADAM ASPHALT.

(G) PROTECT ALL TREES TO REMAIN.

(H) EXISTING FENCING TO REMAIN INTACT AND FUNCTIONAL, UNTIL NEW STEUBEN STREET ENTRANCE IS COMPLETED AND FUNCTIONAL. FENCING TO BE REMOVED WHEN REPLACED BY TEMPORARY FENCING ALONG STEUBEN STREET AND TIOGA AVE.

(I) RAILROAD TRACKS ARE ACTIVE AND ARE TO REMAIN. PROTECT AND MAINTAIN OPERATION.

(J) REMOVE REMNANTS OF BURIED FLUE - LIMITS TO BE FIELD VERIFIED. SEGREGATE FLUE DEBRIS FOR TESTING AND OFFSITE DISPOSAL. REFER TO SPECIFICATION 02 41 00 DEMOLITION.

(K) PIPE TO ONLY BE PLUGGED AT MANHOLE. DO NOT FILL THIS PIPE.

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL REMOVE ALL ENCOUNTERED UTILITIES WITHIN DESIGNATED 5' OFFSET AREAS IF LESS THAN 2' BELOW EXISTING GRADE. CAP AND PLUG BOTH ENDS OF CUT UTILITIES AT 5' OUTSIDE DESIGNATED AREAS.
2. CONTRACTOR SHALL CUT AND REMOVE ENCOUNTERED UTILITIES AND SURFACE DRAINS, IN ALL DIRECTIONS, WITHIN AREAS DESIGNATED FOR REMOVAL IF LESS THAN 2' BELOW EXISTING GRADE SURFACE.
3. CONTRACTOR SHALL DOCUMENT AND SUBMIT RECORD DRAWINGS OF ALL CAPPED OR PLUGGED UTILITIES THAT WILL REMAIN IN PLACE.
4. SAW CUT PAVEMENT FULL DEPTH AT LOCATIONS ADJACENT TO PAVEMENT TO REMAIN.
5. NOTIFY THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (U.F.P.O.) AT LEAST TWO (2) WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 1-800-962-7962 OR 811 FOR A UTILITY STAKE-OUT.
6. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE WORLD KITCHEN PROPERTY AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS (THROUGH CORNING) 24 HOURS IN ADVANCE WHEN THEIR ACCESS DRIVE MAY BE TEMPORARILY INACCESSIBLE. THE CONTRACTOR WILL LIMIT INACCESSIBILITY TO A 5 MINUTE MAXIMUM WAIT FOR ANY VEHICLE AND WILL WORK TO RESTORE TEMPORARY ACCESS IMMEDIATELY FOR EMERGENCY VEHICLES. TEMPORARY ACCESS SHALL BE RESTORED OVERNIGHT AND AT ALL TIMES OF NON-WORK AT THE ACCESS ROUTE.
7. ALL VEHICLES WITHIN THE BROWNFIELD SITE BOUNDARY THAT TRAVERSE EXPOSED SITE SOIL AND/OR FILL NOT COVERED BY A DEMARCATION LAYER, SHALL UTILIZE THE TRUCK ASH/DECON PAD, PRIOR TO EXITING THE SITE, IN ACCORDANCE WITH THE SITE MANAGEMENT PLAN REQUIREMENTS. REFER TO DTL. DWG. C-12.
8. ABANDONMENT OF EXISTING STORM DRAIN PIPES SHALL BE COORDINATED WITH THE INSTALLATION OF NEW STORM DRAIN PIPES.
9. EXISTING UTILITIES IDENTIFIED TO REMAIN INCLUDE, BUT ARE NOT LIMITED TO, SERVICES/UTILITIES TO: THE SUBSTATIONS, ELECTRIC MANHOLE (SE OF BATCH HOUSE), WELL HOUSE (ELECTRIC ONLY) AND WORLD KITCHEN PROPERTY FACILITIES.
10. ALL CONCRETE STRUCTURES, FEATURES, VAULTS, ETC. (PREVIOUSLY ABANDONED OR TO BE ABANDONED) ARE TO BE BURIED OR COVERED IN ACCORDANCE WITH DETAIL 9 / C-11.
11. EXISTING FRAMES/GRATES (TO REMAIN) WITHIN THE NEW PAVEMENT AREAS, NORTH OF THE RAILROAD TRACKS AND BATCH HOUSE ARE TO BE ADJUSTED TO GRADE.
12. ONSITE PIPES, DRAINS, CONDUITS, ETC. ENCOUNTERED DURING EXCAVATION OR GRADING SHALL BE REMOVED WITHIN THE LIMITS OF EXCAVATION AND THE OPEN ENDS PLUGGED OR CAPPED BELOW EXISTING GRADE, EXCEPT AS STATED IN NOTE 1.
13. EXISTING FENCING TO BE REMOVED UPON PROJECT COMPLETION, FROM: STEUBEN STREET (FROM SE CORNER OF BATCH HOUSE TO SUBSTATION FENCE), SOUTH OF SUBSTATION FENCE AND ACROSS SE PARKING AREA TO EAST TIOGA AVENUE, ALONG THE EAST TIOGA AVENUE FRONTAGE TO THE NEW ORNAMENTAL FENCE, NEAR THE NW PROPERTY CORNER. CONTRACTOR SHALL MAINTAIN FENCING (EXISTING OR TEMPORARY) FOR SECURITY FOR THE DURATION OF THE PROJECT
14. REFER TO DWG. 1.1 FOR CONCRETE AND ADDITIONAL SITE COVER INFORMATION

DRAWING NOTES:

BASE MAP INFORMATION

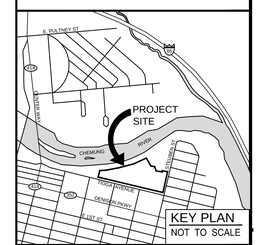
BASE MAPPING PROVIDED BY SURVEY MAP ENTITLED "CORNING PROPERTY MANAGEMENT CORP, (FALLBROOK PLANT), CITY OF CORNING, STEUBEN COUNTY, NEW YORK", DATED NOVEMBER 2010, JOB NO. 13989.05 MAP PREPARED BY WEILER ASSOCIATES LICENSED LAND SURVEYORS, LOCATED AT 206 GARDNER ROAD, HORSEHEADS, NY 14845.

N E S W

0 50 100 150 200
SCALE IN FEET

HALEY & ALDRICH

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623-4264
585.359.9000
585.359.4650
HaleyAldrich.com



Project No.:	33123-019
Scale:	AS SHOWN
Date:	APRIL 30, 2012
Autocad File:	
Drawn By:	KRH
Designed By:	KRH
Checked By:	JDB
Approved By:	JDB
Stamp:	

Rev.	Description	By	Date
1	FOR CONSTRUCTION	HA	04/30/12

TIOGA AVENUE
PASSIVE PARK DEVELOPMENT
NEW YORK STATE BCA SITE
NO. C851031
CORNING, NEW YORK

DEMOLITION PLAN

Sheet: 5 OF 29 | Issue: 1

C-2

C:\USERS\KHURLEY\DESKTOP\33123-019-TIOGA AVE PARK DEVELOPMENT PLAN_CONSTRUCTION DRAWINGS_F.DWG

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623

Tel: 585.359.9000
Fax: 585.359.4650
HaleyAldrich.com

HALEY&
ALDRICH

MEMORANDUM

17 October 2012
File No. 33123-023

TO: NYSDEC Region 8, Division of Water
Nancy Rice

C: Corning Incorporated
Tracy Hall, Mike Ford

FROM: Haley & Aldrich
Ed Hynes

SUBJECT: Clarification Request
Closure Work Plan-Former Fall Brook WWTP
SPDES NY0003981, Corning Incorporated
NYSDEC BCP Site No. C851031
Corning, Steuben County, NY

As followup to our conversation this morning, we are providing this memorandum at the request of Corning Incorporated to request your incremental approval limited to cleaning and dismantling the WWTP as described in the above referenced Closure Work Plan. We are making this request as it is necessary to initiate the work within the next two weeks so that it can be completed before the advance of winter weather. We understand that the Department's review and approval for terminating the Corning SPDES permit and associated closure or upgrade of Outfall pipe 003 will be provided subsequently. Therefore, other than cleaning pipes during the WWTP dismantling process we will not undertake work in Outfall 003 pipe absent the Department's approval for that activity.

New York State Department of Environmental Conservation
Division of Water, Region 8
6274 East Avon-Lima Road, Avon, New York 14414-9516
Phone: (585) 226-5450 • **Fax:** (585) 226-9485
Website: www.dec.ny.gov

Joe Martens
Commissioner

October 23, 2012

Mr. Edward L. Hynes, Vice President
Haley & Aldrich of New York
200 Town Centre Drive, Suite 2
Rochester, New York 14623

Dear Mr. Hynes:

Re: Former Fallbrook Closure Plan
SPDES Permit NY-0003981
Corning (C), Steuben County

The closure plan, received by this office on September 21, 2012, is currently under consideration. Subsequently, I received your correspondence dated October 17, 2012 requesting to proceed only with the cleaning and dismantling of the wastewater treatment plant (WWTP).

It is agreeable to the Department to perform certain closure activities. As described in your most recent request, the cleaning of existing piping and dismantling of the WWTP, including the appropriate disposal of any residuals, can commence pursuant to the following conditions:

- Decommissioning of the WWTP is accomplished in accordance with the "Planned Scope and Sequencing for WWTP Decommissioning" described in the September 2012 Closure Work Plan.
- All activities must be done in accordance with the approved Site Management Plan pursuant to the Brownfield Cleanup Agreement with the Department.
- Please be advised that whether any piping is sealed and abandoned in place or transferred to World Kitchens, all piping must be first be cleaned. Page1of the September report states that it will be cleaned *and/or* lined (emphasis added).
- Within 30 days of the completion of the activities discussed above, a narrative report, including disposal locations of all residuals, shall be submitted to my attention.

Please keep me apprised as to the negotiations with World Kitchens regarding ultimate outfall 003 ownership, in addition to the permit required for work on the Flood Control structure as discussed with Jim Lynch of this office. If you have any questions, please feel free to contact me at 585-226-5453 or NJRice@gw.dec.state.ny.us.

Sincerely

Nancy J. Rice

Nancy J. Rice
Environmental Engineer 1
Division of Water

cc: Mike Ford/Tracy Hall – Corning Incorporated
Tim Schneider – Division of Environmental Remediation, Region 8
Catherine Hardison – Division of Water, Albany

Haley & Aldrich of New York
200 Town Centre Drive
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Rochester, NY 14623

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HaleyAldrich.com

HALEY&
ALDRICH

REVISED 31 October 2012
File No. 33123-021

Nancy J. Rice
Environmental Engineer I
NYS Department of Environmental Conservation
Division of Water
6274 East Avon-Lima Road
Avon, NY 14414

Subject: Discharge of Water from the Corning Waste Water Treatment Facility
SPDES No. NY-0003981
Corning (C), Steuben County

Dear Nancy:

This letter is written on behalf of Corning Incorporated (Corning) and follows your recent conversation with Michael Ford about discharging water from the WWTF clarifiers through SPDES Outfall 003. The water from the east clarifier and west clarifier has been tested for the subject permit SPDES discharge parameters, plus arsenic and 1,1,1 TCA. No additional water or solids have been added to the clarifiers since the samples were taken and none will be added in the future. The results are summarized in the attached Table 1, and the corresponding laboratory reports are attached to this letter. The Table shows that all of the tested parameters meet the discharge criteria for the subject permit. Compliance with the subject permit will be based on these pre-discharge sampling results.

There is little or no sediment in the east clarifier and approximately 3-4 feet of sediment in the west clarifier. The planned procedure for discharging the clarifier water follows:

- A temporary pump will be used to transfer the water from each clarifier to one of the nearby manholes which are located on the existing treated water discharge line (RMH-23, RMH-21, or RMH-18). The water would flow by gravity to Outfall 003 via the same pipes which normally transfer treated water from the WWTF to Outfall 003.

- The pump will be located outside the clarifiers with a suction line used inside the clarifiers.

- The suction line will be placed no closer than 2 feet from the top of sediment in the west clarifier. Due to the lack of sediment in the east clarifier, the suction line will be placed no closer than 0.5 feet from the bottom of the east clarifier.

- The suction line and water entering the suction line will be visually monitored during pumping and the line will be moved or the pumping will be stopped if it appears that sediment-laden water is entering the suction line.

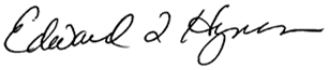
- The pump will discharge to the manhole through a 50-micron filter as a precautionary item to mitigate the possibility that limited solids will be discharged under this approach.

After the water has been removed from the clarifiers as described above, sludge will be removed and disposed off-site at a permitted facility. The clarifiers will be pressure washed and the residual water stored prior to being taken off-site for disposal at a permitted facility. The clarifiers will then be abandoned in-place.

Water from the wet well, which is located upstream from and is isolated from the WWTF, will be pumped into a frac tank or tanks. The water will be discharged off-site at a permitted facility. The wet well will be pressure washed and the residual water stored prior to being taken off-site for disposal at a permitted facility. The wet well will then be abandoned in-place.

Based on the testing results and use of the procedure outlined above, Corning requests your approval to discharge the water contained in the two clarifiers through Outfall 003.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



Edward Hynes
Vice President

Attachment

c: Tracy Hall, Corning Incorporated
Michael Ford, Corning Incorporated

Table 1. Water Quality Test Results for the East and West Clarifiers

Parameter	Effluent Limit/Action Level	East Clarifier ID# 0908-101512-1345 (Sampled 10/15/12)	West Clarifier ID# 0908-101512-1355 (Sampled10/15/12)
Flow (Estimated Water Volume)	MGD	29,000 gal	72,000 gal
Temp.	80 degrees F	59 degrees F	57 degrees F
BOD	10 mg/l	BDL (5.00)	BDL
pH	6-9 SU	7	7
TSS	50 mg/l	2.7	5.8
O&G	15 mg/l	BDL (5.00)	BDL (5.6)
Lead	0.15 mg/l	BDL (0.0050)	BDL (0.010)
Aluminum	4 mg/l	BDL (0.10)	BDL (0.10)
Antimony	0.18 lb/day	0.0048 [1]	0.0120 [1]
Boron	2.7 mg/l	0.94	1.9
Magnesium	27 mg/l	20.0	17.0
Fluoride	3.8 mg/l	0.61	1.4
Manganese	0.6 mg/l	BDL (0.010)	BDL (0.010)
Zinc	0.25 mg/l	0.032	BDL (0.030)
Surfactant	0.4 mg/l	BDL (0.10)	BDL (0.10)
Ethylene Glycol	1.0 mg/l	< 1.0 mg/l [3]	< 1.0 mg/l [3]
Additional Parameters Tested During Brownfield Construction Project			
Arsenic	0.15 mg/l mg/l	BDL (0.020)	BDL (0.020)
1,1,1 Trichloroethane	0.05 lb/day	0.00024 [2]	0.00060 [2]

Note 1: Concentration of Antimony in both samples was below detection limit (BDL), with a detection limit of 0.02 mg/l. Load in lb/day was calculated using the detection limit and volume of clarifier, assuming the clarifier is discharged in one day.

Note 2: Concentration of 1,1,1 TCA in both samples was below detection limit (BDL), with a detection limit of 0.001 mg/l. Load in lb/day was calculated using the detection limit and volume of clarifier, assuming the clarifier is discharged in one day.

Note 3: Laboratory analysis was completed for Total Glycol. Results were 0.94 mg/l for the east clarifier and 0.15 mg/l for the west clarifier. Since Ethylene Glycol is only one component of Total Glycol, the concentration of Ethylene Glycol in both samples has to be <1.0 mg/l.

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

Report Summary

Tuesday October 23, 2012

Report Number: L600952
Samples Received: 10/16/12
Client Project: 33123-021

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

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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

ESC LAB SCIENCES
YOUR LAB OF CHOICE

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Mt. Juliet, TN 37122
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1-800-767-5859
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REPORT OF ANALYSIS

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

October 23, 2012

ESC Sample # : L600952-01

Site ID :

Project # : 33123-021

Date Received : October 16, 2012
Description : Tioga

Sample ID : 0908-101512-1345

Collected By : Corey Barnett
Collection Date : 10/15/12 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Fluoride	0.61	0.10	mg/l	300.0	10/18/12	1
BOD	BDL	5.00	mg/l	SM5210B	10/21/12	1
MBAS	BDL	0.10	mg/l	5540C	10/17/12	1
Oil & Grease (Hexane Extr)	BDL	5.0	mg/l	1664A	10/17/12	1
Dissolved Solids	490	10.	mg/l	2540C	10/18/12	1
Suspended Solids	2.7	1.0	mg/l	2540D	10/19/12	1
Aluminum	BDL	0.10	mg/l	200.7	10/19/12	1
Antimony	BDL	0.020	mg/l	200.7	10/20/12	1
Arsenic	BDL	0.020	mg/l	200.7	10/19/12	1
Boron	0.94	0.20	mg/l	200.7	10/19/12	1
Lead	BDL	0.0050	mg/l	200.7	10/19/12	1
Magnesium	20.	0.10	mg/l	200.7	10/19/12	1
Manganese	BDL	0.010	mg/l	200.7	10/19/12	1
Zinc	0.032	0.030	mg/l	200.7	10/19/12	1
Volatile Organics						
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	10/17/12	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	10/17/12	1
Dibromofluoromethane	93.0		% Rec.	8260B	10/17/12	1
a,a,a-Trifluorotoluene	101.		% Rec.	8260B	10/17/12	1
4-Bromofluorobenzene	103.		% Rec.	8260B	10/17/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 10/23/12 15:43 Printed: 10/23/12 1

ESC LAB SCIENCES
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Mt. Juliet, TN 37122
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REPORT OF ANALYSIS

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

October 23, 2012

Date Received : October 16, 2012
Description : Tioga

Sample ID : 0908-101512-1355

Collected By : Corey Barnett
Collection Date : 10/15/12 13:55

ESC Sample # : L600952-02

Site ID :

Project # : 33123-021

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Fluoride	1.4	0.10	mg/l	300.0	10/18/12	1
BOD	BDL	5.00	mg/l	SM5210B	10/21/12	1
MBAS	BDL	0.10	mg/l	5540C	10/17/12	1
Oil & Grease (Hexane Extr)	BDL	5.6	mg/l	1664A	10/17/12	1
Dissolved Solids	430	10.	mg/l	2540C	10/22/12	1
Suspended Solids	5.8	1.0	mg/l	2540D	10/19/12	1
Aluminum	BDL	0.10	mg/l	200.7	10/19/12	1
Antimony	BDL	0.020	mg/l	200.7	10/20/12	1
Arsenic	BDL	0.020	mg/l	200.7	10/19/12	1
Boron	1.9	0.20	mg/l	200.7	10/19/12	1
Lead	BDL	0.010	mg/l	200.7	10/19/12	2
Magnesium	17.	0.10	mg/l	200.7	10/19/12	1
Manganese	BDL	0.010	mg/l	200.7	10/19/12	1
Zinc	BDL	0.030	mg/l	200.7	10/19/12	1
Volatile Organics						
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	10/17/12	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	10/17/12	1
Dibromofluoromethane	92.9		% Rec.	8260B	10/17/12	1
a,a,a-Trifluorotoluene	100.		% Rec.	8260B	10/17/12	1
4-Bromofluorobenzene	101.		% Rec.	8260B	10/17/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 10/23/12 15:43 Printed: 10/23/12 1

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Fax (615) 758-5859

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REPORT OF ANALYSIS

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

October 23,2012

Date Received : October 16, 2012
Description : Tioga

Sample ID : 0908-101512-1405

Collected By : Corey Barnett
Collection Date : 10/15/12 14:05

ESC Sample # : L600952-03

Site ID :

Project # : 33123-021

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Fluoride	3.9	0.10	mg/l	300.0	10/18/12	1
BOD	6.90	5.00	mg/l	SM5210B	10/21/12	1
MBAS	BDL	0.10	mg/l	5540C	10/17/12	1
Oil & Grease (Hexane Extr)	BDL	5.3	mg/l	1664A	10/17/12	1
Dissolved Solids	440	10.	mg/l	2540C	10/22/12	1
Suspended Solids	290	1.0	mg/l	2540D	10/19/12	1
Aluminum	0.40	0.10	mg/l	200.7	10/19/12	1
Antimony	BDL	0.020	mg/l	200.7	10/20/12	1
Arsenic	BDL	0.020	mg/l	200.7	10/19/12	1
Boron	7.1	0.20	mg/l	200.7	10/19/12	1
Lead	0.015	0.0050	mg/l	200.7	10/23/12	1
Magnesium	16.	0.10	mg/l	200.7	10/19/12	1
Manganese	0.023	0.010	mg/l	200.7	10/19/12	1
Zinc	0.084	0.030	mg/l	200.7	10/19/12	1
Volatile Organics						
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	10/17/12	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	10/17/12	1
Dibromofluoromethane	94.6		% Rec.	8260B	10/17/12	1
a,a,a-Trifluorotoluene	100.		% Rec.	8260B	10/17/12	1
4-Bromofluorobenzene	103.		% Rec.	8260B	10/17/12	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.

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Reported: 10/23/12 15:43 Printed: 10/23/12 1

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

October 31, 2012

J Babcock
Corning, Inc.
1 River Front Plaza
Mt-HQ-01-E08
Corning, NY 14831

TEL: (607) 974-6923
FAX: (607) 974-0805

Work Order No: 121030025

RE: Tioga Ave
Corning, NY

Dear J Babcock:

Adirondack Environmental Services, Inc received 2 samples on 10/30/2012 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

Tara Daniels
Laboratory Manager

Adirondack Environmental Services, Inc

CASE NARRATIVE

CLIENT:	Corning, Inc.	**Date:** *31-Oct-12*
Project:	Tioga Ave	
Lab Order:	121030025	

Sample containers were not supplied by Adirondack Environmental Services.

Qualifiers:

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

Note : All Results are reported as wet weight unless noted

Adirondack Environmental Services, Inc

Date: *31-Oct-12*

CLIENT: Corning, Inc.
Project: Tioga Ave
Corning, NY

LabWork Order: 121030025
PO#:

Lab SampleID: 121030025-001 **Collection Date:** 10/29/2012
Client Sample ID: 0908-102912-1500 **Matrix:** WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL GLYCOLS NYSDOH APC-44						Analyst: **RK**
Total Glycol	**0.94**	0.05		mg/L	1	10/30/2012

Lab SampleID: 121030025-002 **Collection Date:** 10/29/2012
Client Sample ID: 0908-102912-1520 **Matrix:** WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL GLYCOLS NYSDOH APC-44						Analyst: **RK**
Total Glycol	**0.15**	0.05		mg/L	1	10/30/2012

New York State Department of Environmental Conservation
Division of Water, Region 8
6274 East Avon-Lima Road, Avon, New York 14414-9516
Phone: (585) 226-5450 • **Fax:** (585) 226-9485
Website: www.dec.ny.gov

Joe Martens
Commissioner

November 1, 2012

Mr. Edward Hynes, Vice President
Haley & Aldrich of New York
200 Town Centre Drive, Suite 2
Rochester, New York 14623

Dear Mr. Hynes:

RE: Corning Fallbrook Wastewater Treatment Facility (WWTF) Closure Activities
SPDES Permit NY-0003981
Corning (C), Steuben County

Your October 31, 2012 revised proposal regarding the discharge of residual wastewater from the two clarifiers at the Corning Fallbrook WWTF been reviewed. This amendment adequately addresses the questions generated by the first submission on October 28th, and documents that the discharges would appear to be in compliance with the current SPDES permit limitations. Therefore, discharge of the remaining liquid portion in the east and west clarifiers may commence in accordance with the following:

- All procedures as described in the 10/13/12 revision are conducted. Additionally, the discharge must maintain compliance with the SPDES permit, and conform to the original September 2102 Closure Workplan and Site Management Plan, as applicable.

- Records shall be maintained to document volume of wastewater decanted and discharged from each unit.

- Records shall be maintained to document the volume of sludge from each unit, the quantity of washwater generated, and the final offsite disposal location.

Records documenting this activity shall be submitted to my attention within 30 days of its completion.

It must be noted that the revised submission includes a brief discussion regarding the wet well, in addition to the analytical information previously provided. The characteristics of the residual water indicate that it needs to be disposed off site. While this structure may be isolated from the wastewater treatment facility, it appears to still receive stormwater. As recently discussed with Mike Ford, I have no information regarding which upstream piping is still in need of cleaning. Therefore, while it is acceptable to appropriately dispose of the existing water in the wet well, please provide a description of additional procedures to ensure that upstream piping is washed and sealed such that the wet well no longer receives contaminated stormwater prior to its final cleaning and abandonment. Please submit offsite disposal records for this activity as well.

If you have any questions, please feel free to contact me at 585-226-5453 or NJRice@gw.dec.state.ny.us.

Sincerely,

Nancy J. Rice

Nancy J. Rice
Environmental Engineer 1
Division of Water

cc: Mike Ford/Tracy Hall, Corning Incorporated
Catherine Hardison, Division of Water Permit, Albany

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623

Tel: 585.359.9000
Fax: 585.359.4650
HaleyAldrich.com

13 November 2012
File No. 33123-023

Ms Nancy Rice
NYSDEC – Region 8
Division of Water
6724 East Avon-Lima Road
Avon, New York 14414

Subject: Former Fallbrook Closure Plan
SPDES Permit NY-0003981
Corning (C), Steuben County

Dear Ms Rice:

We are responding on behalf of Corning Incorporated to your letters of October 30 and November 1, 2012 regarding closure of the Fallbrook Waste Water Treatment Facility (WWTF).

October 30, 2012 Denial of WWTF Closure Plan

The Department's letter of October 30 denied approval of the September 2012 WWTF Closure Plan on the basis that "the plan must propose only one ultimate disposition of physical facilities and must show (1) that sealing the pipe does not pose a safety hazard due to stormwater that could enter the collection system on the World Kitchen side by explaining how that water will now be safely routed, or (2) that World Kitchen agrees, and submits a permit modification request, to add the outfall to their existing SPDES permit."

In response to these items, we are providing this letter to clarify the WWTF Closure Plan in that only one alternative for disposition of Outfall 003 pipe will be implemented that will involve sealing and permanent closure of the pipe in accordance with the procedures described in the WWTF Closure Plan. We understand that World Kitchen is making alternative plans for management of storm water from its property and has advised the Department of such. Accordingly, the WWTF Closure Plan will entail the following process:

- Outfall pipe 003 will be sealed and closed as described in the Fallbrook WWTF Closure Plan dated 20 September 2012.
- Catch basins identified as RCB-19 and RCB-20 will be left open and functional and will be re-routed to the World Kitchen stormwater management system.
- The pipe from WK CB-29 to pipe near RMH-15A will be cleaned and abandoned in place with flowable fill.
- RCB-22 and pipe from RCB-22 to RCB-20 will be cleaned and abandoned in place with flowable fill.
- All other elements of the September 20, 2012 WWTF Closure Plan will be implemented as described in that plan.
- Corning Incorporated will obtain an Article 16 Flood Control Land Use Permit prior to sealing and closure of Outfall Pipe 003 within the flood control easement.

The sealing and permanent closure of Outfall Pipe 003 will occur after World Kitchen LLC completes the modifications to its storm water management facilities as we understand have been reviewed with the Department.

November 1, 2012 Approval for Discharge

The November letter provides approval for discharge of waters that are in compliance with the current SPDES permit limitations and subject to the procedures, record keeping and reporting described therein. The letter states "while it is acceptable to appropriately dispose of the existing water in the wet well, please provide a description of additional procedures to ensure that upstream piping is washed and sealed such that the wet well no longer receives contaminated stormwater prior to its final cleaning and abandonment."

In response to the information request, the following clarification is provided for terminating the wet well:

- The pipes leading to the wet well from the Tioga Avenue BCP property were closed this summer and there has been no flow of stormwater from the BCP property since that time.
- The only discharge to the wet well since that time has been stormwater from the World Kitchen property.
- The stormwater pipes to the wet well from the World Kitchen property are currently being cleaned by power washing and will be sealed by filling with flowable fill as per the WWTF Closure Plan.
- The previous listed activities will be completed prior to final cleaning and abandonment of the wet well.
- These closure activities are being documented and will be reported to the Department as requested.

We appreciate your assistance working through this process and please let us know if there are any other questions or clarifications on this project.

Sincerely,
Haley & Aldrich of New York

Jonathan D. Babcock, P.E.
Senior Engineer

Edward L. Hynes
Vice President

C: Tracy Hall, Corning Incorporated
Mike Ford, Corning Incorporated
Jim Lynch, Region 8 Flood Engineer
Tim Schneider, Division of Environmental Remediation, Region 8
Catherine Hardison, Division of Water, Albany

APPENDIX B

Material Disposal and Management Documentation

Table B-1. WWTP Waste Management List

Date	Manifest Tracking No.	Transporter	Source/Material	Disposal Facility	Net Weight (lbs)	Net Weight (ton)	Quantity (gallons)	Haz/Non-Haz	Profile	Manifest
11/8/2012	009771261 JJK	Hazmat Env. Grp.	Wet Well Sludge	Envirite of Ohio Canton, OH	17,200	8.6		Haz	1	Yes
11/12/2012	009771260 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	10,020	5.01		Non-Haz	2	Yes
11/13/2012	009771335 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	22460	11.23		Non-Haz	2	Yes
11/13/2012	11131201	M&T Transport	Water from wet well	Kodak Rochester, NY		0	7600	Non-Haz	3	Yes
11/14/2012	009771337 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	25780	12.89		Non-Haz	2	Yes
11/14/2012	11141202	M&T Transport	Water from wet well	Kodak Rochester, NY		0	2063	Non-Haz	3	Yes
11/14/2012	11141201	M&T Transport	Water from wet well	Kodak Rochester, NY		0	7440	Non-Haz	3	Yes
11/15/2012	009771338 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	24500	12.25		Non-Haz	2	Yes
11/16/2012	009771336 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	10160	5.08		Non-Haz	2	Yes
11/20/2012	009771339 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	15960	7.98		Non-Haz	2	Yes
11/26/2012	009771340 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	7100	3.55		Non-Haz	2	Yes
11/26/2012	009771341 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	25460	12.73		Non-Haz	2	Yes
11/27/2012	009771342 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	29300	14.65		Non-Haz	2	Yes
11/27/2012	009771334 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	27780	13.89		Non-Haz	2	Yes
11/27/2012	009771343 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	35000	17.5		Non-Haz	2	Yes
11/29/2012	009771367 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	31560	15.78		Non-Haz	2	Yes
11/29/2012	009771368 JJK	Hazmat Env. Grp.	Clarifier sludge	EQ Detroit Detroit, MI	26920	13.46		Non-Haz	2	Yes
11/29/2012	1129201201	M&T Transport	Line Cleaning Water	Kodak Rochester, NY		0	5543	Non-Haz	3	Yes
11/30/2012	1130201201	M&T Transport	Line Cleaning Water	Kodak Rochester, NY		0	1473	Non-Haz	3	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Brown Tank contents	EQ Detroit Detroit, MI	3000	1.5		Haz	4	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	WWTP Sludge/sweepings/ culligan solids	EQ Detroit Detroit, MI	1800	0.9		Haz	5	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Chargepac coagulant	EQ Detroit Detroit, MI	1000	0.5		Non Haz	6	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Amerfloc polymer	EQ Detroit Detroit, MI	100	0.05		Non Haz	7	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Drewplus foam control	EQ Detroit Detroit, MI	60	0.03		Non Haz	8	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Mobil SHC 629	EQ Detroit Detroit, MI	38	0.02		Non Haz	9	Yes
1/29/2013	009662608 JJK	Freehold Cartage Inc.	Acheson JH 71405	EQ Detroit Detroit, MI	46	0.02		Non Haz	10	Yes
2/6/2013	009662611 JJK	Hazmat Env. Grp.	WWTP Sludge/sweepings/ culligan solids	Envirite of Ohio Canton, OH	10406	5.20		Haz	11	Yes
		TOTAL Non Haz				146.622	24119			
		TOTAL Haz				7.60	0			

Table B-2. WWTP Construction and Demolition (C&D) Debris

Date	Ticket No.	Transporter	Source	Disposal Facility	Quantity (tons)	Profile	Weigh Ticket
11/1/2012	3231223	Doug Gross	WWTP Bldg 1	Steuben County Landfill	5.57	12	Y
11/8/2012	3231968	Doug Gross	WWTP Bldg 1	Steuben County Landfill	2.75	12	Y
11/12/2012	3232426	Ricelli	Eng Bldg Demo (Non-Friable ACM)	Steuben County Landfill	2.57	12	Y
11/14/2012	3232650	Doug Gross	Engineering Bldg Demo	Steuben County Landfill	16.1	12	Y
11/14/2012	3232679	Doug Gross	Engineering Bldg Demo	Steuben County Landfill	5.86	12	Y
11/16/2012	3232888	Doug Gross	Engineering Bldg Demo	Steuben County Landfill	12.03	12	Y
11/29/2012	3234266	Doug Gross	Engineering Bldg Demo/Misc debris	Steuben County Landfill	9.49	12	Y
11/29/2012	3234296	Doug Gross	Engineering Bldg Demo/Misc debris	Steuben County Landfill	14.64	12	Y
		TOTAL			69.01		

Table B-3. WWTP Recycled Metals

Date	Transporter	Source	Material	Disposal Facility	Weight (lbs)	Weight (Tons)	Weight ticket
11/2/2012	Swathout Recycling	EQ Tank	Long Steel	Swarthout's Recycling	13400	6.7	Y
11/5/2012	Swathout Recycling	EQ Tank	Long Steel	Swarthout's Recycling	20500	10.25	Y
11/5/2012	Swathout Recycling	EQ Tank	Long Steel	Swarthout's Recycling	9800	4.9	Y
11/6/2012	Swathout Recycling	EQ Tank/Lamella	Long Steel	Swarthout's Recycling	13420	6.71	Y
11/6/2012	Swathout Recycling	Engineering Bldg/Lamella	long steel	Swarthout's Recycling	13480	6.74	Y
11/12/2012	Swathout Recycling	Engineering Bldg	Mixed Metal	Swarthout's Recycling	10200	5.1	Y
11/12/2012	Swathout Recycling	Engineering Bldg	Mixed Metal	Swarthout's Recycling	7760	3.88	Y
11/13/2012	Swathout Recycling	Engineerng bldg/lamella/WWTP bldg 1 steel	Long Steel	Swarthout's Recycling	8920	4.46	Y
		Total				48.74	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10170 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	CHEMTREC 800-424-9300	009771261 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
ENVIRITE OF OHIO
2050 CENTRAL AVENUE, SE
CANTON, OH 44707

U.S. EPA ID Number: OHD980568992

Facility's Phone: 800-858-9423

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 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D008) 9, PG III	1	TT RS	2000 EST	G	D008		T
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.) WASTE WATER TREATMENT SLUDGE (17776) ERG#171 WTS ORDER # 47075

Box VB1248

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: Michael L FORD Signature: Michael Ford Month: 11 Day: 8 Year: 12

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: JOHN CABIN Signature: Month: 11 Day: 08 Year: 12

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.	2.	3.	4.
H077			

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: JOHN ECKHARDT Signature: John Eckhardt Month: 11 Day: 9 Year: 12

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

DESIGNATED FACILITY TO GENERATOR

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

TTD: 10170

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	CHEMTREC 800-424-9300	009771260 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
1923 Fredrick Street
Detroit, MI 48211
Facility's Phone: 313-347-1300
U.S. EPA ID Number: MID980991566

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. Non-hazardous Clarifier Sludge	1	CM	3200	G	0296
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) Clarifier Sludge from WWT System
K1233638WISDET

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 12 Year 12

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: Edward Hahn
Signature:
Month 11 Day 12 Year 12
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. H141 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: Gerald McCloud
Signature:
Month 11 Day 13 Year 12

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

DESIGNATED FACILITY TO DESTINATION STATE

Facility to Generator

#427

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10205 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	CHEMTREC 800-424-9300	009771335 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		
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	22460 ~~26000~~	P			029L
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K1233638WTSDET)

CONFIRMATION#_____ WTS ORDER # 47227 Box # U455

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: Colen Bowell / C. Bowell for Corning Inc. Signature: C. Bowell Month: 11 Day: 13 Year: 12

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: Robert A. Dabruch Signature: Robert A Dabruch Month: 11 Day: 13 Year: 12
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. LIW 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: Gerald McCloud Signature: Gerald McCloud Month: 11 Day: 14 Year: 12

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

TTD: 10202

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000824425	1	CHEMTREC 800-424-9300	1113120 1

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831
Generator's Phone: 607-974-8818 ATTN:ROBERT OHL

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

6. Transporter 1 Company Name
M&T TRUCKING, INC.
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
EASTMAN BUSINESS PARK
1669 LAKE AVENUE
ROCHESTER, NY 14652-4543
Facility's Phone: 585-722-2121
U.S. EPA ID Number
NYD980592497

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED MATERIAL (NON-HAZARDOUS WASTEWATER)	1	TT		G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS WASTEWATER WTS ORDER # _____

7600 gallons

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Corey Barnett (for Corning Inc.) Signature: C. Barnett Month: 11 Day: 13 Year: 12

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

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Missler Signature: James Missler Month: 11 Day: 13 Year: 12

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

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Anthony Stadnyk Signature: Anthony Stadnyk Month: 11 Day: 13 Year: 12

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10005 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	CHEMTREC 800-424-9300	009771337 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-36-09
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: NYD982076947

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: 313-947-1900

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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	35,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K123&K88&WTSDET)

CONFIRMATION#_____, WTS ORDER # 47227

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: Corey Baden for Corning Inc. Signature: C. Baden Month: 11 Day: 14 Year: 12

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: Month: 11 Day: 14 Year: 12

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.	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: Month: Day: Year:

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

DESIGNATED FACILITY TO GENERATOR

TID: 10202

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000824425	1	CHEMTREC 800-424-9300	11141202

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
M&T TRUCKING, INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
EASTMAN BUSINESS PARK
1669 LAKE AVENUE
ROCHESTER, NY 14652-4543

U.S. EPA ID Number
NYD980592497

Facility's Phone: 585-722-2121

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-REGULATED MATERIAL (NON-HAZARDOUS WASTEWATER)	1	TT		G	
2.						
3.	2ND LOAD 2063 gallons					
4.						

13. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS WASTEWATER WTS ORDER # _____

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Corey Bowen for Corning Inc. | Signature: C. Bowen | Month: 11 | Day: 14 | Year: 12

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

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Missier | Signature: James Missier | Month: 11 | Day: 14 | Year: 12

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Tom Whitmore | Signature | Month: 11 | Day: 14 | Year: 12

TTD: 10202

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000824425	1	CHEMTREC 800-424-9300	11141201

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

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

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

6. Transporter 1 Company Name
M&T TRUCKING, INC.
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
EASTMAN BUSINESS PARK
1669 LAKE AVENUE
ROCHESTER, NY 14652-4543
U.S. EPA ID Number
NYD980592497

Facility's Phone: 585-722-2121

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	NON-REGULATED MATERIAL (NON-HAZARDOUS WASTEWATER)	1	TT		G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS WASTEWATER WTS ORDER # _____

7440gal
$956

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Corey Barnett for Corning Inc
Signature: C. Barn
Month: 11 Day: 14 Year: 12

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

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Mission
Signature: James Mission
Month: 11 Day: 14 Year: 12

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

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Thomas J Abbott
Signature: Thomas J Abbott
Month: 11 Day: 14 Year: 12

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

#427

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10205 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: 009771338 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.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	25000	P	029L
	2.					
	3.					
	4. V265					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K1233638W/TSDET)
CONFIRMATION# 407187 WTS ORDER # 47227 Box # ~~[illegible]~~ V265

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: Coley Barnett for Corning Inc. — Signature: [signature] — Month 11 Day 15 Year 12

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Robert A. Dobrich — Signature: Robert A Dobrich — Month 11 Day 15 Year 12
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

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. C1W 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 15 Year 12

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

DESIGNATED FACILITY TO GENERATOR

#427

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10206 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	CHEMTREC 800-424-9300	009771336 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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	10160 20000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K1233638WTSDET)
CONFIRMATION#_____ WTS ORDER # 47227 V406

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: COREY BIONETT for CORNING INC. Signature: C. Bionett Month: 11 Day: 16 Year: 12

INTL
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: Robert A. Dobrich Signature: Robert A Dobrich Month: 11 Day: 16 Year: 12
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. LW 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: Month: 11 Day: 19 Year: 12

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

#427

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TDD: 18265 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	CHEMTREC [illegible]	009771339 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-08
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
MID980991565

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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	15000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K123968WTSDET)
CONFIRMATION# 3078071 WTS ORDER # 47227 UNIT # V-455

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: Casey Bowen for Corning, Inc. Signature: C. Bowen Month: 11 Day: 20 Year: 12

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: Robert A. Dobrich Signature: Robert A Dobrich Month: 11 Day: 20 Year: 12
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. L IW 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: [illegible] Signature: [illegible] Month: 11 Day: 21 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

418

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10205 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD000824425	2. Page 1 of 1	3. Emergency Response Phone CHEMTREC 800-424-9300	4. Manifest Tracking Number 009771340 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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	Est 22,440	P	0791
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K123868WTSDET)
CONFIRMATION#_____ WTS ORDER # 47227 UNIT # VT1076

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: Corey Rayner for Corning Inc Signature: C. Rayner Month: 11 Day: 26 Year: 12

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: Kevin Moggard Signature: K. Moggard Month: 11 Day: 26 Year: 12

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.	2.	3.	4.
LM			

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: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 16205 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	CHEMTREC 800-424-9300	009771341 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
MID980991565

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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	25,000	P	039L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K123363BWTSDET)
CONFIRMATION# _____ WTS ORDER # 47227 UNIT # V81177

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: Corey Barnett for Corning Inc. Signature: C. Barnett Month: 11 Day: 26 Year: 12

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: E. Hahn Month: 11 Day: 26 Year: 12
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. 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: Month: 12 Day: 5 Year: 12

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

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10209 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: 009771342 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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	EST. 19,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (IC1233638WTSDET)
CONFIRMATION#_______________ WTS ORDER # 47227
UNIT # V396

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: Corey Barnett for Corning Inc. Signature: [signature] Month 11 Day 27 Year 12

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Moggard Signature: [signature] Month 11 Day 27 Year 12
Transporter 2 Printed/Typed Name: Signature: Month Day Year

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. 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: Month 11 Day 28 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TSD: 10205 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	CHEMTREC 800-424-9300	009771334 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-03
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: MID980991564

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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	25,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K123968WTSDET)
CONFIRMATION#_____ WYS ORDER # 47227 UNIT # VB1248

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: Corey Darnell for Corning Inc — Signature — Month: 11 Day: 27 Year: 12

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: Edward Hahn — Signature — Month: 11 Day: 27 Year: 12

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.	2.	3.	4.
L1W			

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: 28 Year: 12

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

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10209 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of: 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: **009771343 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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	35,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (K1233638WTSDET)
CONFIRMATION#_____________ WTS ORDER # 47227
Unit #VB1275

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: Corey Barnett for Corning Inc Signature: C. Barnett Month 11 Day 27 Year 12

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Edward Hwy Signature: [signature] Month 11 Day 27 Year 12
Transporter 2 Printed/Typed Name: Signature: Month Day Year

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. 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 Month Day Year

GENERATOR — TRANSPORTER — INT'L — DESIGNATED FACILITY

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

GENERATOR'S INITIAL COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10305 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	CHEMTREC 800-424-9300	009771367 JJK

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-03
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 CHL

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: MID982961566

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
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	31,560 35,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (IC123368WTSDET)
CONFIRMATIONS _____ WTS ORDER # 47075 UNIT # VB1075

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: Corey DARNETT for Corning Inc. Signature: C. Bonney Month: 11 Day: 29 Year: 12

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: Month: 11 Day: 29 Year: 12

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.	2.	3.	4.
H141			

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: Robert Hamm Signature: Month: 11 Day: 30 Year: 12

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

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) TID: 10265 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: 009771368 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.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM)	1	CM	Est. 29,000	P	029L
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS CLARIFIER SLUDGE FROM WWT SYSTEM (IC1236630WTSDET)
CONFIRMATION#__________ WTS ORDER # 47075
UNIT # VB1007

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: Carl Barnett for Corning Inc — Signature: C. Barnett — Month 11 Day 29 Year 12

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Maggard — Signature: [signature] — Month 11 Day 29 Year 12
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

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. 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: [illegible] — Signature: — Month [illegible] Day [illegible] Year [illegible]

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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

DESIGNATED FACILITY TO GENERATOR

TID: 10202

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000824425	1	CHEMTREC 800-424-9300	11/29/2012 01

GENERATOR

5. Generator's Name and Mailing Address
CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831
Generator's Phone: 607-974-8818 ATTN:ROBERT OHL

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

6. Transporter 1 Company Name
M&T TRUCKING, INC.
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
EASTMAN BUSINESS PARK
1669 LAKE AVENUE
ROCHESTER, NY 14652-4543
Facility's Phone: 585-722-2121
U.S. EPA ID Number
NYD980592497

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	NON-REGULATED MATERIAL (NON-HAZARDOUS WASTEWATER)	1	TT		G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS WASTEWATER WTS ORDER # _____

5543 gals

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: COREY BARNETT FOR CORNING INC. Signature: C. Barnett Month: 11 Day: 29 Year: 12

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Mission Signature: James Mussy Month: 11 Day: 29 Year: 12

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: JOHN NEUBAUER Signature: John Neubauer Month: 11 Day: 29 Year: 12

TID: 10202

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of: 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Waste Tracking Number: 1130201201

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: M&T TRUCKING, INC. — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address:
EASTMAN BUSINESS PARK
1669 LAKE AVENUE
ROCHESTER, NY 14652-4543
U.S. EPA ID Number: NYD980592497

Facility's Phone: 585-722-2121

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON-REGULATED MATERIAL (NON-HAZARDOUS WASTEWATER)	1	TT		G
2.				
3.				
4.				

GENERATOR

13. Special Handling Instructions and Additional Information
1. NON-HAZARDOUS WASTEWATER WTS ORDER # ______________

1473 gal. TA

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Corey Barnett for Corning Inc — Signature: C. Barnett — Month 11 Day 30 Year 12

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: James Missler — Signature: James Missler — Month 11 Day 30 Year 12
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Tom Abbott — Signature: Tom Abbott — Month 11 Day 30 Year 12

[redacted]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) DID: 10920

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of: 2
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: 009662608 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: FREEHOLD CARTAGE, INC.
U.S. EPA ID Number: NJD054126164

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~~		~~CF~~ DM		~~P~~	~~D008~~		
	X	2. RQ NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D008) 9, PG III	9	DM	3,000	P	D008		T
	X	3. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008) 9, PG III	3	DM	1800	P	D008		T
		4. NON-REGULATED MATERIAL (CHARGEPAC 55 COAGULANT)	1	TP	1,000	P			029L

14. Special Handling Instructions and Additional Information

~~1.) WWT SLUDGE/SWEEPINGS/CULLIGAN SOLIDS (~~ A133421OWTSDET ~~)~~ 2.) BROWN TANK CONTENTS (A133423OWTSDET) ERG#171 4.) CHARGEPAC 55 (A1333738WTSDET)275 TP 55DM ERG#171

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: 1 Day: 29 Year: 13

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: Jon Krook
Signature:
Month: 01 Day: 29 Year: 13
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. H111 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:
Month: 1 Day: 30 Year: 13

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.)

DID: 10920

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NYD000824425	22. Page 2 of 2	23. Manifest Tracking Number 009662608JJK

24. Generator's Name: CORNING INCORPORATED
ONE RIVERFRONT PLAZA, MP-39-09
CORNING, NY 14831

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	5. NON-REGULATED MATERIAL (AMERFLOC 285 POLYMER)	1	CF	100	P	~~NONE~~
	6. NON-REGULATED MATERIAL (DREWPLUS ED7250 FOAM CONTROL)	2	DM	60	P	
	7. NON-REGULATED MATERIAL (MOBIL SHC 629)	1	DF	38	P	~~029L~~
	8. NON-REGULATED MATERIAL (ACHESON JH 7140S)	1	DF	46	P	~~021L~~ ~~029L~~

GENERATOR

32. Special Handling Instructions and Additional Information
5.) AMERFLOC 285 POLYMER (A1333740WTSDET)50 LB BOX 6.) DREWPLUS ED7250 FOAM CONTROL (A1333739WTSDET)5DM 7.) MOBIL SHC 629 (A1333737WTSDET)5DF 8.) ACHESON JH 7140S (A1333741WTSDET)5DF

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

35. Discrepancy

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

none	H141	4W	none

EPA Form 8700-22A (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.) DID: 11009 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD000824425
2. Page 1 of: 1
3. Emergency Response Phone: CHEMTREC 800-424-9300
4. Manifest Tracking Number: 009662611 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
ENVIROITE OF OHIO
2050 CENTRAL AVENUE, SE
CANTON, OH 44707
U.S. EPA ID Number: OHD980568992

Facility's Phone: 800-858-0423

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	2000	PEN #	D008		T
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.) WWT SLUDGE/SWEEPINGS/CULLIGAN SOLIDS (A1334230WTSEOH) ERG#171 WTS ORDER # 48118

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: 10 Day: 06 Year: 13

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: Edward Hahn
Signature:
Month: 11 Day: 6 Year: 13
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
RECEIVED 10,400#
Manifest Reference Number:
U.S. EPA ID Number
18b. Alternate Facility (or Generator)
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. H111 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: THOMAS COYLE
Signature:
Month: 12 Day: 10 Year: 13

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

STEUBEN COUNTY D.P.W.

Bill Acct. DOUGGROS 3231225

Material Types | Rate/UM | Vol/QY | lbs | Tip

	Lbs	Tons
Gross	[illegible]	[illegible]
Tare	[illegible]	17.41
NET	11140	5.57

Tip Fee 233.94 @ $42.00/tn

Spec Fee 0.00

========

Total $233.94

Driver: [signature] Weighmaster: [illegible]

STEUBEN COUNTY D.P.W.

DOUGGROS 3231968

Material Types | Rate/UM | Vol/QY | lbs | Tip

	Lbs	Tons
Gross	[illegible]	[illegible]
Tare	[illegible]	17.31
NET	5500	2.75

Tip Fee 115.50 @ $42.00/tn

Spec Fee 0.00

========

Total $115.50

Driver: [signature] Weighmaster: Anna Martin [illegible]

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **RICCELLI** Haul Acct: RICCELLI Tran#: **3232426**
Company: RICCELLI TRUCKING 637 Company: RICCELLI TRUCKING 637
Vehicle# : C6371

	---In---	---Out--
TT = 100 - Commercial BY WEIGH		
PT = 1 - Charge	Date 11/13/12	11/13/12
OT = 1 - Not Specified	Time 08:21	08:40

Material Types	Rate/UM	Vol/QY	lbs	Tip
1010 - Construction Debri		0	5140	

	Lbs	Tons	
Gross	42560	21.28	In/Out: I
Tare	37420	18.71	
NET	**5140**	2.57	

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Anna Martin-Miller 460266

STEUBEN COUNTY D.P.W.

BATH LANDFILL

Bill Acct: DOUGGROS [illegible] 3232650

[illegible]

Material Types	Rate/UM	Vol/QY	lbs	Tip
[illegible]	[illegible]		[illegible]	[illegible]

	Lbs	Tons
Gross	[illegible]	[illegible]
Tare	[illegible]	[illegible]
NET	32200	16.10

Tip Fee 676.20 @ $42.00/tn

Spec Fee 0.00

========

Total $676.20

Driver: [signature] Weighmaster: [illegible]

STEUBEN COUNTY D.P.W.

[illegible]

Bill Acct: DOUGGROS [illegible] 3232679

[illegible]

Material Types	Rate/UM	Vol/QY	lbs	Tip
[illegible]	$42.00/TN		[illegible]	[illegible]

	Lbs	Tons
Gross	[illegible]	[illegible]
Tare	[illegible]	[illegible]
NET	11720	5.86

Tip Fee 246.12 @ $42.00/tn

Spec Fee 0.00

========

Total $246.12

Driver: [signature] Weighmaster: Anna Martin-Ellis, 460266

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: DOUGGROS   Haul Acct: DOUGGROS   Trans#. 3232888
Company: DOUG GROSS CONST INC 28 Company: DOUG GROSS CONST INC 284
Vehicle# : C284)   ---In--- ---Out---
TT = 100 - Commercial 87 WRIO4   Date [illegible] [illegible]
PT = 1 - Charge   Time [illegible] [illegible]
OT = 1 - Not Specified

Material Types	Rate/UM	Vol/OY	lbs	Tip
60.0 - Construction Debri	$42.00/TN	0	24060	$505.26

ENTERED

	Lbs	Tons
Gross	56160	28.08
Tare	32100	16.05
NET	24060	12.03

In/Out: 1

Tip Fee 505.26 @ $42.00/tn
Spec Fee 0.00
========

Total $505.26

VOL/QY/CYD = 0

Driver: [signature] Weighmaster: Anna Martin-Miller 460265

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(4)

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **DOUGGROS** Haul Acct: DOUGGROS Tran#: **3234266**
Company: DOUG GROSS CONST INC 28 Company: DOUG GROSS CONST INC 264
Vehicle# : C2841
TT = 100 - Commercial BY WEIGH
PT = 1 - Charge
OT = 1 - Not Specified

	---In---	---Out--
Date	11/29/12	11/29/12
Time	07:43	07:55

Material Types	Rate/UM	Vol/QY	lbs	Tip
1010 - Construction Debri	$42.00/TN	0	18980	$398.58

ENTERED

	Lbs	Tons			
Gross	51840	25.92	In/Out: I	Tip Fee	398.58 @ $42.00/tn
Tare	32860	16.43		Spec Fee	0.00
NET	18980	9.49			

Total $398.58

VOL/QY/CYD = 0

Driver: Carl O Tuttle Weighmaster: Anna Martin-Miller 460266

P.O# 52405

STEUBEN COUNTY D.P.W.
BATH LANDFILL

Bill Acct: **DOUGGROS** Haul Acct: DOUGGROS Tran#: **3234296**
Company: DOUG GROSS CONST INC 28 Company: DOUG GROSS CONST INC 264
Vehicle# : C2841
TT = 100 - Commercial BY WEIGH
PT = 1 - Charge
OT = 1 - Not Specified

	---In---	---Out--
Date	11/29/12	11/29/12
Time	09:14	09:26

Material Types	Rate/UM	Vol/QY	lbs	Tip
1010 - Construction Debri	$42.00/TN	0	29280	$614.88

ENTERED

	Lbs	Tons			
Gross	61960	30.98	In/Out: I	Tip Fee	614.88 @ $42.00/tn
Tare	32680	16.34		Spec Fee	0.00
NET	29280	14.64			

Total $614.88

VOL/QY/CYD = 0

Driver: Carl O Tuttle Weighmaster: Anna Martin-Miller 460266

P.O# 52405

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Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS ______

COMMODITY long steel

CARRIER ______

LOOP ID 6321
INBOUND DATE INBOUND 11-05-12 36960 lb TIME 9:17AM
OUTBOUND DATE 11-06-12 TIME 11:12AM
46500 lb GROSS
36950 lb TARE
9300 lb NET

DRIVER Shane ______ OFF

SHIPPER ______

WEIGHER ______

License ID No. 440005

Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS ______

COMMODITY Long Steel

CARRIER ______

LOOP ID 01
INBOUND DATE INBOUND 11-05-12 37350 lb TIME 8:21AM
OUTBOUND DATE 11-05-12 TIME 9:07AM
57850 lb GROSS
37350 lb TARE
20500 lb NET

DRIVER Shane ______ OFF

SHIPPER ______

WEIGHER ______

License ID No. 440005

Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS ______

COMMODITY long

CARRIER ______

LOOP ID 619
INBOUND DATE INBOUND 11-02-12 36560 lb TIME 9:23AM
OUTBOUND DATE 11-02-12 TIME 9:35AM
50980 lb GROSS
36500 lb TARE
14480 lb NET

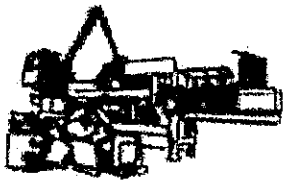
DRIVER Shane ______ OFF

SHIPPER ______

WEIGHER ______

License ID No. 440005

(25)



Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS

COMMODITY Mixed steel

CARRIER

INBOUND DATE 11-13-12 TIME

OUTBOUND DATE 11-13-12 TIME

DRIVER S Hance OFF

SHIPPER

WEIGHER

License ID No. 440005

Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS

COMMODITY Long Steel

CARRIER

INBOUND DATE 11-06-12 TIME

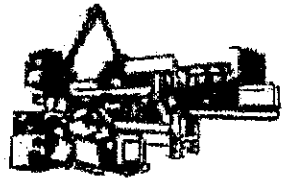
OUTBOUND DATE 11-06-12 TIME

DRIVER Jamie J OFF

SHIPPER

WEIGHER

License ID No. 440005



Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS

COMMODITY Long Steel

CARRIER

INBOUND DATE 11-05-12 TIME

OUTBOUND DATE 11-05-12 TIME

DRIVER Wayne OFF

SHIPPER

WEIGHER

License ID No. 440005

(45)

Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS _____

COMMODITY Larg Steel

CARRIER _____

INBOUND DATE [illegible] TIME [illegible]

OUTBOUND DATE [illegible] TIME [illegible]

DRIVER Dwayne OFF

SHIPPER _____

WEIGHER _____

License ID No. 440005

Swarthout's
RECYCLING
CONTAINER RENTAL
(607) 936-4998

WEIGHED ON A FAIRBANKS SCALE

CUSTOMER'S NAME Ontario Specialties

ADDRESS _____

COMMODITY mixed mtl

CARRIER _____

INBOUND DATE [illegible] TIME [illegible]

OUTBOUND DATE [illegible] TIME [illegible]

DRIVER Shane OFF

SHIPPER _____

WEIGHER _____

License ID No. 440005

(1)

Land Disposal Restriction & Certification Form

WTS# 33338

Please check the appropriate facility:

__	**Michigan Disposal Waste Treatment Plant**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
__	**Wayne Disposal, Inc. Site #2 Landfill**	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
	EQ Detroit, Inc.	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
	EQ Resource Recovery, Inc.	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
__	**EQ North Carolina**	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
__	**EQ Florida, Inc.**	7202 East 8th Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494
✓	**EQ Ohio (Envirite of Ohio)**	2050 Central Avenue, SE, Canton, OH 44707	EPA ID # OHD 980 568 992
	EQ Pennsylvania (Envirite of Pennsylvania)	730 Vogelsong Road, York,PA 17404	EPA ID # PAD 010 154 045

Generator Name: Corning, Inc. **U.S. EPA ID No.:** NYD 000 824 425

Generator Address: Tioga Ave., Corning, NY 14831

State Manifest No.: _____ **Manifest Doc. No.:** _____

Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.
Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
Column 3: Enter the appropriate Subcategory, if applicable. Also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 40 CFR 268.49 (c) – soil, or 40 CFR 268.45 – debris.
Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	D008	NWW	Debris	B	209
11B					
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: Michael Ford **Title:** Sr. Environmental Engineer

Printed Name: Michael Ford **Date:** _____

How Must the Waste Be Managed?

S. THIS CONTAMINATED SOIL *DOES / DOES NOT* (CIRCLE ONE) CONTAIN LISTED HAZARDOUS WASTE AND *DOES / DOES NOT* (CIRCLE ONE) EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND *IS SUBJECT TO / COMPLIES WITH* (CIRCLE ONE) THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Land Disposal Restriction & Certification Form

A. THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C and Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.

B. THIS HAZARDOUS DEBRIS IS SUBJECT TO THE ALTERNATIVE TREATMENT STANDARDS OF 40 CFR 268.45.

C. THIS RESTRICTED WASTE HAS BEEN TREATED TO THE PERFORMANCE STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

D. THIS RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT TREATMENT. I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

E. THIS LAB PACK DOES NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IV TO PART 268. I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under appendix IV to 40 CFR part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

F. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND CONTAINS UNDERLYING HAZARDOUS CONSTITUENTS THAT REQUIRE FURTHER TREATMENT TO MEET THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 or 268.49 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

G. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND BEEN TREATED FOR UNDERLYING HAZARDOUS CONSTITUENTS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic and that underlying hazardous constituents, as defined in §268.2(i) have been treated on-site to meet the §268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment..

H. THIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL. *(Please include the date the waste is subject to the prohibitions in Column 5)* This waste is subject to an exemption from a prohibition on the type of land disposal method utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR Part 268.5, an exemption under 40 CFR 268.6, or a nationwide capacity variance under 40 CFR 269 Subpart C)

I. THIS RESTRICTED WASTE WITH TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN THE WASTE PURSUANT TO 268.43, IF COMPLIANCE WITH THE TREATMENT STANDARDS IN SUBPART D OF THIS PART IS BASED IN PART OR IN WHOLE ON THE ANALYTICAL DETECTION LIMIT ALTERNATIVE IN 268.439(c). I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good-faith efforts to analyze for such constituents. I am aware there are significant penalties for submitting a false certifications, including the possibility of fine and imprisonment.

(2)

WASTE MANAGEMENT

Edited by JDG based on actual destination for this profiled material 3/5/13.

EZ Profile™

Requested Facility: ~~Chaffee Landfill~~ EQ Detroit, Detroit MI ☐ Unsure Profile Number: 109990NY

☐ Check if there are multiple generator locations. Attach locations. ☐ Renewal? Original Profile Number:

A. GENERATOR INFORMATION (MATERIAL ORIGIN)

1. Generator Name: CORNING INCORPORATED
2. Site Address: TIOGA AVE.
   (City, State, ZIP) CORNING NY 14831
3. County: STEUBEN
4. Contact Name: MICHAEL FORD
5. Email: fordml2@corning.com
6. Phone: (607) 974-4279 7. Fax:
8. Generator EPA ID: NYD000824425 ☐ N/A
9. State ID: ☑ N/A

B. BILLING INFORMATION ☐ SAME AS GENERATOR

1. Billing Name: WTS, Inc.
2. Billing Address: 435 N. 2nd Street
   (City, State, ZIP) Lewiston NY 14092
3. Contact Name: Martin Gregg, CHMM
4. Email: mgregg@wtsonline.com
5. Phone: (716) 754-5400 6. Fax: (716) 754-8001
7. WM Hauled? ☐ Yes ☐ No
8. P.O. Number:

C. MATERIAL INFORMATION

1. Common Name: NON-HAZARDOUS CLARIFIER SLUDGE

   Describe Process Generating Material: ☐ See Attached

   CLEANOUT OF CLARIFIER AT CLOSED FACILITY, NO LISTED WASTE PRESENT

2. Material Composition and Contaminants: ☐ See Attached

1. INERT DIRT/GRIT/SCALE	60-90 %
2. WATER (FREE AND ENTRAINED)	10-40 %
3.	
4.	
	≥100%

3. State Waste Codes: ☑ N/A
4. Color: BLACK/VARIES
5. Physical State at 70°F: ☑ Solid ☑ Liquid ☐ Other:
6. Free Liquid Range Percentage: 10 to 30 ☐ N/A (Solid)
7. pH: 5 to 9 ☐ N/A (Solid)
8. Strong Odor: ☐ Yes ☑ No Describe:
9. Flash Point: ☐ <140°F ☐ 140°–199°F ☑ ≥200° ☐ N/A (Solid)

D. REGULATORY INFORMATION

1. EPA Hazardous Waste? ☐ Yes* ☑ No
   Code:
2. State Hazardous Waste? ☐ Yes ☑ No
   Code:
3. Excluded waste under 40 CFR 261.4 (a) or (b)? ☐ Yes* ☑ No
4. Contains Underlying Hazardous Constituents? ☐ Yes* ☑ No
5. Contains benzene **and** subject to Benzene NESHAP? ☐ Yes* ☑ No
6. Facility remediation subject to 40 CFR 63 GGGGG? ☐ Yes* ☑ No
7. CERCLA or State-mandated clean-up? ☐ Yes* ☑ No
8. NRC or State-regulated radioactive or NORM waste? ☐ Yes* ☑ No

***If Yes, see Addendum (page 2) for additional questions and space.**

9. Contains PCBs? → If Yes, answer a, b and c. ☐ Yes ☑ No
   a. Regulated by 40 CFR 761? ☐ Yes ☐ No
   b. Remediation under 40 CFR 761.61 (a)? ☐ Yes ☐ No
   c. Were PCB imported into the US? ☐ Yes ☐ No
10. Regulated and/or Untreated Medical/Infectious Waste? ☐ Yes ☑ No
11. Contains Asbestos? ☐ Yes: Friable ☐ Yes: Non-Friable ☑ No

E. ANALYTICAL AND OTHER REPRESENTATIVE INFORMATION

1. Analytical attached ☐ Yes

   Please identify applicable samples and/or lab reports:

   ESC lab report 33123-021

2. Other information attached (such as MSDS)? ☐ Yes

F. SHIPPING AND DOT INFORMATION

1. ☑ One-Time Event ☐ Repeat Event/Ongoing Business
2. Estimated Quantity/Unit of Measure: 200
   ☑ Tons ☐ Yards ☐ Drums ☐ Gallons ☐ Other:
3. Container Type and Size: 20 yard vacuum box
4. USDOT Proper Shipping Name: ☐ N/A

   Non-Regulated material

G. GENERATOR CERTIFICATION (PLEASE READ AND CERTIFY BY SIGNATURE)

By signing this EZ Profile™ form, I hereby certify that all information submitted in this and all attached documents contain true and accurate descriptions of this material, and that all relevant information necessary for proper material characterization and to identify known and suspected hazards has been provided. Any analytical data attached was derived from a sample that is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All changes occurring in the character of the material (i.e., changes in the process or new analytical) will be identified by the Generator and be disclosed to Waste Management prior to providing the material to Waste Management.

If I am an agent signing on behalf of the Generator, I have confirmed with the Generator that information contained in this Profile is accurate and complete.

Name (Print): Traci Hall Date: 10/25/12

Title: EHS Supervisor

Company: Corning Inc

Certification Signature

Traci Hall

(3)

Eastman Kodak Company

Waste Profile Information Form

Instructions:

For stream evaluation only sections #1 and #2 need to be completed.

All sections must be completed prior to Kodak's acceptance of waste materials.

1. OWNER / GENERATOR INFORMATION

Generator Name: Corning, Inc,	Generator USEPA/FED ID#: NYD 000 824 425
Facility Street and Address: Tioga Ave.	Phone Number:
Facility City: Corning	State / Province: NY
Zip Code: 14831	SIC Code:
Business Contact: James Weber	Phone Number: 716.754.5400
Billing Address: WTS, Inc. 435 N. 2nd St., Lewiston, NY 14092	FAX Number:
Technical Contact: James Weber	Phone Number: 716.754.5400

2. WASTE PROFILE INFORMATION

Is the material a hazardous waste? YES ✓ NO

If the material is a hazardous waste, what is the waste profile #

If the material is not a hazardous waste, describe the material and any relevant information:
Non Hazardous Wastewater (WTS# 33682)

Describe process that generates the material: pumping of ground/stormwater

Color (describe): clear/murky **Odor (describe):** none

Physical Properties @70°F:

✓ **Liquid? (check if Yes),** **% Solids (dissolved),** **% Solids (suspended)**

✓ **Single Layer** **Multi-Layer**

SG Range: 1.0 **pH Range:** 5-9 **Viscosity Range:** <24 cps

Is the material pumpable @70°F? ✓ YES NO

Flash Point:

<70°F | 71-99°F 100-149°F | 149-200°F ✓ >200°F Not Applicable

Does this material contain debris? YES ✓ NO

If "Yes" will the solid pass through a 1/8-inch screen? YES NO

Describe:

Chemical Composition: Has a sample been submitted? YES NO

Constituent:	Concentration Range:	Constituent:	Concentration Range:
Water	>99%		
Sand/silt	<1%		
Lead	< 2ppm		

2. WASTE PROFILE INFORMATION (Cont.)

Does the material:		
Contain any carcinogens which require OSHA notification?	YES	✓ NO
Contain any dioxin?	YES	✓ NO
Contain any polychlorinated biphenyls (PCBs)?	YES	✓ NO
Contain any asbestos?	YES	✓ NO
Contain any benzene?	YES	✓ NO
Contain any metals?	YES	NO
Contain any constituents harmful to aquatic or marine life?	YES	✓ NO
Contain any insecticides, pesticides, herbicides, or rodenticides?	YES	✓ NO
Contain any Class I or Class II ozone depleting substances?	YES	✓ NO
Contain free cyanide > 200 ppm?	YES	✓ NO
Contain free sulfide > 200 ppm?	YES	✓ NO

Is the material:		
An oxidizer?	YES	✓ NO
Water reactive?	YES	✓ NO
Radioactive?	YES	✓ NO
Shock sensitive?	YES	✓ NO
Explosive?	YES	✓ NO
Pyrophoric?	YES	✓ NO
A medical regulated waste?	YES	✓ NO
A TSCA regulated waste?	YES	✓ NO
Subject to RCRA subpart CC controls?	YES	✓ NO

Toxicity:	
Eye	Comment not tested
Inhalation	Comment not tested
Dermal	Comment not tested
Ingestion	Comment not tested
Other	Comment not tested
Carcinogen (known or suspected)	Comment not tested

Estimated Annual Volume 150,000 ✓ Gallons | Liters | Pounds | Kilograms

Packaging ✓ Tank Trailer | Railcar | Other

Shipping Frequency 15,000 per | Week ✓ Month | Quarter | Year

Is this a U.S. Dept. of Transportation (USDOT) Hazardous Material? YES ✓ NO

USDOT Shipping Name : Non-Regulated Material

Hazard Class: **Packing Group:**

3. OWNER / GENERATOR CERTIFICATION

Is this a USEPA hazardous Waste (40 CFR Part 261)? If "No" skip to next question YES ✓ NO

a) Identify all USEPA listed and characteristic waste code numbers (D,F,K,P,U)

b) Do underlying hazardous waste constituents B.1.j UHCs apply? YES NO

Is this a State Hazardous Waste? YES ✓ NO
If "Yes" identify all state Hazardous Waste Code

Is the waste from a CERCLA (40 CFR 300 Appendix B) or state mandated clean-up? YES ✓ NO

Does this waste profile sheet contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste, been disclosed herein? ✓ YES NO

Will all changes which occur in the character of the waste be identified by the Generator and disclosed to Eastman Kodak Company prior to providing the material to Eastman Kodak Company? ✓ YES NO

Is your company the original generator of the waste? ✓ YES NO

Check if any additional Information is attached ✓ **List:**

If the material is a hazardous waste has an LDR been provided that accurately reflects this material? YES NO

Certification: All information provided herein is on a Non-Confidential Basis.

I hereby certify that I have personally examined and am familiar with the information submitted in this and all attached documents. The submitted information is true, accurate and complete and all known and suspected hazards have been disclosed. Any sample submitted is representative as defined in 40 CFR 261 Appendix 1 or by using an equivalent method.

Signature Tray Hall

Name: Tray Hall
Title: EHS Supervisor
Company Name: Corning, Inc..
Date: 10/25/12

4. EASTMAN KODAK ACCEPTANCE (FOR EK USE ONLY)

Generator / Source of Supply:

Generator / Source of Supply Material Description:

Is this material compatible with the wastewater treatment Process at the Eastman Business Park?
YES NO

Is this material approved for addition to the industrial sewer at the Eastman Business Park? YES | NO

Eastman Kodak's Chemical Identification Number (CIN):

Eastman Kodak Company is authorized and has capacity to accept the waste described on this Information Form. Our acceptance and signature on this form serves as certification that manifested shipments that are accepted for recovery will be handled in accordance with the ultimate disposal method stated on the manifest.

Eastman Kodak Approval:

EK Utilities Process Engineer Signature:_____

EK HSE Representative Signature:_____

(4)

Profile Tracking # _____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

EQ Detroit

Waste Common Name: WWTP Sludge/solids/liquids (WTS# 34230) (MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425

Generator Corning, Inc.

Facility Address Tioga Ave.

City Corning State NY Zip 14831

24-hour Emergency Response Number (800) 424-9300

Mailing Address ONE RIVERFRONT PLAZA, MP-39-09

City Corning State NY Zip 14831

Generator Contact Martin Gregg

Title CHMM

Phone (716) 754-5400 Fax ( ) -

E-mail

Internal Use Only: EQ Division _____

EQ Customer No. 583

Invoicing Company WASTE TECHNOLOGY SERVICES

Address 435 NORTH 2ND STREET

City LEWISTON State NY Zip 14092

Country USA

Invoicing Contact JUDY CLINE

Phone (716) 754-5400 Fax (716) 754-8513

Technical Contact Martin Gregg

Phone (716) 754-5400 Fax ( ) -

Cell Phone ( ) -

E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped: 10 DM55

b) Frequency: ○ One Time ○ Month ○ Quarter ● Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ● Yes ○ No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:

RQ, NA3082, Hazardous waste, liquid, n.o.s., 9, PGIII, (D008), ERG#171

Section 3 - Special Properties

3.1) Color VARIES

3.2) Odor ☑ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia ☐ Other:

3.3) Consistency at 70 °F: ☐ Solid ☐ Dust/Powder ☐ Debris ☑ Sludge ☑ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☐ 2.1-4.9 ☑ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☐ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139° F ☐ 140-199° F ☑ ≥200° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☐ **None**	☑ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

Inert dirt/grit/scale	80.	to	99.	%
water	1.	to	20.	%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

cleanout/decomissioning of WWT system at closed facility. no listed waste present.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe:

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption:

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ○ No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ● Yes ○ No D008

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: G13 EPA Form Code: W504

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☑ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ● Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ● NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ● No

c) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ○ Yes ● No

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ● No

*If Yes, please list:

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ○ Yes ● No

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ○ No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents:
○ Other, describe:

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____, required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Conway Incorporated Title Fallbrook Proj Mgr Date 1/28/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, õWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneysÆ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

5

WASTE CHARACTERIZATION REPORT

Tracking #_____

☐ *I authorize EQ – The Environmental Quality Company to choose the appropriate facility and method of waste management from the technologies offered at the EQ facilities identified below.*

☑ **Michigan Disposal Waste Treatment Plant** (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill** (Hazardous & PCB Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # MID 048 090 633
☐ **EQ Detroit, Inc.** (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: 313-923-0080	Fax: 313-923-3375	EPA ID # MID 980 991 566
☐ **EQ Ohio (Envirite of Ohio)** (Stabilization and Treatment)	2050 Central Avenue, SE, Canton, OH 44707 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # OHD 980 568 992
☐ **EQ Pennsylvania (Envirite of Pennsylvania)** (Stabilization and Treatment)	730 Vogelsong Road, York,PA 17404 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # PAD 010 154 045
☐ **EQ Resource Recovery, Inc.** (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357	Fax: 734-326-4033	EPA ID # MID 060 975 844
☐ **EQ Florida, Inc.** (Drum Consolidation, Labpack Decommissioning)	7202 East 8th Ave, Tampa, FL 33619 Phone: 813-623-5463	Fax: 813-628-0842	EPA ID # FLD 981 932 494
☐ **EQ Transfer & Processing** (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: 313-923-0080	Fax: 313-922-8419	EPA ID # MIK 939 928 313
☐ **EQ Indianapolis** (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10th Street, Indianapolis, IN 46222 Phone: 317-247-7160	Fax: 317-247-7170	EPA ID # IND 161 049 309
☐ **EQ Atlanta** (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520	Fax: 404-494-3560	EPA ID # GAR 000 039 776
☐ **EQ Augusta, Inc.** (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100	Fax: 706-771-9124	EPA ID # GAR 000 011 817

Please note, this profile should not be used for wastes destined to EQ Illinois (Envirite of Illinois). For more information, please contact our National Service Center at (800)592-5489.

Waste Common Name: Debris with Lead (WTS#33338)

Section 1 – Generator & Customer Information

SIC/NAICS* 3229 (former)

Generator EPA ID # NYD 000 824 425

Generator Corning, Inc.

Facility Address Tioga Ave.

City Corning State NY Zip 14831

County Steuben

Mailing Address HP-ME-03-83

City Corning State NY Zip 14830

Generator Contact Michael Ford

Title Senior Environmental Engineer

Phone (607) 974-4279 Fax (607) 974-6119

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Internal Use Only: EQ Division _____

EQ Customer No. 583

Invoicing Company Waste Technology Services, Inc

Address 435 North Second Street

City Lewiston State NY Zip 14092

Country USA

Invoicing Contact Judy S. Cline

Phone 754-5400 Fax 754-8001

Technical Contact Martin Gregg

Phone 716.754.5400 Fax _____

Mobile 716.754.8001 Pager _____

E-mail mgregg@wtsonline.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency 1000 tons

☑ One Time Only ☐ Year ☐ Quarter ☐ Month

2.2) DOT Shipping Name RQ NA3077 Hazardous Waste Solid, n.o.s., (D008) 9 PG III

2.3) Is this waste surcharge exempt? ☐ Yes ☑ No

~~If yes, please attach a surcharge exemption form, found in Section 2 of the EQ Resource Guide.~~

2.4) Packaging **(check all that apply)**

☐ Bulk Solid (Yd^3 < 2000 lbs/yd^3)

☑ Bulk Solid (Ton >2000 lbs/yd^3)

☐ Bulk Liquids (Gallon)

☐ Totes, Size _____

☐ Cubic Yard Boxes/Bags

☐ Drums, Size _____

☐ Other (palletized, 5 gal. Pail, etc.) _____

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

WTS# 33338

Section 3 – Physical Characteristics

3.1) Color black/grey/brown 3.2) Odor none

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) ☐ Yes ☑ No

3.4) Physical State at 70°F:	☑ Solid	☐ Dust/Powder	☐ Liquid	☐ Sludge	
3.5) What is the pH of this waste?	☐ ≤2	☐ 2.1-4.9	☑ 5-10	☐ 10.1-12.4	☐ ≥12.5
3.6) What is the flash point of this waste?	☐ <90°F	☐ 90-140°F	☐ 140-199°F	☑ >200°F	
3.7) Does this waste contain? **(check all that apply)**		☑ None	☐ Free Liquids	☐ Oily Residue	☐ Metal Fines
☐ Biodegradable Sorbants	☐ Amines	☐ Ammonia	☐ Water Reactive	☐ Biohazard	☐ Aluminum
☐ Shock Sensitive Waste	☐ Reactive Waste	☐ Radioactive Waste	☐ Explosives	☐ Pyrophoric Waste	☐ Isocyanates
☐ Asbestos – non-friable	☐ Asbestos – friable	☐ Dioxins	☐ Furans		

Section 4 – Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

soil and small stones contaminated with lead	0	to <50 %		to	%
Misc. Debris (PPE, gloves, rags, wood,brick)	>50	to 100 %		to	%
				to	%

Total: 100%

4.2) Provide a *detailed* description of the process generating this waste (attach flow diagram if available).
remediation/upgrade of property. no listed waste present.

Section 5 – Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)?	☐ Yes	☑ No	
5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)?	☑ Yes	☐ No	D008
5.3) Do any State Hazardous Waste Codes apply?	☐ Yes	☑ No	
5.4) Is this waste intended for wastewater treatment?	☐ Yes*	☑ No	

If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 6 – Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels?	☑ Yes	☐ No
6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49?	☐ Yes	☑ No
6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.)	☑ Yes	☐ No
6.2) Is the waste an oxidizer (D001)?	☐ Yes	☑ No
6.3) Does this waste contain reactive cyanide ≥ 250 ppm (D003)?	☐ Yes	☑ No
6.4) Does this waste contain reactive sulfide ≥ 500 ppm (D003)?	☐ Yes	☑ No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" **MUST** be checked for each constituent.

Based On: ☑ **Generator Knowledge** ☐ **Analysis*** ☐ **MSDS***
***Please attach a copy. Analysis or MSDS are required for EQFL Non-hazardous wastes.**

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D004	Arsenic	5	☑ Below ☐ Above ____
D005	Barium	100	☑ Below ☐ Above ____
D006	Cadmium	1	☑ Below ☐ Above ____
D007	Chromium	5	☑ Below ☐ Above ____
D008	Lead	5	☐ Below ☑ Above ____
D009	Mercury	0.2	☑ Below ☐ Above ____
D010	Selenium	1	☑ Below ☐ Above ____
D011	Silver	5	☑ Below ☐ Above ____
D012	Endrin	0.02	☑ Below ☐ Above ____
D013	Lindane	0.4	☑ Below ☐ Above ____
D014	Methoxychlor	10	☑ Below ☐ Above ____
D015	Toxaphene	0.5	☑ Below ☐ Above ____
D016	2,4-D	10	☑ Below ☐ Above ____
D017	2,4,5-TP (Silvex)	1	☑ Below ☐ Above ____
D018	Benzene	0.5	☑ Below ☐ Above ____
D019	Carbon Tetrachloride	0.5	☑ Below ☐ Above ____
D020	Chlordane	0.03	☑ Below ☐ Above ____
D021	Chlorobenzene	100	☑ Below ☐ Above ____
D022	Chloroform	6.0	☑ Below ☐ Above ____
D023	o-Cresol	200	☑ Below ☐ Above ____

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D024	m-Cresol	200	☑ Below ☐ Above ____
D025	p-Cresol	200	☑ Below ☐ Above ____
D026	Cresols	200	☑ Below ☐ Above ____
D027	1,4-Dichlorobenzene	7.5	☑ Below ☐ Above ____
D028	1,2-Dicholoroethane	0.5	☑ Below ☐ Above ____
D029	1,1-Dichloroethylene	0.7	☑ Below ☐ Above ____
D030	2,4-Dinitrotoluene	0.13	☑ Below ☐ Above ____
D031	Heptachlor	0.008	☑ Below ☐ Above ____
D032	Hexachlorobenzene	0.13	☑ Below ☐ Above ____
D033	Hexachlorobutadiene	0.5	☑ Below ☐ Above ____
D034	Hexachloroethane	3.0	☑ Below ☐ Above ____
D035	Methyl Ethyl Ketone	200	☑ Below ☐ Above ____
D036	Nitrobenzene	2	☑ Below ☐ Above ____
D037	Pentachlorophenol	100	☑ Below ☐ Above ____
D038	Pyridine	5	☑ Below ☐ Above ____
D039	Tetrachloroethylene	0.7	☑ Below ☐ Above ____
D040	Trichloroethylene	0.5	☑ Below ☐ Above ____
D041	2,4,5-Trichlorophenol	400	☑ Below ☐ Above ____
D042	2,4,6-Trichlorophenol	2	☑ Below ☐ Above ____
D043	Vinyl Chloride	0.2	☑ Below ☐ Above ____

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? ☐ Yes ☑ No
If yes, please list the constituents in Section 11.

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Section 7 – Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

Please list applicable waste code:

7.1) Is this a Michigan non-hazardous liquid industrial waste? ☐ Yes ☑ No
7.2) Is this a Universal waste? ☐ Yes ☑ No
7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) ☐ Yes ☑ No
7.4) Is this waste a recoverable petroleum product? ☐ Yes* ☑ No
7.5) Is this waste used oil as defined by 40 CFR Part 279? ☐ Yes* ☑ No

If you answered 'yes' to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 – TSCA Information

8.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-5 ppm ☐ 6-49 ppm ☐ 50-499 ppm ☐ 500+ ppm
8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ☐ Yes ☑ No
If you answered "no" to 8.1 and 8.2, please skip to Section 9.
8.3) Has this waste been processed into a non-liquid form? ☐ Yes ☐ No
If yes, what was the concentration of PCBs prior to processing? ☐ N/A ☐ 0-499 ppm ☐ 500+ ppm
8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☐ Yes ☐ No
8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☐ No
8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☐ N/A ☐ Yes ☐ No

Section 9 – Clean Air Act Information

NESHAP SIC*		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? ☐ Yes ☑ No
(Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants – VOHAP's or Volatile Organic Compounds – VOC's?)
For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide
9.2) Is the site, or waste, subject to any other MACT or NESHAP? ☐ Yes, please specify: _____ ☑ No
9.3) Does this waste stream contain Benzene? ☐ Yes ☑ No
If you answered "no" to 9.3, please skip to Section 10.
9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? ☐ Yes ☐ No
9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ☐ Yes ☐ No
For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.
If you answered "no" to question 9.4 and 9.5, please skip to Section 10.
9.6) Does the waste contain >10% water? ☐ Yes ☐ No
9.7) What is the TAB quantity for your facility? _____ Mg/Year
9.8) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No
9.9) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)
*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 – Fuel Blending Information

10.1) Is this waste intended for fuel blending? ☐ Yes* ☑ No
*If yes, Heat value (BTU/lb.) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____
10.2) Is this waste intended for reclamation? ☐ Yes ☑ No (5-Gallon Sample required for all reclaim waste streams)

Section 11 – Constituent Information

Please identify your waste constituents from these four categories: ***Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)***

Constituent	Concentration	UHC?		Constituent	Concentration	UHC?	
Lead	> 5 mg/L	☐ Yes	☑ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Michael Ford Printed Name Michael Ford

Company Corning, Inc. Title Senior Environmental Engineer Date _____

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ – The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Characterization Report, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statues, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

(6)

Profile Tracking # _____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

Waste Common Name: Chargepac 55 Coagulant (WTS#33738)(MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425

Generator CORNING, INC. - FALLBROOK

Facility Address TIOGA AVE.

City CORNING State NY Zip 14831

24-hour Emergency Response Number (800) 424-9300

Mailing Address ONE RIVERFRONT PLAZA, MP-39-09

City CORNING State NY Zip 14831

Generator Contact Martin Gregg

Title CHMM

Phone (716) 754-5400 Fax ( ) -

E-mail

Internal Use Only: EQ Division _____

EQ Customer No. 583

Invoicing Company WASTE TECHNOLOGY SERVICES

Address 435 NORTH 2ND STREET

City LEWISTON State NY Zip 14092

Country USA

Invoicing Contact Judy Cline

Phone (716) 754-5400 Fax ( ) -

Technical Contact Martin Gregg

Phone (716) 754-5400 Fax ( ) -

Cell Phone ( ) -

E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped: 1 T275

b) Frequency: ○ One Time ○ Month ○ Quarter ● Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ○ Yes ● No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:

USDOT NON-REGULATED MATERIAL (CHARGEPAC 55 COAGULANT)

Section 3 - Special Properties

3.1) Color COLORLESS

3.2) Odor ☑ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia ☐ Other:

3.3) Consistency at 70 °F: ☐ Solid ☐ Dust/Powder ☐ Debris ☐ Sludge ☑ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☑ 2.1-4.9 ☐ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☐ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139 ° F ☐ 140-199 ° F ☑ ≥200 ° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☐ **None**	☑ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

Aluminum Chlorohydrate	50.	to	60.	%
Water	40.	to	50.	%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

Discarding unused chemcial product.
No listed waste present.
MSDS attached.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe: _____

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption: _____

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ● No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ○ Yes ● No

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: _____ EPA Form Code: _____

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☐ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ○ Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ○ NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ○ No

c) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ○ Yes ○ No

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ○ No

*If Yes, please list: _____

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ● Yes ○ No 029L

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ● No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents: _____
○ Other, describe: _____

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____ required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Corning Incorporated Title Fallbrook Proj Mgr Date 1/25/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, ôWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneysÆ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

(7)

Profile Tracking #_____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

Waste Common Name: Amerfloc 285 Polymer (WTS#33740)(MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425
Generator CORNING, INC. - FALLBROOK
Facility Address TIOGA AVE.
City CORNING State NY Zip 14831
24-hour Emergency Response Number (800) 424-9300
Mailing Address ONE RIVERFRONT PLAZA, MP-39-09
City CORNING State NY Zip 14831
Generator Contact Martin Gregg
Title CHMM
Phone (716) 754-5400 Fax ( ) -
E-mail

Internal Use Only: EQ Division
EQ Customer No. 583
Invoicing Company WASTE TECHNOLOGY SERVICES
Address 435 NORTH 2ND STREET
City LEWISTON State NY Zip 14092
Country USA
Invoicing Contact Judy Cline
Phone (716) 754-5400 Fax ( ) -
Technical Contact Martin Gregg
Phone (716) 754-5400 Fax ( ) -
Cell Phone ( ) -
E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped: 1 DM30

b) Frequency: ○ One Time ○ Month ○ Quarter ● Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ○ Yes ● No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:

USDOT Non-Regulated Material (Amerfloc 285 Polymer)

Section 3 - Special Properties

3.1) Color WHITE

3.2) Odor ☑ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia ☐ Other:

3.3) Consistency at 70 °F: ☑ Solid ☐ Dust/Powder ☐ Debris ☐ Sludge ☐ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☐ 2.1-4.9 ☑ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☐ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139 ° F ☐ 140-199 ° F ☑ ≥200 ° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☑ **None**	☐ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

Amide	1.	to	1.5	%
Citric Acid, Monohydrate	1.	to	1.5	%
Polymer	80.	to	90.	%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

Discarding unused chemical product.
No listed waste present.
MSDS attached.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe: _____

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption: _____

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ○ No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ○ Yes ● No

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: _____ EPA Form Code: _____

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☐ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ○ Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ○ NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ○ No

c) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ○ Yes ○ No

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ○ No

*If Yes, please list: _____

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ○ Yes ● No

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ○ No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents: _____
○ Other, describe: _____

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____, required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Conway Incorporated Title Fallbrook Proj Manager Date 1/25/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, öWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneysÆ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

(8)

Profile Tracking #_____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

Waste Common Name: DrewPlus ED7250 Foam Control (WTS#33739)(MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425
Generator CORNING, INC. - FALLBROOK
Facility Address TIOGA AVE.
City CORNING State NY Zip 14831
24-hour Emergency Response Number (800) 424-9300
Mailing Address ONE RIVERFRONT PLAZA, MP-39-09
City CORNING State NY Zip 14831
Generator Contact Martin Gregg
Title CHMM
Phone (716) 754-5400 Fax ( ) -
E-mail

Internal Use Only: EQ Division _____
EQ Customer No. 583
Invoicing Company WASTE TECHNOLOGY SERVICES
Address 435 NORTH 2ND STREET
City LEWISTON State NY Zip 14092
Country USA
Invoicing Contact JUDY CLINE
Phone (716) 754-5400 Fax (716) 754-8513
Technical Contact Martin Gregg
Phone (716) 754-5400 Fax ( ) -
Cell Phone ( ) -
E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped:
2 DM05

b) Frequency: ○ One Time ○ Month ○ Quarter ● Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ○ Yes ● No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:
USDOT Non-Regulated Material (DrewPlus ED7250 Foam Control)

Section 3 - Special Properties

3.1) Color VARIES

3.2) Odor ☑ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia ☐ Other: _____

3.3) Consistency at 70 °F: ☐ Solid ☐ Dust/Powder ☐ Debris ☐ Sludge ☑ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☐ 2.1-4.9 ☑ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☐ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139° F ☐ 140-199° F ☑ ≥200° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☐ **None**	☑ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

High-Boiling Petroleum Distillate	10.	to	15.	%
Isononyl Alcohol	5.	to	10.	%
Octene, Hydroformylation products	70.	to	80.	%
Organic Salt	1.5	to	5.	%
Silica Colloidal Amorphous	1.	to	1.5	%
Surfactant	5.	to	10.	%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

Discarding unused chemical product.
No listed waste present.
MSDS attached.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe: _____

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption: _____

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ● No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ○ Yes ● No

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: _____ EPA Form Code: _____

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☐ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ○ Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ○ NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ○ No

c) Does this waste contain greater than 50% debris, by volume? ○ Yes ○ No
(Debris is greater than 2.5 inches in size.)

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ○ No

*If Yes, please list: _____

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ● Yes ○ No 029L

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ○ No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents: _____
○ Other, describe: _____

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____ required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Conwy Incorporated Title Fallbrook Proj Manager Date 1/25/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, ôWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneysÆ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

(9)

Profile Tracking # _____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

Waste Common Name: Mobil SHC 629 (WTS#33737)(MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425
Generator CORNING, INC. - FALLBROOK
Facility Address TIOGA AVE.
City CORNING State NY Zip 14831
24-hour Emergency Response Number ( ) -

Mailing Address ONE RIVERFRONT PLAZA, MP-39-09
City CORNING State NY Zip 14831
Generator Contact Martin Gregg
Title CHMM
Phone (716) 754-5400 Fax ( ) -
E-mail

Internal Use Only: EQ Division _____
EQ Customer No. 583
Invoicing Company WASTE TECHNOLOGY SERVICES
Address 435 NORTH 2ND STREET
City LEWISTON State NY Zip 14092
Country USA
Invoicing Contact Judy Cline
Phone (716) 754-5400 Fax ( ) -
Technical Contact Martin Gregg
Phone (716) 754-5400 Fax ( ) -
Cell Phone ( ) -
E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped:
1 DM05

b) Frequency: ○ One Time ○ Month ○ Quarter ● Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ○ Yes ● No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:
USDOT NON-REGULATED MATERIAL (MOBIL SHC629)

Section 3 - Special Properties

3.1) Color ORANGE

3.2) Odor ☐ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia
☑ Other: characteristic

3.3) Consistency at 70 °F: ☐ Solid ☐ Dust/Powder ☐ Debris ☐ Sludge ☑ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☐ 2.1-4.9 ☐ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☑ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139 ° F ☐ 140-199 ° F ☑ ≥200 ° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☐ **None**	☑ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

Additives	1.	to	2. %
Synthethic Gear And Bearing Lubricant	98.	to	99. %

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

Discarding unused chemical product.
No listed waste present.
MSDS attached.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe: _____

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption: _____

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ● No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ○ Yes ● No

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: _____ EPA Form Code: _____

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☐ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ○ Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ○ NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ○ No

c) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ○ Yes ○ No

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ○ No

*If Yes, please list: _____

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ● Yes ○ No 021L

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ○ No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents: _____
○ Other, describe: _____

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____, required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Conway Incorporated Title Fallbrook Proj Manager Date 1/25/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, ôWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys/Æ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

(10)

Profile Tracking # _____

WASTE PROFILE FORM

For assistance in completing this document or for additional information on EQ's service offerings, please visit our website at www.eqonline.com or call 800-592-5489.

EQ - The Environmental Quality Company will choose the appropriate facility and method of waste management for your waste from the technologies offered at each EQ operation.

If you wish to direct this waste to a specific EQ facility(s) or treatment technology please indicate here:

Waste Common Name: Acheson JH 7140S (WTS#33741) (MHG)

Section 1 - Generator & Customer Information

Generator EPA ID # NYD-000-824-425

Generator Corning, Inc.

Facility Address Tioga Ave.

City Corning State NY Zip 14831

24-hour Emergency Response Number (800) 424-9300

Mailing Address ONE RIVERFRONT PLAZA, MP-39-09

City Corning State NY Zip 14831

Generator Contact Martin Gregg

Title CHMM

Phone (716) 754-5400 Fax ( ) -

E-mail

Internal Use Only: EQ Division _____

EQ Customer No. 583

Invoicing Company WASTE TECHNOLOGY SERVICES

Address 435 NORTH 2ND STREET

City LEWISTON State NY Zip 14092

Country USA

Invoicing Contact JUDY CLINE

Phone (716) 754-5400 Fax (716) 754-8513

Technical Contact Martin Gregg

Phone (716) 754-5400 Fax ( ) -

Cell Phone ( ) -

E-mail

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency:

a) Volume of Waste to be Shipped: 1 DM05

b) Frequency: ◉ One Time ○ Month ○ Quarter ○ Year ○ Other

2.2) DOT Information

a) Is this a U.S. Department of Transportation (USDOT) Hazardous Material? ○ Yes ◉ No

b) If "Yes", indicate the proper shipping name per 49 CFR 172.101 Hazardous Materials Table:

Non-Regulated Material

Section 3 - Special Properties

3.1) Color COLORLESS

3.2) Odor ☑ None ☐ Ammonia ☐ Amines ☐ Mercaptans ☐ Sulfur ☐ Organic Acid ☐ Amines/Ammonia ☐ Other:

3.3) Consistency at 70 °F: ☐ Solid ☐ Dust/Powder ☐ Debris ☐ Sludge ☑ Liquid ☐ Gas/Aerosol ☐ Varies

3.4) What is the pH? ☐ ≤2 ☑ 2.1-4.9 ☐ 5-10 ☐ 10.1-12.4 ☐ ≥12.5 ☐ N/A

3.5) What is the flash point? ☐ <90° F ☐ 90-139° F ☐ 140-199° F ☐ ≥200° F ☐ N/A

3.6) Does this waste exhibit any of the following properties? **(check all that apply)**

☐ **None**	☑ Free Liquids	☐ Metal Fines	☐ Water Reactive	☐ Biohazard
☐ Shock Sensitive	☐ Oily Residue	☐ Dioxins	☐ Furans	☐ Aluminum
☐ Asbestos -non- friable	☐ Asbestos - friable	☐ Other Radioactive	☐ Air Reactive	☐ Isocyanates
☐ Biodegradable Sorbents	☐ Pyrophoric	☐ Reactive Sulfide	☐ Reactive Cyanide	☐ Explosives
☐ Temperature Controlled Organic Peroxide		☐ NORM	☐ TENORM	

Section 4 - Composition and Generating Process

4.1) Provide a physical and chemical composition of the waste (e.g. soil, water, PPE, debris, etc.). List the percent ranges of the material, either estimated or known.

graphite	1.	to	10.	%
iron oxide	1.	to	10.	%
titanium dioxide	1.	to	10.	%
Water	85.	to	90.	%

4.2) Provide a description of the generating process. *Remediation & IDW Sites: please provide a site history.*

discard unused, unwanted material. no listed waste present.

4.3) Are there any known previous handling or treatment issues involving this waste? ○ Yes* ● No

*If yes, describe:

Section 5 - Hazardous Wastes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this waste exempted from RCRA? ○ Yes ● No

If Yes, please provide exemption:

5.2) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ○ Yes ● No

a) For F006-F009, F012, does this come from a generator that conducts a cyanide plating process? ○ Yes ○ No

5.3) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ○ Yes ● No

5.4) Do any State Specific Hazardous Waste Codes apply? ○ Yes ● No

If you answered 'no' to 5.2, 5.3 and 5.4, please proceed to Section 6.

5.5) EPA Source Code: EPA Form Code:

5.6) Waste Code Determination Is Based On: ☐ Generator Knowledge ☐ Analysis ☐ MSDS

Analysis and/or MSDS may be required for review and approval for hazardous and non-hazardous waste streams.

5.7) Does this waste exceed Land Disposal Restriction levels? ○ Yes ○ No

a) Is this stream a wastewater (WW) or non-wastewater (NWW)? ○ WW ○ NWW

b) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ○ Yes ○ No

c) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ○ Yes ○ No

d) If the debris is larger than 3 ft x 3 ft x 3 ft, please provide the approximate dimensions and weight:

5.8) If this is a characteristic hazardous waste, does it contain Underlying Hazardous Constituents? ○ Yes* ○ No

*If Yes, please list:

For a complete list of UHC constituents, please refer to 40 CFR 268.48

Section 6 - Non-Hazardous Wastes

Please list applicable waste code(s):

6.1) Do any State Specific Non-Hazardous Waste Codes apply? ● Yes ○ No 029L

6.2) Is this a Universal (UNIV) waste or a Recyclable Good (RG) ? ○ UNIV ○ RG ● N/A

6.3) Is this waste used oil as defined by 40 CFR Part 279? ○ Yes ● No

a) If yes, is the total halogen content of the used oil waste stream greater than 1,000 ppm? ○ Yes ○ No

b) If yes, what is the source of the halogen content?

○ This is a metalworking oil/fluid containing chlorinated paraffins.
○ This is a used oil contaminated with chlorofluorocarbons from refrigeration units.
○ This oil contains halogenated solvents. List specific solvents:
○ Other, describe:

Section 7 - TSCA Information

7.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

7.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ○ Yes ● No ○ Unknown

If you answered "none" or '0-49 ppm' to 7.1 and "no" to 7.2, please proceed to Section 8.

7.3) Has this waste been processed into a non-liquid form? ○ Yes* ○ No

*If yes, what was the concentration of PCBs prior to processing? ○ 0-499 ppm ○ 500+ ppm

7.4) Is this non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ○ Yes ○ No

7.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ○ Yes ○ No

7.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ○ Yes ○ No ○ N/A

Section 8 - Clean Air Act Information

8.1) Is this waste subject to regulation under 40 CFR, Part 264, Subpart CC (VOC > 500 ppmw)? ○ Yes ● No

8.2) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD (VOHAP > 500 ppmw)? ○ Yes ● No

8.3) Is the site, or waste, subject to any other NESHAP/MACT standard(s)? ○ Yes* ● No

*If Yes this document serves as notification that this waste contains chemicals _____ required to be managed in accordance with Part ○ 61 ○ 62 ○ 63 Subpart _____ of NESHAP/MACT standards.

8.4) Does this waste stream contain Benzene? ○ Yes ● No

If you answered "no" to 8.4, please proceed to Section 9.

8.5) Does the waste stream come from a facility subject to 40 CFR 61, Subpart FF (Benzene NESHAP)? ○ Yes ○ No

If Yes, please provide the SIC/NAICS code: _____

If you answered "no" to 8.5, please proceed to Section 9.

8.6) Does your facility manage the waste subject to Benzene NESHAP in a manner other than shipping off-site? ○ Yes ○ No

If Yes, please specify: _____

8.7) Is the generating source of this waste a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? ○ Yes ○ No

8.8) Does the waste contain >10% water? ○ Yes ○ No

8.9) What is the TAB quantity for your facility? _____ Mg/year

8.10) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.

Section 9 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's personnel to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's personnel to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature Bob Ohl Printed Name Bob Ohl

Company Conoco Incorporated Title Fallbrook Proj Manager Date 1/25/13

The generator's signature MUST appear on the EQ Waste Profile Form. If the generator has authorized a third party to certify this document, a written notice must accompany this submittal.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Profile Form, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, öWaste Management Facilityö), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneysÆ fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Bulk Disposal Charges

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Tracking #_____

WASTE CHARACTERIZATION REPORT

☐ ***I authorize EQ – The Environmental Quality Company to choose the appropriate facility and method of waste management from the technologies offered at the EQ facilities identified below.***

☐ **Michigan Disposal Waste Treatment Plant** (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # MID 000 724 831
☐ **Wayne Disposal, Inc. Site #2 Landfill** (Hazardous & PCB Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # MID 048 090 633
☐ **EQ Detroit, Inc.** (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: 313-923-0080	Fax: 313-923-3375	EPA ID # MID 980 991 566
☑ **EQ Ohio (Envirite of Ohio)** (Stabilization and Treatment)	2050 Central Avenue, SE, Canton, OH 44707 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # OHD 980 568 992
☐ **EQ Pennsylvania (Envirite of Pennsylvania)** (Stabilization and Treatment)	730 Vogelsong Road, York,PA 17404 Phone: 800-592-5489	Fax: 800-592-5329	EPA ID # PAD 010 154 045
☐ **EQ Resource Recovery, Inc.** (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357	Fax: 734-326-4033	EPA ID # MID 060 975 844
☐ **EQ Florida, Inc.** (Drum Consolidation, Labpack Decommissioning)	7202 East 8th Ave, Tampa, FL 33619 Phone: 813-623-5463	Fax: 813-628-0842	EPA ID # FLD 981 932 494
☐ **EQ Transfer & Processing** (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: 313-923-0080	Fax: 313-922-8419	EPA ID # MIK 939 928 313
☐ **EQ Indianapolis** (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10th Street, Indianapolis, IN 46222 Phone: 317-247-7160	Fax: 317-247-7170	EPA ID # IND 161 049 309
☐ **EQ Atlanta** (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520	Fax: 404-494-3560	EPA ID # GAR 000 039 776
☐ **EQ Augusta, Inc.** (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100	Fax: 706-771-9124	EPA ID # GAR 000 011 817

Please note, this profile should not be used for wastes destined to EQ Illinois (Envirite of Illinois). For more information, please contact our National Service Center at (800)592-5489.

Waste Common Name: Soil with Lead (WTS# 33302)

Section 1 – Generator & Customer Information

SIC/NAICS* 3229 (former)

Generator EPA ID # NYD 000 824 425

Generator Corning, Inc.

Facility Address Tioga Ave.

City Corning State NY Zip 14831

County Steuben

Mailing Address HP-ME-03-83

City Corning State NY Zip 14830

Generator Contact Michael Ford

Title Senior Environmental Engineer

Phone (607) 974-4279 Fax (607) 974-6119

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Internal Use Only: EQ Division _____

EQ Customer No. 583

Invoicing Company Waste Technology Services, Inc

Address 435 North Second Street

City Lewiston State NY Zip 14092

Country USA

Invoicing Contact Judy S. Cline

Phone 754-5400 Fax 754-8001

Technical Contact Martin Gregg

Phone 716.754.5400 Fax _____

Mobile 716.754.8001 Pager _____

E-mail mgregg@wtsonline.com

Section 2 – Shipping & Packaging Information

2.1) Shipping Volume & Frequency 1000 tons

☑ One Time Only ☐ Year ☐ Quarter ☐ Month

2.2) DOT Shipping Name RQ NA3077 Hazardous Waste Solid, n.o.s., (D008) 9 PG III

2.3) Is this waste surcharge exempt? ☐ Yes ☑ No

If yes, please attach a surcharge exemption form, found in Section 2 of the EQ Resource Guide.

2.4) Packaging (check all that apply)

☐ Bulk Solid (Yd^3 < 2000 lbs/yd^3)
☑ Bulk Solid (Ton >2000 lbs/yd^3)
☐ Bulk Liquids (Gallon)
☐ Totes, Size _____
☐ Cubic Yard Boxes/Bags
☐ Drums, Size _____
☐ Other (palletized, 5 gal. Pail, etc.) _____

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

WTS# 33302

Section 3 – Physical Characteristics

3.1) Color black/grey/brown 3.2) Odor none

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) ☐ Yes ☑ No

3.4) Physical State at 70°F: ☑ Solid ☐ Dust/Powder ☐ Liquid ☐ Sludge

3.5) What is the pH of this waste? ☐ ≤2 ☐ 2.1-4.9 ☑ 5-10 ☐ 10.1-12.4 ☐ ≥12.5

3.6) What is the flash point of this waste? ☐ <90°F ☐ 90-140°F ☐ 140-199°F ☑ >200°F

3.7) Does this waste contain? (check all that apply) ☑ None ☐ Free Liquids ☐ Oily Residue ☐ Metal Fines

☐ Biodegradable Sorbants ☐ Amines ☐ Ammonia ☐ Water Reactive ☐ Biohazard ☐ Aluminum

☐ Shock Sensitive Waste ☐ Reactive Waste ☐ Radioactive Waste ☐ Explosives ☐ Pyrophoric Waste ☐ Isocyanates

☐ Asbestos – non-friable ☐ Asbestos – friable ☐ Dioxins ☐ Furans

Section 4 – Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

soil and small stones contaminated with lead 95 to 100 %

Misc. Debris (PPE, gloves, rags, wood,brick) 0 to 5 %

_____ to _____ %

_____ to _____ %

Total: 100%

4.2) Provide a *detailed* description of the process generating this waste (attach flow diagram if available).

remediation/upgrade of property. no listed waste present. Analogous to EQ approval# 011141WTSDET

Section 5 – Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules: **Please list applicable waste code(s):**

5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? ☐ Yes ☑ No

5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? ☑ Yes ☐ No D008

5.3) Do any State Hazardous Waste Codes apply? ☐ Yes ☑ No

5.4) Is this waste intended for wastewater treatment? ☐ Yes* ☑ No

If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 6 – Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels? ☑ Yes ☐ No

6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? ☐ Yes ☑ No

6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) ☐ Yes ☑ No

6.2) Is the waste an oxidizer (D001)? ☐ Yes ☑ No

6.3) Does this waste contain reactive cyanide ≥ 250 ppm (D003)? ☐ Yes ☑ No

6.4) Does this waste contain reactive sulfide ≥ 500 ppm (D003)? ☐ Yes ☑ No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" **MUST** be checked for each constituent.

Based On: ☑ **Generator Knowledge** ☐ **Analysis*** ☐ **MSDS***

***Please attach a copy. Analysis or MSDS are required for EQFL Non-hazardous wastes.**

Code		Regulatory Level TCLP (mg/l)	Concentration (if above)	Code		Regulatory Level TCLP (mg/l)	Concentration (if above)
D004	Arsenic	5	☑ Below ☐ Above	D024	m-Cresol	200	☑ Below ☐ Above
D005	Barium	100	☑ Below ☐ Above	D025	p-Cresol	200	☑ Below ☐ Above
D006	Cadmium	1	☑ Below ☐ Above	D026	Cresols	200	☑ Below ☐ Above
D007	Chromium	5	☑ Below ☐ Above	D027	1,4-Dichlorobenzene	7.5	☑ Below ☐ Above
D008	Lead	5	☐ Below ☑ Above	D028	1,2-Dicholoroethane	0.5	☑ Below ☐ Above
D009	Mercury	0.2	☑ Below ☐ Above	D029	1,1-Dichloroethylene	0.7	☑ Below ☐ Above
D010	Selenium	1	☑ Below ☐ Above	D030	2,4-Dinitrotoluene	0.13	☑ Below ☐ Above
D011	Silver	5	☑ Below ☐ Above	D031	Heptachlor	0.008	☑ Below ☐ Above
D012	Endrin	0.02	☑ Below ☐ Above	D032	Hexachlorobenzene	0.13	☑ Below ☐ Above
D013	Lindane	0.4	☑ Below ☐ Above	D033	Hexachlorobutadiene	0.5	☑ Below ☐ Above
D014	Methoxychlor	10	☑ Below ☐ Above	D034	Hexachloroethane	3.0	☑ Below ☐ Above
D015	Toxaphene	0.5	☑ Below ☐ Above	D035	Methyl Ethyl Ketone	200	☑ Below ☐ Above
D016	2,4-D	10	☑ Below ☐ Above	D036	Nitrobenzene	2	☑ Below ☐ Above
D017	2,4,5-TP (Silvex)	1	☑ Below ☐ Above	D037	Pentachlorophenol	100	☑ Below ☐ Above
D018	Benzene	0.5	☑ Below ☐ Above	D038	Pyridine	5	☑ Below ☐ Above
D019	Carbon Tetrachloride	0.5	☑ Below ☐ Above	D039	Tetrachloroethylene	0.7	☑ Below ☐ Above
D020	Chlordane	0.03	☑ Below ☐ Above	D040	Trichloroethylene	0.5	☑ Below ☐ Above
D021	Chlorobenzene	100	☑ Below ☐ Above	D041	2,4,5-Trichlorophenol	400	☑ Below ☐ Above
D022	Chloroform	6.0	☑ Below ☐ Above	D042	2,4,6-Trichlorophenol	2	☑ Below ☐ Above
D023	o-Cresol	200	☑ Below ☐ Above	D043	Vinyl Chloride	0.2	☑ Below ☐ Above

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? ☐ Yes ☑ No

If yes, please list the constituents in Section 11.

WTS# 33302

Section 7 – Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

			Please list applicable waste code:
7.1) Is this a Michigan non-hazardous liquid industrial waste?	☐ Yes	☑ No	
7.2) Is this a Universal waste?	☐ Yes	☑ No	
7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.)	☐ Yes	☑ No	
7.4) Is this waste a recoverable petroleum product?	☐ Yes*	☑ No	
7.5) Is this waste used oil as defined by 40 CFR Part 279?	☐ Yes*	☑ No	

If you answered 'yes' to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 – TSCA Information

8.1) What is the concentration of PCBs in the waste? ☑ None ☐ 0-5 ppm ☐ 6-49 ppm ☐ 50-499 ppm ☐ 500+ ppm

8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? ☐ Yes ☑ No

If you answered "no" to 8.1 and 8.2, please skip to Section 9.

8.3) Has this waste been processed into a non-liquid form? ☐ Yes ☐ No

If yes, what was the concentration of PCBs prior to processing? ☐ N/A ☐ 0-499 ppm ☐ 500+ ppm

8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? ☐ Yes ☐ No

8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? ☐ Yes ☐ No

8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? ☐ N/A ☐ Yes ☐ No

Section 9 – Clean Air Act Information

NESHAP SIC*		
2812	2836	2875
2813	2841	2879
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? ☐ Yes ☑ No
(Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants – VOHAP's or Volatile Organic Compounds – VOC's?)

For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide

9.2) Is the site, or waste, subject to any other MACT or NESHAP? ☐ Yes, please specify: _____ ☑ No

9.3) Does this waste stream contain Benzene? ☐ Yes ☑ No

If you answered "no" to 9.3, please skip to Section 10.

9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? ☐ Yes ☐ No

9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥10 Mg/year? ☐ Yes ☐ No

For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.

If you answered "no" to question 9.4 and 9.5, please skip to Section 10.

9.6) Does the waste contain >10% water? ☐ Yes ☐ No

9.7) What is the TAB quantity for your facility? _____ Mg/Year

9.8) Does the waste contain >1.0 mg/kg total Benzene? ☐ Yes ☐ No

9.9) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.

(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 – Fuel Blending Information

10.1) Is this waste intended for fuel blending? ☐ Yes* ☑ No

*If yes, Heat value (BTU/lb.) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____

10.2) Is this waste intended for reclamation? ☐ Yes ☑ No (5-Gallon Sample required for all reclaim waste streams)

Section 11 – Constituent Information

Please identify your waste constituents from these four categories: ***Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)***

Constituent	Concentration	UHC?		Constituent	Concentration	UHC?	
Lead	> 5 mg/L	☐ Yes	☑ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No
		☐ Yes	☐ No			☐ Yes	☐ No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 – Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature  Printed Name Michael Ford

Company Corning, Inc. Title Senior Environmental Engineer Date _____

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ – The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Characterization Report, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii)) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statues, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

(12)

C+D $42/TON

STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810

APPLICATION FOR DISPOSAL OF AN INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21

FOR COUNTY USE	
☒ APPROVED	☐ DISAPPROVED
DATE June 22, 2012	DATE SENT TO DEC

Please Note: A copy of the approved application must accompany each load.

SEND INVOICE TO: OSC Inc. 333 Ganson Street, Buffalo, NY 14203 Attention Alen Trpevski

Company Generating Waste Corning Property Management Co.	Address of Generator 213, 219 and 239 Tioga Avenue, Corning New York	Telephone No. 607-974-4279
Representative of Generator Michael Ford	Address of Generator HP_ME-03-83	Telephone No. 607-974-4279
Description of Process Producing Waste Tioga Passive Park Project - Demolition of concrete floor slabs		
Expected Annual Waste Production 500 Tons/Year	Waste Hauled In ☐ Roll-Off ☒ Dump Truck ☐ Compactor Truck ☐ Other	
Waste Composition Average Percent Solids 100.00%	Physical State ☐ Slurry ☐ Sludge ☒ Solid	
Description of Waste 1) Concrete 2) 3) 4)		
Is An Analysis of Waste Attached? ☐ Yes ☒ No	Was EPA Toxicity Test Conducted on Waste? ☐ Yes ☒ No If Yes, Attach Results	Material is: ☐ Hazardous ☒ Non-Hazardous
Detail All Hazardous and Nuisance Problems Associated with the Waste. List Necessary Safety, Handling, and Disposal Precautions. No known hazards associated with this waste.		

Name of Waste Transporter Ricceli Enterprises	Address 6800 W. Henrietta Road, Rush, NY 14543	NYSDEC Permit No. 7A-402	Telephone No. 585-334-8410

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

Signature and Title of Representative of Waste Generator Michael Ford Sr. Env. Engineer	Date 6/21/12
Signature and Title of Representative of Steuben County Steve Arndt, Ass't Commissioner	Date 6/22/12

APPENDIX C

Photographs

Photograph 1. Filling RCB-10.

Photograph 2. Topping of manhole with flowable fill from truck.

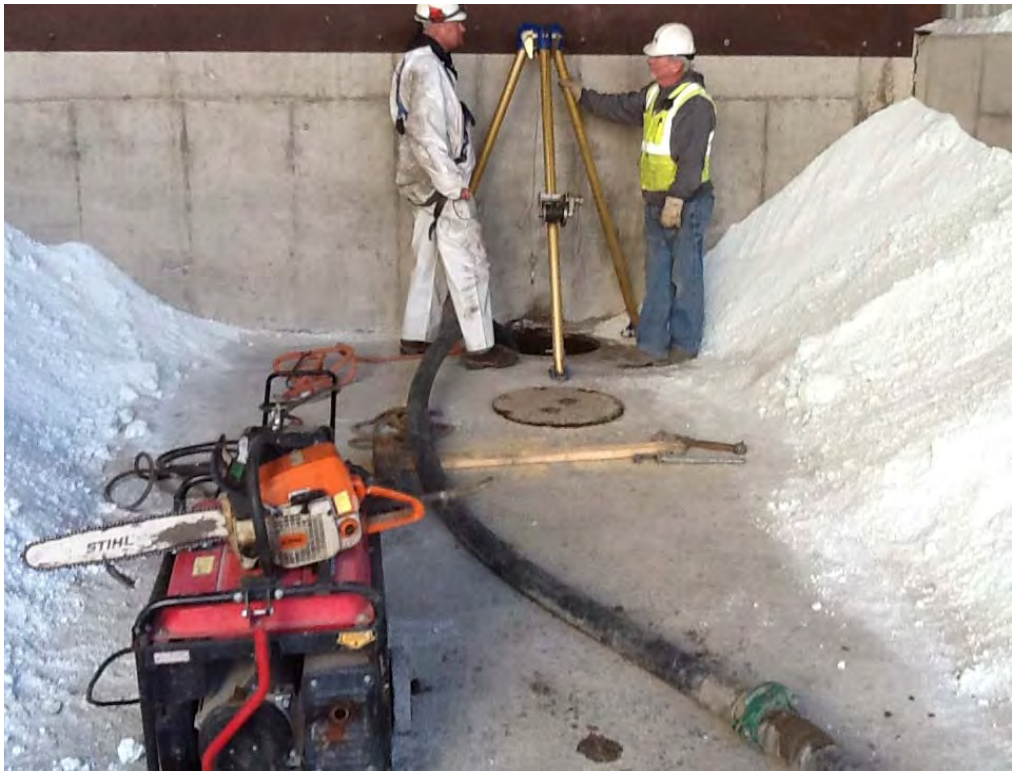
Photograph 3. Flowable fill running into RMH17 from RMH 18A.

Photograph 4. Flowable fill entering wet well from former standpipe on east side of EQ tank.

Photograph 5. Filling diversion structure to wet well.

Photograph 6. Concrete pump, truck, lines and crew.

Photograph 7. Filling pipe between RCB-22 and RCB-20.



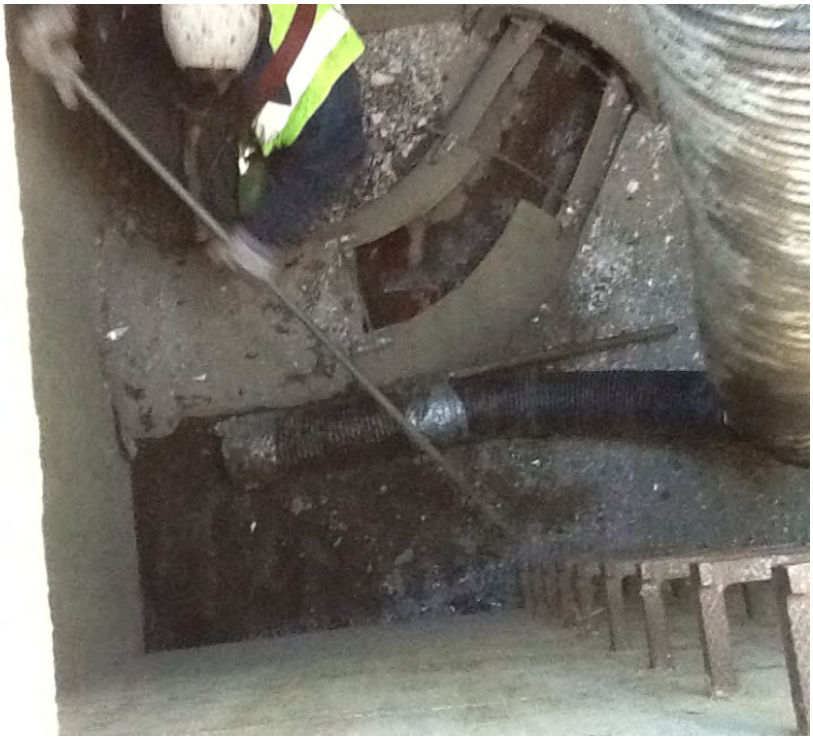
Photograph 8. Filling pipe between covered manhole and RMH-15A.

Photograph 9. Jet lines, support truck, and crew.

Photograph 10. Removing WWTP piping from wet well structure.

Photograph 11. Removing WWTP piping from wet well structure.

Photograph 12. Removing top of Wet Well.



Photograph 13. Cleaning inside of diversion structure.

Photograph 14. Interior of diversion structure after cleaning.

Photograph 15. Diversion structure after demo, backfilled with item 4.

Photograph 16. Lowering plate compactor into wet well.

Photograph 17. Backfilling wet well.

Photograph 18. Beginning EQ tank demo.

Photograph 19. Demo progress on EQ tank.

Photograph 20. Demolishing engineering building / pump house.

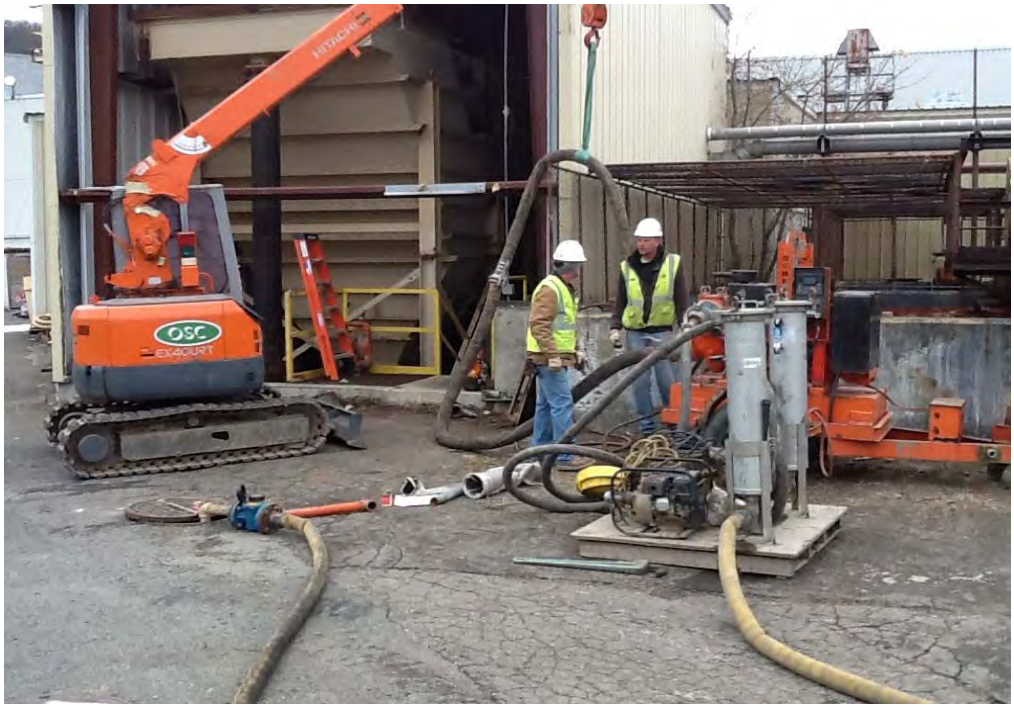
Photograph 21. Engineering building demolition.

Photograph 22. Lamella cut into pieces, removed for recycling.

Photograph 23. Metal building demo complete; depressed floor backfilled with item 4.

Photograph 24. Equipment removed from Block Building interior.

Photograph 25. WWTP materials staged in Block Building prior to profiling for off-site disposal.



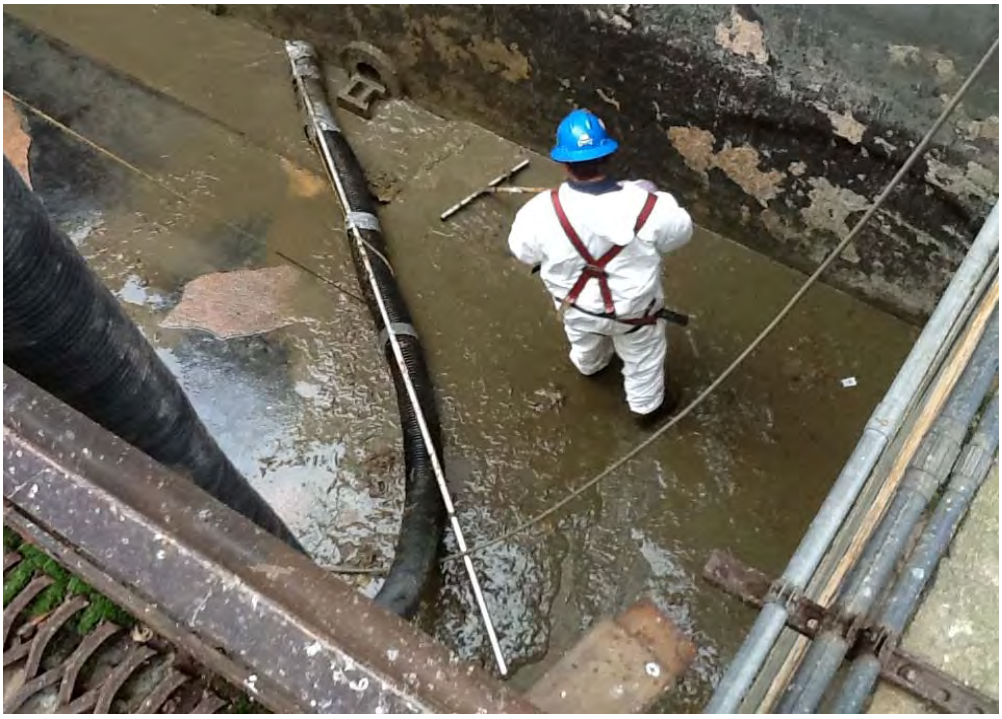
Photograph 26. Dewatering clarifiers through filters.

Photograph 27. Pumping sludge out of secondary clarifier.

Photograph 28. Sludge box setup.

Photograph 29. Cleaning work performed in clarifiers.

Photograph 30. Cleaning vault of clarifier.



Photograph 31. Cleaning clarifier.

Photograph 32. Removing steel from clarifiers.

Photograph 33. Backfilling clarifiers with Item 4, note holes punched in floor of unit.

Photograph 34. Closure of clarifiers complete. Asphalt to be placed in 2013.

APPENDIX D

Laboratory Report for Imported Item 4 Gravel

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

Report Summary

Wednesday October 10, 2012

Report Number: L598343
Samples Received: 09/29/12
Client Project: 33123-021

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

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.
Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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

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

REPORT OF ANALYSIS

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

October 10,2012

ESC Sample # : L598343-01

Site ID :

Project # : 33123-021

Date Received : September 29, 2012
Description : Tioga

Sample ID : 4552-092712-1100

Collected By : D. Nostrant
Collection Date : 09/27/12 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.6	0.100	%	2540G	10/04/12	1
Volatile Organics						
Acetone	BDL	0.27	mg/kg	8260B	10/01/12	5
Benzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
n-Butylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
sec-Butylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
tert-Butylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
Carbon tetrachloride	BDL	0.0054	mg/kg	8260B	10/01/12	5
Chlorobenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
Chloroform	BDL	0.027	mg/kg	8260B	10/01/12	5
Chloromethane	BDL	0.014	mg/kg	8260B	10/01/12	5
1,2-Dichlorobenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,3-Dichlorobenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,4-Dichlorobenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,1-Dichloroethane	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,2-Dichloroethane	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,1-Dichloroethene	BDL	0.0054	mg/kg	8260B	10/01/12	5
cis-1,2-Dichloroethene	BDL	0.0054	mg/kg	8260B	10/01/12	5
trans-1,2-Dichloroethene	BDL	0.0054	mg/kg	8260B	10/01/12	5
Ethylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
2-Butanone (MEK)	BDL	0.054	mg/kg	8260B	10/01/12	5
Methylene Chloride	BDL	0.027	mg/kg	8260B	10/01/12	5
Methyl tert-butyl ether	BDL	0.027	mg/kg	8260B	10/01/12	5
n-Propylbenzene	BDL	0.027	mg/kg	8260B	10/01/12	5
Tetrachloroethene	BDL	0.0054	mg/kg	8260B	10/01/12	5
Toluene	BDL	0.027	mg/kg	8260B	10/01/12	5
1,1,1-Trichloroethane	BDL	0.0054	mg/kg	8260B	10/01/12	5
Trichloroethene	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,2,4-Trimethylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
1,3,5-Trimethylbenzene	BDL	0.0054	mg/kg	8260B	10/01/12	5
Vinyl chloride	BDL	0.0054	mg/kg	8260B	10/01/12	5
Xylenes, Total	BDL	0.016	mg/kg	8260B	10/01/12	5
1,4-Dioxane	BDL	0.54	mg/kg	8260B	10/01/12	5
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	10/01/12	5
Dibromofluoromethane	102.		% Rec.	8260B	10/01/12	5
a,a,a-Trifluorotoluene	102.		% Rec.	8260B	10/01/12	5
4-Bromofluorobenzene	101.		% Rec.	8260B	10/01/12	5

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: 10/10/12 09:19 Printed: 10/10/12 11:12

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REPORT OF ANALYSIS

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

October 10,2012

ESC Sample # : L598343-02

Site ID :

Project # : 33123-021

Date Received : September 29, 2012
Description : Tioga

Sample ID : 4552-092712-1115

Collected By : D. Nostrant
Collection Date : 09/27/12 11:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.0	0.100	%	2540G	10/04/12	1
Volatile Organics						
Acetone	BDL	0.27	mg/kg	8260B	10/01/12	5
Benzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
n-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
sec-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
tert-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Carbon tetrachloride	BDL	0.0055	mg/kg	8260B	10/01/12	5
Chlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Chloroform	BDL	0.027	mg/kg	8260B	10/01/12	5
Chloromethane	BDL	0.014	mg/kg	8260B	10/01/12	5
1,2-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,3-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,4-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,1-Dichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,2-Dichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,1-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
cis-1,2-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
trans-1,2-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Ethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
2-Butanone (MEK)	BDL	0.055	mg/kg	8260B	10/01/12	5
Methylene Chloride	BDL	0.027	mg/kg	8260B	10/01/12	5
Methyl tert-butyl ether	BDL	0.027	mg/kg	8260B	10/01/12	5
n-Propylbenzene	BDL	0.027	mg/kg	8260B	10/01/12	5
Tetrachloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Toluene	BDL	0.027	mg/kg	8260B	10/01/12	5
1,1,1-Trichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
Trichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,2,4-Trimethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,3,5-Trimethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Vinyl chloride	BDL	0.0055	mg/kg	8260B	10/01/12	5
Xylenes, Total	BDL	0.016	mg/kg	8260B	10/01/12	5
1,4-Dioxane	BDL	0.55	mg/kg	8260B	10/01/12	5
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	10/01/12	5
Dibromofluoromethane	99.7		% Rec.	8260B	10/01/12	5
a,a,a-Trifluorotoluene	102.		% Rec.	8260B	10/01/12	5
4-Bromofluorobenzene	101.		% Rec.	8260B	10/01/12	5

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

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REPORT OF ANALYSIS

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

October 10,2012

ESC Sample # : L598343-03

Site ID :

Project # : 33123-021

Date Received : September 29, 2012
Description : Tioga

Sample ID : 4552-092712-1130

Collected By : D. Nostrant
Collection Date : 09/27/12 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.27	mg/kg	9012B	10/04/12	1
Chromium,Hexavalent	BDL	2.2	mg/kg	3060A/7196A	10/04/12	1
Chromium,Trivalent	11.	2.2	mg/kg	Calc.	10/03/12	1
ORP	200		mV	2580	10/05/12	1
pH	8.1		su	9045D	10/03/12	1
Total Solids	91.2	0.100	%	2540G	10/04/12	1
Mercury	BDL	0.022	mg/kg	7471	10/03/12	1
Arsenic	11.	1.1	mg/kg	6010B	10/03/12	1
Beryllium	0.33	0.11	mg/kg	6010B	10/03/12	1
Cadmium	BDL	0.27	mg/kg	6010B	10/03/12	1
Chromium	11.	0.55	mg/kg	6010B	10/03/12	1
Copper	24.	1.1	mg/kg	6010B	10/03/12	1
Lead	25.	0.27	mg/kg	6010B	10/03/12	1
Manganese	520	0.55	mg/kg	6010B	10/03/12	1
Nickel	13.	1.1	mg/kg	6010B	10/03/12	1
Selenium	BDL	1.1	mg/kg	6010B	10/03/12	1
Silver	BDL	0.55	mg/kg	6010B	10/03/12	1
Zinc	53.	1.6	mg/kg	6010B	10/03/12	1
Volatile Organics						
Acetone	BDL	0.27	mg/kg	8260B	10/01/12	5
Benzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
n-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
sec-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
tert-Butylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Carbon tetrachloride	BDL	0.0055	mg/kg	8260B	10/01/12	5
Chlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Chloroform	BDL	0.027	mg/kg	8260B	10/01/12	5
Chloromethane	BDL	0.014	mg/kg	8260B	10/01/12	5
1,2-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,3-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,4-Dichlorobenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,1-Dichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,2-Dichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,1-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
cis-1,2-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
trans-1,2-Dichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5

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

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L598343-03 (PH) - 8.1@20.3c

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REPORT OF ANALYSIS

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

October 10,2012

ESC Sample # : L598343-03

Site ID :

Project # : 33123-021

Date Received : September 29, 2012
Description : Tioga

Sample ID : 4552-092712-1130

Collected By : D. Nostrant
Collection Date : 09/27/12 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Ethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
2-Butanone (MEK)	BDL	0.055	mg/kg	8260B	10/01/12	5
Methylene Chloride	BDL	0.027	mg/kg	8260B	10/01/12	5
Methyl tert-butyl ether	BDL	0.027	mg/kg	8260B	10/01/12	5
n-Propylbenzene	BDL	0.027	mg/kg	8260B	10/01/12	5
Tetrachloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Toluene	BDL	0.027	mg/kg	8260B	10/01/12	5
1,1,1-Trichloroethane	BDL	0.0055	mg/kg	8260B	10/01/12	5
Trichloroethene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,2,4-Trimethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
1,3,5-Trimethylbenzene	BDL	0.0055	mg/kg	8260B	10/01/12	5
Vinyl chloride	BDL	0.0055	mg/kg	8260B	10/01/12	5
Xylenes, Total	BDL	0.016	mg/kg	8260B	10/01/12	5
1,4-Dioxane	BDL	0.55	mg/kg	8260B	10/01/12	5
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	10/01/12	5
Dibromofluoromethane	98.4		% Rec.	8260B	10/01/12	5
a,a,a-Trifluorotoluene	103.		% Rec.	8260B	10/01/12	5
4-Bromofluorobenzene	99.8		% Rec.	8260B	10/01/12	5
Pesticide/PCBs						
Aldrin	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Alpha BHC	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Beta BHC	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Delta BHC	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Gamma BHC	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Chlordane	BDL	0.22	mg/kg	8081/8082	10/09/12	1
4,4-DDD	BDL	0.022	mg/kg	8081/8082	10/09/12	1
4,4-DDE	BDL	0.022	mg/kg	8081/8082	10/09/12	1
4,4-DDT	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Dieldrin	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Endosulfan I	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Endosulfan II	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Endosulfan sulfate	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Endrin	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Heptachlor	BDL	0.022	mg/kg	8081/8082	10/09/12	1
Hexachlorobenzene	BDL	0.022	mg/kg	8081/8082	10/09/12	1
PCB 1016	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1221	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1232	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1242	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1248	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1254	BDL	0.019	mg/kg	8081/8082	10/04/12	1
PCB 1260	BDL	0.019	mg/kg	8081/8082	10/04/12	1

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

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L598343-03 (PH) - 8.1@20.3c

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REPORT OF ANALYSIS

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

October 10,2012

ESC Sample # : L598343-03

Site ID :

Project # : 33123-021

Date Received : September 29, 2012
Description : Tioga

Sample ID : 4552-092712-1130

Collected By : D. Nostrant
Collection Date : 09/27/12 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Pest/PCBs Surrogates						
Decachlorobiphenyl	111.		% Rec.	8081/8082	10/04/12	1
Tetrachloro-m-xylene	98.5		% Rec.	8081/8082	10/04/12	1
Herbicides						
2,4,5-TP (Silvex)	BDL	0.077	mg/kg	8151	10/03/12	1
Surrogate Recovery						
2,4-Dichlorophenyl Acetic Acid	51.3		% Rec.	8151	10/03/12	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.036	mg/kg	8270C	10/08/12	1
Acenaphthylene	BDL	0.036	mg/kg	8270C	10/08/12	1
Anthracene	BDL	0.036	mg/kg	8270C	10/08/12	1
Benzo(a)anthracene	BDL	0.036	mg/kg	8270C	10/08/12	1
Benzo(b)fluoranthene	BDL	0.036	mg/kg	8270C	10/08/12	1
Benzo(k)fluoranthene	BDL	0.036	mg/kg	8270C	10/08/12	1
Benzo(g,h,i)perylene	BDL	0.036	mg/kg	8270C	10/08/12	1
Benzo(a)pyrene	BDL	0.036	mg/kg	8270C	10/08/12	1
Chrysene	BDL	0.036	mg/kg	8270C	10/08/12	1
Dibenz(a,h)anthracene	BDL	0.036	mg/kg	8270C	10/08/12	1
Fluoranthene	BDL	0.036	mg/kg	8270C	10/08/12	1
Fluorene	BDL	0.036	mg/kg	8270C	10/08/12	1
Hexachlorobenzene	BDL	0.36	mg/kg	8270C	10/08/12	1
Indeno(1,2,3-cd)pyrene	BDL	0.036	mg/kg	8270C	10/08/12	1
Naphthalene	BDL	0.036	mg/kg	8270C	10/08/12	1
Phenanthrene	BDL	0.036	mg/kg	8270C	10/08/12	1
Pyrene	BDL	0.036	mg/kg	8270C	10/08/12	1
Acid Extractables						
Dibenzofuran	BDL	0.036	mg/kg	8270C	10/08/12	1
2-Methylphenol	BDL	0.36	mg/kg	8270C	10/08/12	1
3&4-Methyl Phenol	BDL	0.36	mg/kg	8270C	10/08/12	1
Pentachlorophenol	BDL	0.36	mg/kg	8270C	10/08/12	1
Phenol	BDL	0.36	mg/kg	8270C	10/08/12	1
Surrogate Recovery						
2-Fluorophenol	67.2		% Rec.	8270C	10/08/12	1
Phenol-d5	66.1		% Rec.	8270C	10/08/12	1
Nitrobenzene-d5	65.0		% Rec.	8270C	10/08/12	1
2-Fluorobiphenyl	78.3		% Rec.	8270C	10/08/12	1
2,4,6-Tribromophenol	81.6		% Rec.	8270C	10/08/12	1
p-Terphenyl-d14	68.9		% Rec.	8270C	10/08/12	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: 10/10/12 09:19 Printed: 10/10/12 11:12
L598343-03 (PH) - 8.1@20.3c

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L598343-03	WG615712	SAMP	pH	R2374536	T8

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
T8	(ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

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Haley & Aldrich
Mr. Jon Babcock
200 Town Centre Dr., Ste. 2

Rochester, NY 14623

Quality Assurance Report
Level II

L598343

October 10, 2012

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,1-Trichloroethane	< .001	mg/kg			WG615618	10/01/12 16:27
1,1-Dichloroethane	< .001	mg/kg			WG615618	10/01/12 16:27
1,1-Dichloroethene	< .001	mg/kg			WG615618	10/01/12 16:27
1,2,4-Trimethylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
1,2-Dichlorobenzene	< .001	mg/kg			WG615618	10/01/12 16:27
1,2-Dichloroethane	< .001	mg/kg			WG615618	10/01/12 16:27
1,3,5-Trimethylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
1,3-Dichlorobenzene	< .001	mg/kg			WG615618	10/01/12 16:27
1,4-Dichlorobenzene	< .001	mg/kg			WG615618	10/01/12 16:27
1,4-Dioxane	< .1	mg/kg			WG615618	10/01/12 16:27
2-Butanone (MEK)	< .01	mg/kg			WG615618	10/01/12 16:27
Acetone	< .05	mg/kg			WG615618	10/01/12 16:27
Benzene	< .001	mg/kg			WG615618	10/01/12 16:27
Carbon tetrachloride	< .001	mg/kg			WG615618	10/01/12 16:27
Chlorobenzene	< .001	mg/kg			WG615618	10/01/12 16:27
Chloroform	< .005	mg/kg			WG615618	10/01/12 16:27
Chloromethane	< .0025	mg/kg			WG615618	10/01/12 16:27
cis-1,2-Dichloroethene	< .001	mg/kg			WG615618	10/01/12 16:27
Ethylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
Methyl tert-butyl ether	< .001	mg/kg			WG615618	10/01/12 16:27
Methylene Chloride	< .005	mg/kg			WG615618	10/01/12 16:27
n-Butylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
n-Propylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
sec-Butylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
tert-Butylbenzene	< .001	mg/kg			WG615618	10/01/12 16:27
Tetrachloroethene	< .001	mg/kg			WG615618	10/01/12 16:27
Toluene	< .005	mg/kg			WG615618	10/01/12 16:27
trans-1,2-Dichloroethene	< .001	mg/kg			WG615618	10/01/12 16:27
Trichloroethene	< .001	mg/kg			WG615618	10/01/12 16:27
Vinyl chloride	< .001	mg/kg			WG615618	10/01/12 16:27
Xylenes, Total	< .003	mg/kg			WG615618	10/01/12 16:27
4-Bromofluorobenzene		% Rec.	98.55	67-133	WG615618	10/01/12 16:27
Dibromofluoromethane		% Rec.	101.8	72-135	WG615618	10/01/12 16:27
Toluene-d8		% Rec.	102.5	90-113	WG615618	10/01/12 16:27
a,a,a-Trifluorotoluene		% Rec.	102.2	89-115	WG615618	10/01/12 16:27
Mercury	< .02	mg/kg			WG615765	10/03/12 11:14
Arsenic	< 1	mg/kg			WG615837	10/03/12 12:06
Beryllium	< .1	mg/kg			WG615837	10/03/12 12:06
Cadmium	< .25	mg/kg			WG615837	10/03/12 12:06
Chromium	< .5	mg/kg			WG615837	10/03/12 12:06
Copper	< 1	mg/kg			WG615837	10/03/12 12:06
Lead	< .25	mg/kg			WG615837	10/03/12 12:06
Manganese	< .5	mg/kg			WG615837	10/03/12 12:06
Nickel	< 1	mg/kg			WG615837	10/03/12 12:06
Selenium	< 1	mg/kg			WG615837	10/03/12 12:06
Silver	< .5	mg/kg			WG615837	10/03/12 12:06
Zinc	< 1.5	mg/kg			WG615837	10/03/12 12:06
Total Solids	< .1	%			WG615813	10/04/12 09:31
Cyanide	< .25	mg/kg			WG615897	10/04/12 14:05

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Quality Assurance Report
Level II

L598343

October 10, 2012

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
2,4,5-TP (Silvex)	< .07	mg/kg			WG615479	10/02/12 21:13
2,4-Dichlorophenyl Acetic Acid		%	71.93	37-99	WG615479	10/02/12 21:13
Chromium,Hexavalent	< 2	mg/kg			WG615888	10/04/12 16:31
4,4-DDD	< .02	mg/kg			WG615828	10/04/12 10:14
4,4-DDE	< .02	mg/kg			WG615828	10/04/12 10:14
4,4-DDT	< .02	mg/kg			WG615828	10/04/12 10:14
Aldrin	< .02	mg/kg			WG615828	10/04/12 10:14
Alpha BHC	< .02	mg/kg			WG615828	10/04/12 10:14
Beta BHC	< .02	mg/kg			WG615828	10/04/12 10:14
Chlordane	< .2	mg/kg			WG615828	10/04/12 10:14
Delta BHC	< .02	mg/kg			WG615828	10/04/12 10:14
Dieldrin	< .02	mg/kg			WG615828	10/04/12 10:14
Endosulfan I	< .02	mg/kg			WG615828	10/04/12 10:14
Endosulfan II	< .02	mg/kg			WG615828	10/04/12 10:14
Endosulfan sulfate	< .02	mg/kg			WG615828	10/04/12 10:14
Endrin	< .02	mg/kg			WG615828	10/04/12 10:14
Gamma BHC	< .02	mg/kg			WG615828	10/04/12 10:14
Heptachlor	< .02	mg/kg			WG615828	10/04/12 10:14
Hexachlorobenzene	< .02	mg/kg			WG615828	10/04/12 10:14
Decachlorobiphenyl		% Rec.	84.22	18.9-115.8	WG615828	10/04/12 10:14
Tetrachloro-m-xylene		% Rec.	87.72	31.8-115.7	WG615828	10/04/12 10:14
PCB 1016	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1221	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1232	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1242	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1248	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1254	< .017	mg/kg			WG615828	10/04/12 14:35
PCB 1260	< .017	mg/kg			WG615828	10/04/12 14:35
Decachlorobiphenyl		% Rec.	99.89	18.9-115.8	WG615828	10/04/12 14:35
Tetrachloro-m-xylene		% Rec.	95.86	31.8-115.7	WG615828	10/04/12 14:35
2-Methylphenol	< .333	mg/kg			WG615832	10/08/12 04:37
3&4-Methyl Phenol	< .333	mg/kg			WG615832	10/08/12 04:37
Acenaphthene	< .033	mg/kg			WG615832	10/08/12 04:37
Acenaphthylene	< .033	mg/kg			WG615832	10/08/12 04:37
Anthracene	< .033	mg/kg			WG615832	10/08/12 04:37
Benzo(a)anthracene	< .033	mg/kg			WG615832	10/08/12 04:37
Benzo(a)pyrene	< .033	mg/kg			WG615832	10/08/12 04:37
Benzo(b)fluoranthene	< .033	mg/kg			WG615832	10/08/12 04:37
Benzo(g,h,i)perylene	< .033	mg/kg			WG615832	10/08/12 04:37
Benzo(k)fluoranthene	< .033	mg/kg			WG615832	10/08/12 04:37
Chrysene	< .033	mg/kg			WG615832	10/08/12 04:37
Dibenz(a,h)anthracene	< .033	mg/kg			WG615832	10/08/12 04:37
Dibenzofuran	< .333	mg/kg			WG615832	10/08/12 04:37
Fluoranthene	< .033	mg/kg			WG615832	10/08/12 04:37
Fluorene	< .033	mg/kg			WG615832	10/08/12 04:37
Hexachlorobenzene	< .333	mg/kg			WG615832	10/08/12 04:37
Indeno(1,2,3-cd)pyrene	< .033	mg/kg			WG615832	10/08/12 04:37
Naphthalene	< .033	mg/kg			WG615832	10/08/12 04:37
Pentachlorophenol	< .333	mg/kg			WG615832	10/08/12 04:37
Phenanthrene	< .033	mg/kg			WG615832	10/08/12 04:37
Phenol	< .333	mg/kg			WG615832	10/08/12 04:37
Pyrene	< .033	mg/kg			WG615832	10/08/12 04:37
2,4,6-Tribromophenol		% Rec.	64.10	16-136	WG615832	10/08/12 04:37

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Quality Assurance Report
Level II

L598343

October 10, 2012

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
2-Fluorobiphenyl		% Rec.	76.98	37-119		10/08/12 04:37
2-Fluorophenol		% Rec.	67.63	22-114		10/08/12 04:37
Nitrobenzene-d5		% Rec.	65.26	20-114		10/08/12 04:37
Phenol-d5		% Rec.	71.92	26-127		10/08/12 04:37
p-Terphenyl-d14		% Rec.	66.88	15-174		10/08/12 04:37

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Mercury	mg/kg	0	0	0	20	L598297-07	WG615765
pH	su	7.90	7.90	0.127	1	L597785-01	WG615712
pH	su	8.10	8.10	0	1	L598343-03	WG615712
Arsenic	mg/kg	4.50	3.70	20.0	20	L598297-01	WG615837
Beryllium	mg/kg	1.40	1.44	0.692	20	L598297-01	WG615837
Cadmium	mg/kg	0	0	0	20	L598297-01	WG615837
Chromium	mg/kg	9.40	9.50	1.48	20	L598297-01	WG615837
Copper	mg/kg	8.50	8.69	2.68	20	L598297-01	WG615837
Manganese	mg/kg	240.	241.	1.67	20	L598297-01	WG615837
Nickel	mg/kg	3.40	3.32	1.79	20	L598297-01	WG615837
Selenium	mg/kg	0	1.80	NA	20	L598297-01	WG615837
Zinc	mg/kg	28.0	29.0	3.51	20	L598297-01	WG615837
Lead	mg/kg	5.60	5.60	0.897	20	L598297-01	WG615837
Silver	mg/kg	0	0	0	20	L598297-01	WG615837
Total Solids	%	84.0	86.9	2.89	5	L598462-02	WG615813
Cyanide	mg/kg	0	0	0	20	L598304-01	WG615897
Chromium,Hexavalent	mg/kg	0	0	0	20	L598343-03	WG615888
Chromium,Hexavalent	mg/kg	0	0	0	20	L598408-08	WG615888
ORP	mV	140.	150.	6.19	20	L598202-05	WG616361
ORP	mV	62.0	65.0	4.72	20	L599129-02	WG616361

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1-Trichloroethane	mg/kg	.025	0.0266	106.	70-127	WG615618
1,1-Dichloroethane	mg/kg	.025	0.0273	109.	74-121	WG615618
1,1-Dichloroethene	mg/kg	.025	0.0271	108.	53-135	WG615618
1,2,4-Trimethylbenzene	mg/kg	.025	0.0265	106.	75-131	WG615618
1,2-Dichlorobenzene	mg/kg	.025	0.0270	108.	80-123	WG615618
1,2-Dichloroethane	mg/kg	.025	0.0293	117.	70-128	WG615618
1,3,5-Trimethylbenzene	mg/kg	.025	0.0260	104.	77-129	WG615618
1,3-Dichlorobenzene	mg/kg	.025	0.0272	109.	76-128	WG615618
1,4-Dichlorobenzene	mg/kg	.025	0.0257	103.	77-119	WG615618
2-Butanone (MEK)	mg/kg	.125	0.0993	79.5	56-146	WG615618
Acetone	mg/kg	.125	0.0875	70.0	47-155	WG615618
Benzene	mg/kg	.025	0.0277	111.	72-120	WG615618
Carbon tetrachloride	mg/kg	.025	0.0260	104.	62-130	WG615618
Chlorobenzene	mg/kg	.025	0.0270	108.	77-124	WG615618

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Quality Assurance Report
Level II

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October 10, 2012

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Chloroform	mg/kg	.025	0.0268	107.	76-122	WG615618
Chloromethane	mg/kg	.025	0.0284	114.	49-143	WG615618
cis-1,2-Dichloroethene	mg/kg	.025	0.0275	110.	73-123	WG615618
Ethylbenzene	mg/kg	.025	0.0264	106.	76-126	WG615618
Methyl tert-butyl ether	mg/kg	.025	0.0267	107.	66-127	WG615618
Methylene Chloride	mg/kg	.025	0.0275	110.	67-124	WG615618
n-Butylbenzene	mg/kg	.025	0.0251	100.	71-133	WG615618
n-Propylbenzene	mg/kg	.025	0.0260	104.	76-126	WG615618
sec-Butylbenzene	mg/kg	.025	0.0258	103.	75-132	WG615618
tert-Butylbenzene	mg/kg	.025	0.0262	105.	75-132	WG615618
Tetrachloroethene	mg/kg	.025	0.0274	110.	70-131	WG615618
Toluene	mg/kg	.025	0.0263	105.	74-155	WG615618
trans-1,2-Dichloroethene	mg/kg	.025	0.0267	107.	63-126	WG615618
Trichloroethene	mg/kg	.025	0.0275	110.	75-121	WG615618
Vinyl chloride	mg/kg	.025	0.0289	116.	54-144	WG615618
Xylenes, Total	mg/kg	.075	0.0796	106.	76-126	WG615618
4-Bromofluorobenzene				98.39	67-133	WG615618
Dibromofluoromethane				102.0	72-135	WG615618
Toluene-d8				102.1	90-113	WG615618
a,a,a-Trifluorotoluene				100.1	89-115	WG615618
Mercury	mg/kg	12.4	14.8	119.	71.6-128	WG615765
pH	su	6.03	6.08	101.	98-101	WG615712
Arsenic	mg/kg	237	226.	95.4	83.1-117	WG615837
Beryllium	mg/kg	93.3	91.1	97.6	83.3-117	WG615837
Cadmium	mg/kg	191	185.	96.9	83.2-117	WG615837
Chromium	mg/kg	128	125.	97.7	81.3-118	WG615837
Copper	mg/kg	123	121.	98.4	83.7-116	WG615837
Lead	mg/kg	103	109.	106.	83.1-117	WG615837
Manganese	mg/kg	333	329.	98.8	82.3-117	WG615837
Nickel	mg/kg	118	106.	89.8	82-118	WG615837
Selenium	mg/kg	110	106.	96.4	78.7-122	WG615837
Silver	mg/kg	47.3	43.8	92.6	66.2-134	WG615837
Zinc	mg/kg	183	202.	110.	82-118	WG615837
Total Solids	%	50	50.1	100.	85-115	WG615813
Cyanide	mg/kg	41.2	30.1	73.1	50-150	WG615897
2,4,5-TP (Silvex)	mg/kg	.167	0.142	84.8	46-116	WG615479
2,4-Dichlorophenyl Acetic Acid				73.57	37-99	WG615479
Chromium,Hexavalent	mg/kg	150	137.	91.3	80-120	WG615888
4,4-DDD	mg/kg	.0667	0.0622	93.3	74-114	WG615828
4,4-DDE	mg/kg	.0667	0.0617	92.5	74-115	WG615828
4,4-DDT	mg/kg	.0667	0.0584	87.6	62-124	WG615828
Aldrin	mg/kg	.0667	0.0588	88.2	69-110	WG615828
Alpha BHC	mg/kg	.0667	0.0584	87.6	68-111	WG615828

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Level II

L598343

October 10, 2012

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Beta BHC	mg/kg	.0667	0.0615	92.2	74-112	WG615828
Delta BHC	mg/kg	.0667	0.0671	101.	71-110	WG615828
Dieldrin	mg/kg	.0667	0.0622	93.3	76-115	WG615828
Endosulfan I	mg/kg	.0667	0.0631	94.6	76-119	WG615828
Endosulfan II	mg/kg	.0667	0.0636	95.4	75-116	WG615828
Endosulfan sulfate	mg/kg	.0667	0.0726	109.	70-118	WG615828
Endrin	mg/kg	.0667	0.0567	85.0	68-115	WG615828
Gamma BHC	mg/kg	.0667	0.0601	90.0	70-112	WG615828
Heptachlor	mg/kg	.0667	0.0565	84.6	69-111	WG615828
Hexachlorobenzene	mg/kg	.0667	0.0520	78.0	64-111	WG615828
Decachlorobiphenyl				91.36	18.9-115.8	WG615828
Tetrachloro-m-xylene				89.26	31.8-115.7	WG615828
PCB 1016	mg/kg	.167	0.168	101.	64-120	WG615828
PCB 1260	mg/kg	.167	0.197	118.	72-130	WG615828
Decachlorobiphenyl				113.0	18.9-115.8	WG615828
Tetrachloro-m-xylene				92.06	31.8-115.7	WG615828
ORP	mV	228	228.	100.	95.6-104.	WG616361
2-Methylphenol	mg/kg	.333	0.236	70.7	52-90	WG615832
3&4-Methyl Phenol	mg/kg	.333	0.265	79.7	60-104	WG615832
Acenaphthene	mg/kg	.333	0.235	70.5	55-96	WG615832
Acenaphthylene	mg/kg	.333	0.251	75.3	61-107	WG615832
Anthracene	mg/kg	.333	0.261	78.5	58-105	WG615832
Benzo(a)anthracene	mg/kg	.333	0.252	75.5	56-103	WG615832
Benzo(a)pyrene	mg/kg	.333	0.257	77.1	57-103	WG615832
Benzo(b)fluoranthene	mg/kg	.333	0.257	77.2	52-106	WG615832
Benzo(g,h,i)perylene	mg/kg	.333	0.224	67.4	47-112	WG615832
Benzo(k)fluoranthene	mg/kg	.333	0.265	79.5	53-104	WG615832
Chrysene	mg/kg	.333	0.249	74.7	55-102	WG615832
Dibenz(a,h)anthracene	mg/kg	.333	0.245	73.5	49-111	WG615832
Dibenzofuran	mg/kg	.333	0.234	70.3	56-98	WG615832
Fluoranthene	mg/kg	.333	0.255	76.6	59-108	WG615832
Fluorene	mg/kg	.333	0.251	75.3	59-100	WG615832
Hexachlorobenzene	mg/kg	.333	0.214	64.2	50-108	WG615832
Indeno(1,2,3-cd)pyrene	mg/kg	.333	0.238	71.4	50-110	WG615832
Naphthalene	mg/kg	.333	0.242	72.8	55-91	WG615832
Pentachlorophenol	mg/kg	.333	0.146	43.9	10-89	WG615832
Phenanthrene	mg/kg	.333	0.243	73.1	55-103	WG615832
Phenol	mg/kg	.333	0.237	71.2	49-99	WG615832
Pyrene	mg/kg	.333	0.225	67.4	54-104	WG615832
2,4,6-Tribromophenol				70.50	16-136	WG615832
2-Fluorobiphenyl				72.89	37-119	WG615832
2-Fluorophenol				68.66	22-114	WG615832
Nitrobenzene-d5				72.84	20-114	WG615832
Phenol-d5				69.47	26-127	WG615832
p-Terphenyl-d14				64.90	15-174	WG615832

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,1-Trichloroethane	mg/kg	0.0260	0.0266	104.	70-127	2.25	20	WG615618
1,1-Dichloroethane	mg/kg	0.0277	0.0273	111.	74-121	1.32	20	WG615618
1,1-Dichloroethene	mg/kg	0.0256	0.0271	102.	53-135	5.67	20	WG615618
1,2,4-Trimethylbenzene	mg/kg	0.0270	0.0265	108.	75-131	1.78	20	WG615618
1,2-Dichlorobenzene	mg/kg	0.0267	0.0270	107.	80-123	1.06	20	WG615618
1,2-Dichloroethane	mg/kg	0.0299	0.0293	119.	70-128	2.04	20	WG615618

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Level II

L598343

October 10, 2012

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Sample Duplicate RPD	Limit	Batch
1,3,5-Trimethylbenzene	mg/kg	0.0265	0.0260	106.	77-129	1.91	20	WG615618
1,3-Dichlorobenzene	mg/kg	0.0280	0.0272	112.	76-128	3.11	20	WG615618
1,4-Dichlorobenzene	mg/kg	0.0257	0.0257	103.	77-119	0.240	20	WG615618
2-Butanone (MEK)	mg/kg	0.104	0.0993	83.0	56-146	4.53	20	WG615618
Acetone	mg/kg	0.0983	0.0875	79.0	47-155	11.7	22	WG615618
Benzene	mg/kg	0.0281	0.0277	112.	72-120	1.43	20	WG615618
Carbon tetrachloride	mg/kg	0.0259	0.0260	104.	62-130	0.400	20	WG615618
Chlorobenzene	mg/kg	0.0275	0.0270	110.	77-124	1.64	20	WG615618
Chloroform	mg/kg	0.0272	0.0268	109.	76-122	1.28	20	WG615618
Chloromethane	mg/kg	0.0284	0.0284	114.	49-143	0	20	WG615618
cis-1,2-Dichloroethene	mg/kg	0.0285	0.0275	114.	73-123	3.71	20	WG615618
Ethylbenzene	mg/kg	0.0268	0.0264	107.	76-126	1.41	20	WG615618
Methyl tert-butyl ether	mg/kg	0.0272	0.0267	109.	66-127	1.77	20	WG615618
Methylene Chloride	mg/kg	0.0270	0.0275	108.	67-124	1.67	20	WG615618
n-Butylbenzene	mg/kg	0.0247	0.0251	99.0	71-133	1.83	20	WG615618
n-Propylbenzene	mg/kg	0.0265	0.0260	106.	76-126	1.65	20	WG615618
sec-Butylbenzene	mg/kg	0.0258	0.0258	103.	75-132	0.110	20	WG615618
tert-Butylbenzene	mg/kg	0.0264	0.0262	106.	75-132	0.760	20	WG615618
Tetrachloroethene	mg/kg	0.0276	0.0274	110.	70-131	0.700	20	WG615618
Toluene	mg/kg	0.0268	0.0263	107.	74-155	1.90	20	WG615618
trans-1,2-Dichloroethene	mg/kg	0.0267	0.0267	107.	63-126	0.0900	20	WG615618
Trichloroethene	mg/kg	0.0280	0.0275	112.	75-121	2.06	20	WG615618
Vinyl chloride	mg/kg	0.0291	0.0289	116.	54-144	0.570	20	WG615618
Xylenes, Total	mg/kg	0.0816	0.0796	109.	76-126	2.58	20	WG615618
4-Bromofluorobenzene				99.82	67-133			WG615618
Dibromofluoromethane				102.3	72-135			WG615618
Toluene-d8				102.5	90-113			WG615618
a,a,a-Trifluorotoluene				102.8	89-115			WG615618
pH	su	6.10	6.08	101.	98-101	0.328	20	WG615712
Cyanide	mg/kg	32.3	30.1	78.0	50-150	7.05	20	WG615897
2,4,5-TP (Silvex)	mg/kg	0.144	0.142	86.0	46-116	1.96	25.2	WG615479
2,4-Dichlorophenyl Acetic Acid				72.59	37-99			WG615479
Chromium,Hexavalent	mg/kg	146.	137.	97.0	80-120	6.36	20	WG615888
4,4-DDD	mg/kg	0.0658	0.0622	98.0	74-114	5.54	20	WG615828
4,4-DDE	mg/kg	0.0652	0.0617	98.0	74-115	5.56	20	WG615828
4,4-DDT	mg/kg	0.0615	0.0584	92.0	62-124	5.12	20	WG615828
Aldrin	mg/kg	0.0609	0.0588	91.0	69-110	3.53	20	WG615828
Alpha BHC	mg/kg	0.0599	0.0584	90.0	68-111	2.49	20	WG615828
Beta BHC	mg/kg	0.0641	0.0615	96.0	74-112	4.03	20	WG615828
Delta BHC	mg/kg	0.0702	0.0671	105.	71-110	4.48	20	WG615828
Dieldrin	mg/kg	0.0649	0.0622	97.0	76-115	4.20	20	WG615828
Endosulfan I	mg/kg	0.0646	0.0631	97.0	76-119	2.36	20	WG615828
Endosulfan II	mg/kg	0.0666	0.0636	100.	75-116	4.53	20	WG615828
Endosulfan sulfate	mg/kg	0.0768	0.0726	115.	70-118	5.61	20	WG615828
Endrin	mg/kg	0.0583	0.0567	87.0	68-115	2.78	20	WG615828
Gamma BHC	mg/kg	0.0616	0.0601	92.0	70-112	2.54	20	WG615828
Heptachlor	mg/kg	0.0582	0.0565	87.0	69-111	3.02	20	WG615828
Hexachlorobenzene	mg/kg	0.0539	0.0520	81.0	64-111	3.65	20	WG615828
Decachlorobiphenyl				93.06	18.9-115.8			WG615828

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Haley & Aldrich
Mr. Jon Babcock
200 Town Centre Dr., Ste. 2

Rochester, NY 14623

Quality Assurance Report
Level II

L598343

October 10, 2012

Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	RPD	Limit	Batch
Tetrachloro-m-xylene				89.02	31.8-115.7			
PCB 1016	mg/kg	0.178	0.168	106.	64-120	5.47	20	WG615828
PCB 1260	mg/kg	0.199	0.197	119.	72-130	1.26	20	WG615828
Decachlorobiphenyl				110.8	18.9-115.8			WG615828
Tetrachloro-m-xylene				97.95	31.8-115.7			WG615828
ORP	mV	228.	228.	100.	95.6-104.	0	20	WG616361
2-Methylphenol	mg/kg	0.214	0.236	64.0	52-90	9.56	20	WG615832
3&4-Methyl Phenol	mg/kg	0.244	0.265	73.0	60-104	8.52	20	WG615832
Acenaphthene	mg/kg	0.237	0.235	71.0	55-96	0.943	20	WG615832
Acenaphthylene	mg/kg	0.252	0.251	76.0	61-107	0.505	20	WG615832
Anthracene	mg/kg	0.248	0.261	74.0	58-105	5.15	20	WG615832
Benzo(a)anthracene	mg/kg	0.239	0.252	72.0	56-103	5.31	20	WG615832
Benzo(a)pyrene	mg/kg	0.245	0.257	73.0	57-103	4.80	20	WG615832
Benzo(b)fluoranthene	mg/kg	0.233	0.257	70.0	52-106	10.1	20	WG615832
Benzo(g,h,i)perylene	mg/kg	0.215	0.224	65.0	47-112	4.15	20	WG615832
Benzo(k)fluoranthene	mg/kg	0.255	0.265	76.0	53-104	3.92	20	WG615832
Chrysene	mg/kg	0.249	0.249	75.0	55-102	0.173	20	WG615832
Dibenz(a,h)anthracene	mg/kg	0.234	0.245	70.0	49-111	4.52	20	WG615832
Dibenzofuran	mg/kg	0.241	0.234	72.0	56-98	2.90	20	WG615832
Fluoranthene	mg/kg	0.245	0.255	74.0	59-108	4.15	20	WG615832
Fluorene	mg/kg	0.248	0.251	74.0	59-100	1.09	20	WG615832
Hexachlorobenzene	mg/kg	0.207	0.214	62.0	50-108	3.31	20	WG615832
Indeno(1,2,3-cd)pyrene	mg/kg	0.231	0.238	69.0	50-110	3.02	20	WG615832
Naphthalene	mg/kg	0.227	0.242	68.0	55-91	6.78	20	WG615832
Pentachlorophenol	mg/kg	0.139	0.146	42.0	10-89	5.18	28	WG615832
Phenanthrene	mg/kg	0.237	0.243	71.0	55-103	2.77	20	WG615832
Phenol	mg/kg	0.219	0.237	66.0	49-99	8.11	20	WG615832
Pyrene	mg/kg	0.209	0.225	63.0	54-104	7.19	20	WG615832
2,4,6-Tribromophenol				72.17	16-136			WG615832
2-Fluorobiphenyl				76.81	37-119			WG615832
2-Fluorophenol				64.82	22-114			WG615832
Nitrobenzene-d5				68.74	20-114			WG615832
Phenol-d5				67.30	26-127			WG615832
p-Terphenyl-d14				62.25	15-174			WG615832

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1-Trichloroethane	mg/kg	0.156	0	.025	125.	43-142	L598129-09	WG615618
1,1-Dichloroethane	mg/kg	0.149	0	.025	120.	50-131	L598129-09	WG615618
1,1-Dichloroethene	mg/kg	0.165	0	.025	132.	29-145	L598129-09	WG615618
1,2,4-Trimethylbenzene	mg/kg	0.142	0	.025	114.	29-143	L598129-09	WG615618
1,2-Dichlorobenzene	mg/kg	0.132	0	.025	106.	37-136	L598129-09	WG615618
1,2-Dichloroethane	mg/kg	0.145	0	.025	116.	49-131	L598129-09	WG615618
1,3,5-Trimethylbenzene	mg/kg	0.144	0	.025	115.	29-144	L598129-09	WG615618
1,3-Dichlorobenzene	mg/kg	0.139	0	.025	111.	26-140	L598129-09	WG615618
1,4-Dichlorobenzene	mg/kg	0.130	0	.025	104.	34-132	L598129-09	WG615618
2-Butanone (MEK)	mg/kg	0.498	0	.125	79.8	40-149	L598129-09	WG615618
Acetone	mg/kg	0.469	0	.125	75.0	10-177	L598129-09	WG615618
Benzene	mg/kg	0.151	0	.025	121.	44-131	L598129-09	WG615618
Carbon tetrachloride	mg/kg	0.157	0	.025	125.	36-140	L598129-09	WG615618
Chlorobenzene	mg/kg	0.143	0	.025	115.	42-133	L598129-09	WG615618
Chloroform	mg/kg	0.145	0	.025	116.	52-130	L598129-09	WG615618
Chloromethane	mg/kg	0.164	0	.025	131.	28-147	L598129-09	WG615618
cis-1,2-Dichloroethene	mg/kg	0.148	0	.025	119.	52-128	L598129-09	WG615618

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Quality Assurance Report
Level II

L598343

October 10, 2012

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Ethylbenzene	mg/kg	0.150	0	.025	120.	38-139	L598129-09	WG615618
Methyl tert-butyl ether	mg/kg	0.132	0	.025	106.	45-134	L598129-09	WG615618
Methylene Chloride	mg/kg	0.140	0	.025	112.	41-133	L598129-09	WG615618
n-Butylbenzene	mg/kg	0.136	0	.025	109.	19-149	L598129-09	WG615618
n-Propylbenzene	mg/kg	0.148	0	.025	119.	27-142	L598129-09	WG615618
sec-Butylbenzene	mg/kg	0.146	0	.025	117.	25-148	L598129-09	WG615618
tert-Butylbenzene	mg/kg	0.150	0	.025	120.	32-146	L598129-09	WG615618
Tetrachloroethene	mg/kg	0.160	0	.025	128.	35-139	L598129-09	WG615618
Toluene	mg/kg	0.147	0	.025	118.	43-127	L598129-09	WG615618
trans-1,2-Dichloroethene	mg/kg	0.155	0	.025	124.	41-132	L598129-09	WG615618
Trichloroethene	mg/kg	0.160	0	.025	128.	42-136	L598129-09	WG615618
Vinyl chloride	mg/kg	0.176	0	.025	141.	30-157	L598129-09	WG615618
Xylenes, Total	mg/kg	0.442	0	.075	118.	38-137	L598129-09	WG615618
4-Bromofluorobenzene					98.90	67-133		WG615618
Dibromofluoromethane					103.2	72-135		WG615618
Toluene-d8					103.7	90-113		WG615618
a,a,a-Trifluorotoluene					104.6	89-115		WG615618
Mercury	mg/kg	0.250	0	.25	100.	80-120	L598297-07	WG615765
Arsenic	mg/kg	33.5	3.70	50	59.6*	75-125	L598297-01	WG615837
Beryllium	mg/kg	33.8	1.44	50	64.7*	75-125	L598297-01	WG615837
Cadmium	mg/kg	32.4	0	50	64.8*	75-125	L598297-01	WG615837
Chromium	mg/kg	36.9	9.50	50	54.8*	75-125	L598297-01	WG615837
Copper	mg/kg	36.5	8.69	50	55.6*	75-125	L598297-01	WG615837
Manganese	mg/kg	196.	241.	50	0*	75-125	L598297-01	WG615837
Nickel	mg/kg	29.8	3.32	50	53.0*	75-125	L598297-01	WG615837
Selenium	mg/kg	31.3	1.80	50	59.0*	75-125	L598297-01	WG615837
Zinc	mg/kg	50.5	29.0	50	43.0*	75-125	L598297-01	WG615837
Lead	mg/kg	47.8	5.60	10	84.4	75-125	L598297-01	WG615837
Silver	mg/kg	44.0	0	10	88.0	75-125	L598297-01	WG615837
Cyanide	mg/kg	3.62	0	3.33	109.	80-120	L598304-03	WG615897
2,4,5-TP (Silvex)	mg/kg	0.123	0	.167	73.9	27-123	L597611-01	WG615479
2,4-Dichlorophenyl Acetic Acid					65.53	37-99		WG615479
Chromium,Hexavalent	mg/kg	0.480	0	20	2.40*	75-125	L597626-06	WG615888
PCB 1016	mg/kg	0.219	0	.167	131.	10-165	L597189-04	WG615828
PCB 1260	mg/kg	0.137	0	.167	82.2	29-154	L597189-04	WG615828
Decachlorobiphenyl					100.4	18.9-115.8		WG615828
Tetrachloro-m-xylene					90.48	31.8-115.7		WG615828
2-Methylphenol	mg/kg	0.246	0	.333	74.0	19-126	L598498-03	WG615832
3&4-Methyl Phenol	mg/kg	0.287	0	.333	86.3	18-150	L598498-03	WG615832
Acenaphthene	mg/kg	0.283	0	.333	84.9	30-132	L598498-03	WG615832
Acenaphthylene	mg/kg	0.281	0	.333	84.3	31-144	L598498-03	WG615832
Anthracene	mg/kg	0.260	0	.333	78.1	27-140	L598498-03	WG615832
Benzo(a)anthracene	mg/kg	0.275	0	.333	82.6	22-139	L598498-03	WG615832
Benzo(a)pyrene	mg/kg	0.266	0	.333	79.9	16-148	L598498-03	WG615832
Benzo(b)fluoranthene	mg/kg	0.277	0	.333	83.1	13-152	L598498-03	WG615832

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Quality Assurance Report
Level II

L598343

October 10, 2012

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzo(g,h,i)perylene	mg/kg	0.214	0	.333	64.2	10-137	L598498-03	WG615832
Benzo(k)fluoranthene	mg/kg	0.267	0	.333	80.1	15-152	L598498-03	WG615832
Chrysene	mg/kg	0.301	0	.333	90.5	20-139	L598498-03	WG615832
Dibenz(a,h)anthracene	mg/kg	0.238	0	.333	71.5	10-137	L598498-03	WG615832
Dibenzofuran	mg/kg	0.268	0	.333	80.3	30-131	L598498-03	WG615832
Fluoranthene	mg/kg	0.313	0	.333	93.9	24-145	L598498-03	WG615832
Fluorene	mg/kg	0.276	0	.333	82.8	30-138	L598498-03	WG615832
Hexachlorobenzene	mg/kg	0.231	0	.333	69.4	26-136	L598498-03	WG615832
Indeno(1,2,3-cd)pyrene	mg/kg	0.235	0	.333	70.6	10-139	L598498-03	WG615832
Naphthalene	mg/kg	0.368	0.0940	.333	82.3	31-124	L598498-03	WG615832
Pentachlorophenol	mg/kg	0.225	0	.333	67.5	10-124	L598498-03	WG615832
Phenanthrene	mg/kg	0.304	0	.333	91.3	25-139	L598498-03	WG615832
Phenol	mg/kg	0.548	0	.333	165.*	22-129	L598498-03	WG615832
Pyrene	mg/kg	0.288	0	.333	86.4	23-145	L598498-03	WG615832
2,4,6-Tribromophenol					83.13	16-136		WG615832
2-Fluorobiphenyl					85.54	37-119		WG615832
2-Fluorophenol					80.22	22-114		WG615832
Nitrobenzene-d5					87.41	20-114		WG615832
Phenol-d5					83.05	26-127		WG615832
p-Terphenyl-d14					71.32	15-174		WG615832
4,4-DDD	mg/kg	0.0654	0	.0667	98.1	45-139	L598343-03	WG615828
4,4-DDE	mg/kg	0.0639	0	.0667	95.9	47-134	L598343-03	WG615828
4,4-DDT	mg/kg	0.0607	0	.0667	91.1	11-148	L598343-03	WG615828
Aldrin	mg/kg	0.0580	0	.0667	87.0	52-117	L598343-03	WG615828
Alpha BHC	mg/kg	0.0551	0	.0667	82.5	51-120	L598343-03	WG615828
Beta BHC	mg/kg	0.0614	0	.0667	92.1	48-124	L598343-03	WG615828
Delta BHC	mg/kg	0.0617	0	.0667	92.5	38-128	L598343-03	WG615828
Dieldrin	mg/kg	0.0636	0	.0667	95.4	48-135	L598343-03	WG615828
Endosulfan I	mg/kg	0.0634	0	.0667	95.1	51-129	L598343-03	WG615828
Endosulfan II	mg/kg	0.0650	0	.0667	97.4	42-142	L598343-03	WG615828
Endosulfan sulfate	mg/kg	0.0617	0	.0667	92.4	38-140	L598343-03	WG615828
Endrin	mg/kg	0.0578	0	.0667	86.7	44-133	L598343-03	WG615828
Gamma BHC	mg/kg	0.0576	0	.0667	86.4	52-119	L598343-03	WG615828
Heptachlor	mg/kg	0.0577	0	.0667	86.5	47-121	L598343-03	WG615828
Hexachlorobenzene	mg/kg	0.0508	0	.0667	76.2	58-115	L598343-03	WG615828
Decachlorobiphenyl					96.07	18.9-115.8		WG615828
Tetrachloro-m-xylene					83.80	31.8-115.7		WG615828

		Matrix Spike Duplicate							
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1,1-Trichloroethane	mg/kg	0.152	0.156	121.	43-142	3.07	24	L598129-09	WG615618
1,1-Dichloroethane	mg/kg	0.143	0.149	114.	50-131	4.45	21	L598129-09	WG615618
1,1-Dichloroethene	mg/kg	0.158	0.165	126.	29-145	4.76	28	L598129-09	WG615618
1,2,4-Trimethylbenzene	mg/kg	0.132	0.142	106.	29-143	7.32	30	L598129-09	WG615618
1,2-Dichlorobenzene	mg/kg	0.128	0.132	103.	37-136	3.14	25	L598129-09	WG615618
1,2-Dichloroethane	mg/kg	0.142	0.145	114.	49-131	1.97	20	L598129-09	WG615618
1,3,5-Trimethylbenzene	mg/kg	0.130	0.144	104.	29-144	9.86	30	L598129-09	WG615618
1,3-Dichlorobenzene	mg/kg	0.128	0.139	102.	26-140	8.38	28	L598129-09	WG615618
1,4-Dichlorobenzene	mg/kg	0.124	0.130	99.2	34-132	5.00	26	L598129-09	WG615618
2-Butanone (MEK)	mg/kg	0.512	0.498	82.0	40-149	2.77	27	L598129-09	WG615618
Acetone	mg/kg	0.449	0.469	71.8	10-177	4.39	28	L598129-09	WG615618
Benzene	mg/kg	0.145	0.151	116.	44-131	4.45	21	L598129-09	WG615618
Carbon tetrachloride	mg/kg	0.149	0.157	119.	36-140	5.24	26	L598129-09	WG615618
Chlorobenzene	mg/kg	0.133	0.143	106.	42-133	7.53	24	L598129-09	WG615618
Chloroform	mg/kg	0.137	0.145	110.	52-130	5.51	21	L598129-09	WG615618
Chloromethane	mg/kg	0.149	0.164	119.	28-147	9.74	23	L598129-09	WG615618

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October 10, 2012

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
cis-1,2-Dichloroethene	mg/kg	0.141	0.148	113.	52-128	5.19	21	L598129-09	WG615618
Ethylbenzene	mg/kg	0.136	0.150	109.	38-139	9.61	27	L598129-09	WG615618
Methyl tert-butyl ether	mg/kg	0.130	0.132	104.	45-134	2.00	22	L598129-09	WG615618
Methylene Chloride	mg/kg	0.134	0.140	107.	41-133	4.21	28	L598129-09	WG615618
n-Butylbenzene	mg/kg	0.125	0.136	100.	19-149	8.80	32	L598129-09	WG615618
n-Propylbenzene	mg/kg	0.133	0.148	107.	27-142	10.5	29	L598129-09	WG615618
sec-Butylbenzene	mg/kg	0.128	0.146	103.	25-148	13.1	31	L598129-09	WG615618
tert-Butylbenzene	mg/kg	0.133	0.150	106.	32-146	12.0	30	L598129-09	WG615618
Tetrachloroethene	mg/kg	0.143	0.160	114.	35-139	11.7	27	L598129-09	WG615618
Toluene	mg/kg	0.132	0.147	106.	43-127	10.8	21	L598129-09	WG615618
trans-1,2-Dichloroethene	mg/kg	0.143	0.155	114.	41-132	8.07	23	L598129-09	WG615618
Trichloroethene	mg/kg	0.148	0.160	118.	42-136	7.72	23	L598129-09	WG615618
Vinyl chloride	mg/kg	0.163	0.176	130.	30-157	7.72	24	L598129-09	WG615618
Xylenes, Total	mg/kg	0.404	0.442	108.	38-137	8.90	26	L598129-09	WG615618
4-Bromofluorobenzene				97.96	67-133				WG615618
Dibromofluoromethane				104.5	72-135				WG615618
Toluene-d8				99.69	90-113				WG615618
a,a,a-Trifluorotoluene				102.2	89-115				WG615618
Mercury	mg/kg	0.228	0.250	91.2	80-120	9.21	20	L598297-07	WG615765
Arsenic	mg/kg	48.8	33.5	90.2	75-125	37.2*	20	L598297-01	WG615837
Beryllium	mg/kg	48.4	33.8	93.9	75-125	35.5*	20	L598297-01	WG615837
Cadmium	mg/kg	47.7	32.4	95.4	75-125	38.2*	20	L598297-01	WG615837
Chromium	mg/kg	52.9	36.9	86.8	75-125	35.6*	20	L598297-01	WG615837
Copper	mg/kg	52.7	36.5	88.0	75-125	36.3*	20	L598297-01	WG615837
Manganese	mg/kg	282.	196.	82.0	75-125	36.0*	20	L598297-01	WG615837
Nickel	mg/kg	43.0	29.8	79.4	75-125	36.3*	20	L598297-01	WG615837
Selenium	mg/kg	44.7	31.3	85.8	75-125	35.3*	20	L598297-01	WG615837
Zinc	mg/kg	72.9	50.5	87.8	75-125	36.3*	20	L598297-01	WG615837
Lead	mg/kg	53.2	47.8	95.2	75-125	10.7	20	L598297-01	WG615837
Silver	mg/kg	46.8	44.0	93.6	75-125	6.17	20	L598297-01	WG615837
Cyanide	mg/kg	3.47	3.62	104.	80-120	4.23	20	L598304-03	WG615897
2,4,5-TP (Silvex)	mg/kg	0.140	0.123	83.7	27-123	12.5	23	L597611-01	WG615479
2,4-Dichlorophenyl Acetic Acid				62.04	37-99				WG615479
Chromium,Hexavalent	mg/kg	0.520	0.480	2.60*	75-125	8.00	20	L597626-06	WG615888
PCB 1016	mg/kg	0.201	0.219	120.	10-165	8.55	33	L597189-04	WG615828
PCB 1260	mg/kg	0.132	0.137	79.2	29-154	3.73	23	L597189-04	WG615828
Decachlorobiphenyl				95.71	18.9-115.8				WG615828
Tetrachloro-m-xylene				86.11	31.8-115.7				WG615828
2-Methylphenol	mg/kg	0.236	0.246	71.0	19-126	4.11	24	L598498-03	WG615832
3&4-Methyl Phenol	mg/kg	0.272	0.287	81.5	18-150	5.67	28	L598498-03	WG615832
Acenaphthene	mg/kg	0.256	0.283	77.0	30-132	9.82	21	L598498-03	WG615832
Acenaphthylene	mg/kg	0.262	0.281	78.6	31-144	6.99	24	L598498-03	WG615832
Anthracene	mg/kg	0.256	0.260	76.8	27-140	1.67	20	L598498-03	WG615832
Benzo(a)anthracene	mg/kg	0.265	0.275	79.7	22-139	3.66	22	L598498-03	WG615832
Benzo(a)pyrene	mg/kg	0.249	0.266	74.8	16-148	6.59	21	L598498-03	WG615832

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Mr. Jon Babcock
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Rochester, NY 14623

Quality Assurance Report
Level II

L598343

October 10, 2012

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Benzo(b)fluoranthene	mg/kg	0.264	0.277	79.2	13-152	4.79	24	L598498-03	WG615832
Benzo(g,h,i)perylene	mg/kg	0.190	0.214	57.2	10-137	11.5	32	L598498-03	WG615832
Benzo(k)fluoranthene	mg/kg	0.251	0.267	75.4	15-152	6.00	22	L598498-03	WG615832
Chrysene	mg/kg	0.280	0.301	84.0	20-139	7.46	23	L598498-03	WG615832
Dibenz(a,h)anthracene	mg/kg	0.213	0.238	63.9	10-137	11.2	29	L598498-03	WG615832
Dibenzofuran	mg/kg	0.259	0.268	77.7	30-131	3.36	20	L598498-03	WG615832
Fluoranthene	mg/kg	0.288	0.313	86.4	24-145	8.35	29	L598498-03	WG615832
Fluorene	mg/kg	0.266	0.276	79.8	30-138	3.76	22	L598498-03	WG615832
Hexachlorobenzene	mg/kg	0.224	0.231	67.2	26-136	3.11	20	L598498-03	WG615832
Indeno(1,2,3-cd)pyrene	mg/kg	0.214	0.235	64.4	10-139	9.29	32	L598498-03	WG615832
Naphthalene	mg/kg	0.360	0.368	80.0	31-124	2.13	25	L598498-03	WG615832
Pentachlorophenol	mg/kg	0.234	0.225	70.3	10-124	4.06	34	L598498-03	WG615832
Phenanthrene	mg/kg	0.291	0.304	87.2	25-139	4.57	25	L598498-03	WG615832
Phenol	mg/kg	0.258	0.548	77.5	22-129	71.9*	25	L598498-03	WG615832
Pyrene	mg/kg	0.267	0.288	80.3	23-145	7.31	30	L598498-03	WG615832
2,4,6-Tribromophenol				84.49	16-136				WG615832
2-Fluorobiphenyl				84.78	37-119				WG615832
2-Fluorophenol				77.02	22-114				WG615832
Nitrobenzene-d5				83.82	20-114				WG615832
Phenol-d5				76.00	26-127				WG615832
p-Terphenyl-d14				69.22	15-174				WG615832
4,4-DDD	mg/kg	0.0648	0.0654	97.1	45-139	1.01	21	L598343-03	WG615828
4,4-DDE	mg/kg	0.0639	0.0639	95.8	47-134	0.0364	21	L598343-03	WG615828
4,4-DDT	mg/kg	0.0598	0.0607	89.7	11-148	1.53	21	L598343-03	WG615828
Aldrin	mg/kg	0.0599	0.0580	89.8	52-117	3.23	21	L598343-03	WG615828
Alpha BHC	mg/kg	0.0585	0.0551	87.7	51-120	6.08	20	L598343-03	WG615828
Beta BHC	mg/kg	0.0621	0.0614	93.2	48-124	1.16	21	L598343-03	WG615828
Delta BHC	mg/kg	0.0617	0.0617	92.4	38-128	0.0779	21	L598343-03	WG615828
Dieldrin	mg/kg	0.0636	0.0636	95.4	48-135	0.0607	20	L598343-03	WG615828
Endosulfan I	mg/kg	0.0634	0.0634	95.1	51-129	0.00555	20	L598343-03	WG615828
Endosulfan II	mg/kg	0.0643	0.0650	96.4	42-142	1.04	21	L598343-03	WG615828
Endosulfan sulfate	mg/kg	0.0606	0.0617	90.9	38-140	1.70	22	L598343-03	WG615828
Endrin	mg/kg	0.0563	0.0578	84.4	44-133	2.62	20	L598343-03	WG615828
Gamma BHC	mg/kg	0.0596	0.0576	89.3	52-119	3.32	20	L598343-03	WG615828
Heptachlor	mg/kg	0.0598	0.0577	89.6	47-121	3.50	20	L598343-03	WG615828
Hexachlorobenzene	mg/kg	0.0543	0.0508	81.4	58-115	6.54	20	L598343-03	WG615828
Decachlorobiphenyl				94.07	18.9-115.8				WG615828
Tetrachloro-m-xylene				90.80	31.8-115.7				WG615828

Batch number /Run number / Sample number cross reference

WG615618: R2371934: L598343-01 02 03
WG615765: R2374296: L598343-03
WG615712: R2374536: L598343-03
WG615837: R2375196: L598343-03
WG615813: R2375233: L598343-01 02 03
WG615897: R2376195: L598343-03
WG615479: R2376293: L598343-03
WG615888: R2376553: L598343-03
WG615828: R2376674: L598343-03
WG616361: R2377215: L598343-03
WG615832: R2379680: L598343-03

* * 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.'

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Quality Assurance Report
Level II

L598343

October 10, 2012

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.

E-0033

J031

Chain of Custody Page 1 of 1

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Company Name/Address: HALEY & ALDRICH, 200 TOWN CENTRE DR, ROCHESTER, NY 14623

Billing Information: ACCOUNTS PAYABLE, 70 BLANCHARD RD, SUITE 430, BURLINGTON, MA 01803-5100

Report to: J. BABCOCK, M. KOZLOWSKI

Email to: jbabcock@haleyaldrich.com, mkozlowski@haleyaldrich.com

Project Description: T106A

City/State Collected:

Phone: 585-362-6666

FAX:

Client Project #: 33123-021

ESC Key: HALALDR NY-T106A

Collected by: (print) D. NOSTRANT

Site/Facility ID#:

P.O.#:

Collected by (signature):

Immediately Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day..... 200%
____ Next Day..... 100%
____ Two Day..... 50%
____ Three Day..... 25%

Date Results Needed: 5 DAY TAT

Email? __No X Yes

FAX? X No __Yes

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Part 375 VOC's	Part 375 SVOC's	Part 375 Metals + Total Chrome + Cyanide	Part 375 PCB's	Part 375 Pesticides	Part 375 Herbicides			Remarks/Contaminant	Sample # (lab only)
4552-092712-1100	G	SS	0-4	9/27/12	1100	1	X								GANG MILLS SR. BARRICUN	L598343-01
4552-092712-1115	G	SS	4-8	9/27/12	1115	1	X								↓	02
4552-092712-1130	C	SS	0-8	9/27/12	1130	1		X	X	X	X	X			↓	03

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

pH ____ Temp ____

Remarks: H&A STANDARD DELIVERIES

Flow ____ Other ____

5274 8710 7024

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐	Condition: JF (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.9 / Bottles Received: 3	CoC Seals Intact ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/29/12 / Time: 0945	pH Checked: / NCF: YES

ESC
L·A·B S·C·I·E·N·C·E·S

NON-CONFORMANCE FORM

Login No.: L598343

Date: 09-25-12

Evaluated by: J Fuller

Client: HALALDRNY

Non-Conformance (check applicable items)

- ☐ Parameter(s) past holding time
- ☐ Improper temperature
- ☐ Improper container type
- ☐ Improper preservation
- ☐ Container lid not intact
- ☑ Login Clarification Needed
- ☐ Chain of custody is incomplete
- ☐ Chain of Custody is missing (see below)
- ☐ Broken container(s) (See below)
- ☐ Broken container: sufficient sample volume remains for analysis requested (See below)

If no COC: Received by_____
Date:_____ Time:_____
Temp:____ Cont. Rec_____ pH:_____
:: Fedex :: UPS ::SWA :: Other_____
Tracking #_____

- :: Insufficient packing material around container
- :: Insufficient packing material inside cooler
- :: Improper handling by carrier (FedEx / UPS / Courier
- :: Sample was frozen

Comments: Clarify analysis.

Login Instructions: **TSR Initials:** LN

Client informed by call / email / fax / voice mail date: 10/1/12 time: _____
Client contact: _____

V8260 APP, SV8270
~~V8260 TAGM, SV8270 TAGM~~, SV8081/8082, SV8151
CN, Cr6, SSCr3, TS
Metals: Ag, As, Be, Cd, Cr, Cu, Hg, Mn, Ni, Pb, Se, Zn

Data Usability Summary Report (DUSR)
Tioga
Analytical Laboratory: Environmental Science Corp. - Mt. Juliet, TN
Sample Delivery Group # L598343

Analytical results for the project samples were reviewed to evaluate the data usability. Data was assessed in accordance with guidance from the following Federal and/or State guidance documents:

- USEPA National Functional Guidelines for Inorganic Data Review (EPA 540-R-04-004)
- USEPA National Functional Guidelines for Organic Data Review (EPA 540-R-08-01) and/or
  USEPA National Functional Guidelines for Low Concentration Organic Data Review (EPA 540-R-00-006)

and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996, or Standard Methods for the Examination of Water and Wastewater, Eds 18-20.

This DUSR pertains to the following samples:

Sample ID
4552-092712-1100
4552-092712-1115
4552-092712-1130

Project Samples were analyzed according to the following analytical methods:

	Parameter	Analytical Method	Holding Time Criteria
1.	Solids, Total	SM2540G	7 days
2.	VOCs	EPA 8260B	14 days
3.	Cyanide, Total	EPA 9012B	14 days
4.	Chromium VI (Hexavalent Chromium)	EPA 7196A/3060A	30 days
5.	pH	EPA 9045B	ASAP (24 hours)
6.	ICP Metals	EPA 6010B	180 days
7.	Mercury	EPA 7471A	28 days
8.	Pesticides, Organochlorine	EPA 8081A	14 days ext/40 days analysis
9.	PCBs	EPA 8082	14 days ext/40 days analysis
10.	Herbicides, Chlorinated	EPA 8151A	14 days ext/40 days analysis
11.	SVOCs (BNAs)	EPA 8270C	14 days ext/40 days analysis

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- Holding Times
- Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- Duplicate Sample Analysis
- Sample Data Reporting Format
- Data Qualifiers
- Summary

Preservation and Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group. No qualification of the data is recommended.

Blank Sample Analysis

In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target analytes were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples. No qualification of the data is recommended.

Duplicate Sample Analysis

The replicate percent difference (RPD) was evaluated for each duplicate sample pair to monitor the reproducibility of the data. The RPD for each sample pair was within the QA/QC limit of 30% for aqueous samples and 50% for solid matrices, for those target analytes with sample concentrations >5X the MDL. No qualification of the data is recommended.

Sample Data Reporting Format

The sample data are presented using USEPA Contract Laboratory Protocol (CLP) format or equivalent. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No qualification of the data is recommended.

Data Qualifiers

Samples that contain results between the MDL and RL were flagged as estimated, "J", by the laboratory. The data user should be aware that there is a possibility of false positive or mis-identification at the quantitation levels. The laboratory also qualified results when target analytes were detected in the associated method/preparation blank sample. Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of the data is 100%, with the few exceptions noted above.

System Monitoring Compound Recoveries

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. No qualification of the data is recommended.

Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria, with the following exception(s):

LCS ID / Project Sample MS	Type	Target Analyte(s)	%R Criteria	%R	%RPD	Affected Sample(s)
4552-092712-1130	MS	Phenol	22 - 129	165		4552-092712-1130

Action:

If the LCS %R is greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the LCS %R is less than the lower acceptance limit associated target analyte positive results are qualified "J" and non-detects are qualified "R". If the MS/MSD is from a project sample and the %R greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the MS/MSD %R is >10%, but less than the lower acceptance limit, associated analyte positive results are qualified "J" and non-detects are qualified "UJ". If the MS/MSD %R is less than 10% associated target analyte positive results are qualified "J" and non-detects are qualified "R". MS/MSD qualifiers are only applied to affected samples of the same matrix. If the MS/MSD is a LAB sample do not qualify project samples.

LCS ID / Project Sample MS	Type	Target Analyte(s)	%R	Affected Sample(s)	Positive Results	Non Detect (ND)
4552-092712-1130	MS	Arsenic, Total	59.6		J	UJ
		Beryllium, Total	64.7		J	UJ
		Cadmium, Total	64.8		J	UJ
		Chromium, Total	54.8		J	UJ
		Copper, Total	55.6		J	UJ
		Manganese, Total	0		J	R
		Nickel, Total	53		J	UJ
		Selenium, Total	59		J	UJ
		Zinc, Total	43		J	UJ

LCS ID / Project Sample MS	Type	Target Analyte(s)	%R	Affected Sample(s)	Positive Results	Non Detect (ND)
4552-092712-1130	MS	Chromium VI	2.4	4552-092712-1130	J	R