Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Clint Babcock
Director Operations
Direct Dial (972) 687-7506

5005 LBJ Freeway, Suite 1350
Dallas, TX 75244-6119
Facsimile (972) 687-7524

January 18, 2016

Reference No. 085121

Mr. Gregory Sutton
NYSDEC
Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Ms. Krista Anders
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12237

Dear Mr. Sutton and Ms. Anders:

Re: Interim Remedial Measure Project Summary Report
Former Niagara Sanitation Site
NYSDEC Site 932054
7415 Nash Road, Town of Wheatfield, New York

Glenn Springs Holdings, Inc. (GSH) is submitting this Interim Remedial Measure Project Summary Report (Report) outlining the activities completed by GSH at the Niagara Sanitation Company Landfill to fulfill the requirements of the Interim Remedial Measure Work Plan (IRM-WP) (Conestoga-Rovers & Associates [CRA], August 2014) and the Order on Consent and Administrative Settlement (Index No. B9-0859-14-09), effective October 2, 2014.

The objectives of the remedial project were completed to the standards required by the New York State Department of Environmental Conservation (NYSDEC) and, as such, GSH recommends no further action is warranted relative to the waste removal activities summarized in this report. As such, GSH requests that a Certificate of Completion be issued in accordance with Appendix A, Section XIV, (A)(2) of the Order on Consent and Administrative Settlement.

If you have any questions, please feel free to contact me at 972-687-7506 or by email at clint_babcock@oxy.com.

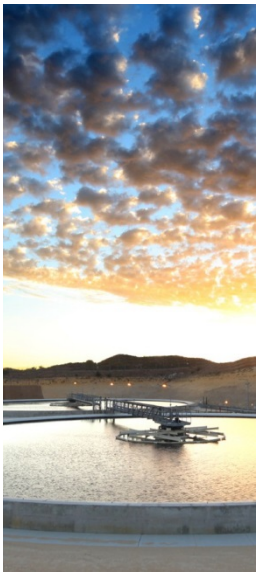
Very truly yours,

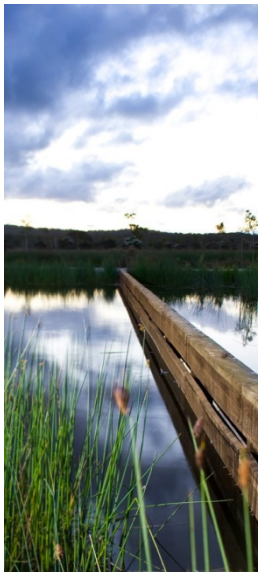
GLENN SPRINGS HOLDINGS, INC.

Clinton J. Babcock
Director Operations

CJB/adh/2
Encl.

cc: J. Branch, GSH
B. McPherson, NYSDEC
S. McEvoy, GHD
R. Cliffe, Town of Wheatfield
D. Hoyt, GHD
M. Forcucci, NYSDOH (email)





Interim Remedial Measure Project Summary Report
NYSDEC Site #932054

Former Niagara Sanitation Site
Wheatfield, New York

Glenn Springs Holdings, Inc.

January 2016

2055 Niagara Falls Boulevard Niagara Falls New York 14304

085121 | Report No 4

Executive Summary

The Niagara Sanitation Company Landfill (also known as the Nash Road Landfill) (Site) is located in the Town of Wheatfield in Niagara County, New York. The Site was (and currently is) owned by the Town of Wheatfield and was operated by the Niagara Sanitation Company between 1964 and 1968 for disposal of municipal and industrial wastes. A review of historical records indicated that the New York State Department of Transportation (NYSDOT) utilized a defined area within the Site for the disposal of approximately 1,600 cubic yards of material excavated from the southern end of the Love Canal landfill. The NYSDOT removed the material during a sewer relocation project along Frontier Avenue in Niagara Falls, New York, as part of the LaSalle Expressway construction in 1968. The NYSDOT utilized the Site for the disposal of the material in spite of Hooker Chemical Corporation offering to take the material to its Hyde Park Landfill facility. The State of New York and Niagara County Department of Health had inspected the Nash Road landfill before using it and determined the Site was acceptable because its soils were impervious, specifically, the area contained landfill quality clay in which the material could be placed. The historical records indicated that the 1,600 cubic yards of excavated materials were placed into a 30-foot wide by 100-foot long by 30-foot deep trench at the northeast end of the Site. The trench was excavated into the underlying clay and then covered with excavated soil. All waste disposal activities at the Site ended in 1968.

Several of the chemicals identified during a 2013 New York State Department of Environmental Conservation (NYSDEC) investigation appeared to be consistent with the chemicals found in the industrial waste present in the Love Canal landfill. The investigations showed that concentrations of these chemicals were significantly reduced or not present except in the immediate vicinity where the waste had been placed.

On October 12, 2014, Glenn Springs Holdings, Inc. (GSH) voluntarily entered into an Order on Consent and Administrative Settlement (Index No. B9-0859-14-09) with the NYSDEC. In accordance with the Order on Consent, GSH prepared an Interim Remedial Measure Work Plan (IRM-WP). The NYSDEC approved the IRM-WP prepared by GHD Services Inc. (GHD) formerly Conestoga-Rovers & Associates (CRA) on behalf of GSH. The IRM-WP outlined a scope of work to excavate the contaminated soil and transport it off Site to be incinerated by a third party.

During the implementation of this IRM-WP, a Site-specific Health and Safety Plan (HASP) and a Quality Assurance Project Plan (QAPP) were developed and implemented to ensure that workers and the public were not exposed to hazards and that the project was carried out in accordance with all applicable local, State, and Federal regulations. The necessary permits required to perform remedial activities included a United States Army Corps of Engineers (USACE) Nationwide Permit - 38 and a NYSDEC Section 401 Individual Water Quality Certification (WQC). A property boundary survey was performed to ensure that work activities did not encroach on adjacent properties. Prior to excavation activities, the acquisition of permits, surveys, and general Site preparation were performed to ensure a safe and compliant work area. Site security was addressed through the installation of a perimeter fence around the work area; locks were utilized on security gates that were installed across an access road to secure the work area when no personnel were on Site; and any Site visitors were required to sign in at the office trailer. Operational controls, such as Community Air Monitoring Program (CAMP) at the perimeters of the work area, were implemented to ensure that ambient air impacts, if any, did not leave the exclusion zone.

In accordance with the IRM-WP, a barrier wall was installed (using sheet piling) around the area to be excavated. This barrier wall was installed into the subsurface clay unit in order to prevent the movement of groundwater into the excavation during the work activities. Four sumps were installed within the sheet-pile perimeter, but outside the excavation area, to facilitate the removal of groundwater from the excavation area and to maintain a water-reduced environment during excavation activities. Maintaining a water-reduced environment was necessary and important for two reasons; 1) to ensure that no free liquid was present during transportation of the waste material and 2) to ensure that the soil material has the proper moisture content necessary for incineration. Excavation began in December 2014. Lime was spread over the ground prior to excavation and also mixed with the excavated soils to control the moisture content of the soil. During 2014, 108.64 tons of materials were removed from the Site for disposal via incineration.

Due to sub-zero temperatures, heavy snowfall, and the need to strictly control the moisture content of the soil, a temporary sprung structure was installed over the excavation area. The installation of the sprung structure was conducted in January 2015. Excavation activities resumed in February 2015 and continued through June 2015. During this time, an additional 6,279.67 tons of material were excavated and transported to disposal facilities off site. Confirmatory sampling was performed throughout the footprint of the excavation to ensure that the NYSDEC Part 375 Commercial soil cleanup criteria as being met. Sample results that returned contaminant levels that exceeded the soil cleanup objectives (SCOs) led to continued excavation in that location until sampling results proved concentrations below the cleanup standard.

The excavated material and personal protection equipment (PPE) used in the excavation area were disposed off site via incineration at three different Clean Harbors Environmental Services, Inc. (CHES) disposal facilities: Kimball, Nebraska, Aragonite, Utah, and Sarnia, Ontario (Canada). All three facilities maintain permits to incinerate and dispose of solid waste.

The wastewater produced by the Site was collected, transported, and pre-treated at GSH's former Durez Corporation North Tonawanda facility (Durez NT). Following pre-treatment, the wastewater was sampled to ensure that it met the discharge values outlined in the NYSDEC Division of Water's authorization letter. If the results from the sampling event did not show all values to be below the required limits, the wastewater was treated again. Following a passing result for the samples, the wastewater was discharged to the Durez NT wastewater treatment system and ultimately discharged to the City of North Tonawanda's storm sewer system under authority of GSH's State Pollutant Discharge Elimination System (SPDES) Permit.

At the completion of the excavation activities, Site restoration activities were completed, which included backfilling, sheet pile removal, and reestablishment of vegetation. In compliance with Appendix A, Subdivision 5.4(e) of DER-10, "Allowable Constituent Levels for Imported Fill or Soil", overburden material was backfilled into the excavation area. Both the backfill and the topsoil were sampled per Appendix A of DER-10 for a variety of parameters to ensure that the fill and topsoil met the NYSDEC standards. Approximately 6,911 tons of material were placed as backfill. The stone that was installed in the work area was removed up to the location of a temporary bridge that spanned a National Fuel Gas Corporation gas line. The remainder of the access road is to be used by the NYSDEC for further investigation activities at the Site. The reestablishment of vegetation included seeding using a seed mix with a ratio of 1:20 perennial ryegrass to retention basin floor mix as well as a hydroseed mixture.

The remaining permits have been closed or transferred to a new permit holder. The NYSDEC maintained an active role throughout the entirety of the project to ensure that work activities were carried out to their standards. The remedial objectives that were established at the beginning of the project have been carried out and completed and, as such, GSH is requesting a No Further Action finding and the issuance of a Certificate of Completion to terminate the Order on Consent and Administrative Settlement (Index No. B9-0859-14-09), effective October 12, 2014 in accordance with Appendix A, Section XIV, (A)(2) of the Order on Consent.

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1. Introduction

This Project Summary Report outlines the activities completed by Glenn Springs Holdings, Inc. (GSH) to fulfill the requirements of the Interim Remedial Measure Work Plan (IRM-WP) (Conestoga-Rovers & Associates [CRA], August 2014) and the Order on Consent and Administrative Settlement (Index No. B9-0859-14-09). GSH elected to excavate defined soils impacted by industrial waste located in the northeast portion of the Niagara Sanitation Company Landfill and send it off site for incineration and disposal.

All of the project work activities described in the Project Summary Report, from the start of work activities to completion, were performed and completed in coordination with and under the direct oversight of both the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH).

1.1 Site Description

The Niagara Sanitation Company Landfill (also known as the Nash Road Landfill) (Site) is located in the Town of Wheatfield in Niagara County, New York. It is situated immediately north of the City of North Tonawanda city limits and east of Nash Road. A Site location map is presented on Figure 1.1. An aerial photograph of the Site and its surrounding area is presented as Figure 1.2.

The Site is a rectangular-shaped property encompassing approximately 20 acres. The Site is wooded with mature trees and heavy brush and contains areas of seasonally influenced ponded water. Access to the Site was not provided by any immediately identifiable means; however, historical access to the Site for disposal activities occurred along a haul road that was constructed from Nash Road, located west of the Site. The Site is bordered to the north by Holy Infant Shrine, to the east by a cemetery and a property that contains a motel and livery service, to the south by utility right-of-ways (overhead electric and underground natural gas and brine pipelines) and residences, and to the west by undeveloped land and Nash Road. Figures 1.2, 1.3, and 1.4 show the preconstruction Site conditions.

1.2 Site History

Niagara Sanitation Company Landfill was operated by the Niagara Sanitation Company between 1964 and 1968 for disposal of municipal and industrial wastes. NYSDEC records show that the Site was used for disposal of industrial and municipal wastes by numerous local industries and municipalities. Based on subsurface investigations completed by the NYSDEC, the Site was assigned placed in the State's Superfund Program and assigned the NYSDEC Site No. 932054.

Historical records indicate that the New York State Department of Transportation (NYSDOT) utilized the Site for the disposal of approximately 1,600 cubic yards of material excavated from the southern end of the Love Canal landfill. The NYSDOT excavated the material during a sewer relocation project along Frontier Avenue in Niagara Falls, New York, as part of the LaSalle Expressway construction in 1968. The NYSDOT utilized the Site for the disposal of the material although Hooker Chemical Corporation recommended that the material be transported to its Hyde Park Landfill. The historical records indicate that the 1,600 cubic yards of excavated materials were purportedly placed into a 30-foot wide by 100-foot long by 30-foot deep trench at the northeast end

of the Site. The trench was excavated into the underlying clay and then covered with excavated soil. All waste disposal activities at the Site ended in 1968.

2. Background

2.1 Historical Site Investigations

The following NYSDEC-administered Site investigations were conducted at the Site:

- A Phase II Investigation conducted by Engineering-Science (ES) and reported on July 1, 1985 (ES, 1985)
- A Supplemental Phase II Investigation conducted by ES and reported in September 1989 (ES, 1989)
- A Supplemental Site Characterization conducted by Groundwater and Environmental Services, Inc. (GES) and reported on November 12, 2013 (GES, 2013)
- A Supplemental Site Characterization conducted by GES and reported on May 2014 (GES, 2014)

The investigations involved a series of data collection events that were conducted to characterize surface water, groundwater, surface soils, sediments, and subsurface soils at the Site. While the 1985 Phase II investigation was conducted across the entire Site, the investigations performed in 1989 and 2013 focused on the northeast portion of the Site where the industrial waste disposed of by the NYSDOT during the Frontier Avenue construction project had purportedly been placed. Locations of soil borings, monitoring wells, and other samples collected during the historical investigations are shown on Figure 1.3. A copy of the Supplemental Site Characterization Report (GES, 2013) is provided on a CD in Appendix B.

The Site investigations indicated the presence of a dark non-aqueous phase liquid (NAPL) as well as contaminated soil and groundwater in the area where the Frontier Avenue construction project wastes were placed. Several of the chemicals identified during the investigations appear to be consistent with chemicals that are present in the industrial waste contained in the Love Canal landfill. All investigation data also indicated that the impacts of the disposal of the waste materials were confined to the area in which the soil had been placed initially. Specifically, the investigations concluded that chemical impacts from the waste had not migrated from the area of disposal.

2.2 Site Geology and Hydrogeology

As described in the Supplemental Site Characterization Report (GES, 2013), the Site geology consists of five lithological units over dolostone bedrock. The units, in order of their depth below grade, consist of:

- Fill
- A shallow upper sand lens
- A clay layer
- A lower sand lens
- Glacial till overlying the bedrock

The Site hydrogeology consists of three water-bearing zones:

- A shallow zone located in the fill and shallow sand lens, likely containing perched groundwater
- An intermediate zone located in the lower sand lens
- A deeper zone located within the glacial till

More detailed descriptions of the hydrogeological conditions identified during the investigations are provided in the GES Supplemental Site Characterization Report provided on a CD in Appendix B.

In general, the investigations concluded that the waste materials was located within the initial 10 to 12 feet of the existing ground surface spread over an area of approximately 85 feet wide by 112 feet long on the top of the clay layer within the shallow water bearing zone.

2.3 Interim Remedial Action Objectives

Previous investigations performed at the Site (described in Section 2.1) indicated that the environmental impacts related to the Frontier Avenue construction project were limited to the general area where the industrial wastes were originally placed. As such, the primary objectives of the NYSDEC-approved IRM-WP were to:

- Remove the materials that the State of New York excavated from the Love Canal Landfill during the LaSalle Expressway construction activities and disposed of at the Site in 1968, thereby preventing potential impacts to human health and the environment from occurring in the future by the removal of this waste from the Site; and
- Remove the waste to the extent that the remaining soil meets the Commercial SCOs as defined in 6NYCRR Part 375-6.8(a).

3. Governing Documents

3.1 Guidance Documents

The guidance documents that apply to the implementation of the IRM-WP include the following:

- Order on Consent and Administrative Settlement (Index No. B9-0859-14-09), effective October 12, 2014
- NYSDEC DER-10 "Technical Guidance for Site Investigation and Remediation" (May 2010)
- 6NYCRR PART 375, Environmental Remediation Programs, Subparts 375-1 to 375-4 and 375-6, effective December 14, 2006
- CP-51: Soil Cleanup Guidance Policy (PDF), effective December 3, 2010

3.2 Interim Remedial Measure Work Plan

The IRM-WP presented the scope of work to remove impacted soil from the Site and restore the disturbed portion of the Site to comparable pre-excavation conditions. The work activities associated with the IRM, at a minimum, included project management, health and safety coordination and monitoring, permitting, contractor procurement and oversight, Site preparation, excavation, dewatering, transportation and disposal of waste and wastewater, backfilling, and Site

restoration. Any modifications or deviations to the approved WP were presented to the NYSDEC for review and approval prior to implementation.

3.3 Site-Specific Health and Safety Plan

A Site-specific Health and Safety Plan (HASP) was developed as part of the IRM-WP to ensure that work activities were performed safely and in accordance with applicable regulatory requirements. The HASP also defined safety procedures to ensure that Site personnel, the general public, and the environment were protected from potential exposure to Site-related materials during the implementation of the IRM. Specifically, the HASP included a Community Air Monitoring Plan (CAMP) prepared in accordance with the NYSDOH generic community air monitoring plan for chemical and particulate monitoring.

GHD Services Inc. (GHD, formerly CRA) personnel working at the Site were required to comply with the requirements of the IRM-WP HASP. Clean Harbors Environmental Services, Inc. (CHES), the chosen remedial contractor, and other subcontractors were required to develop, implement, and maintain their own Site-specific HASP for the activities they performed at the Site. The contractors' HASPs were required to meet, at a minimum, the requirements and components outlined in the IRM-WP HASP.

Sections 4.5.4 and 4.5.5 detail the decontamination area and personnel support and hygiene facilities that were utilized at the Site, in compliance with the HASP.

3.3.1 Community Air Monitoring Plan

A key component of the Site-specific HASP, the CAMP was developed to govern the real-time airborne monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the perimeter of the work area. The CAMP was not intended for use in establishing action levels for worker respiratory protection. Rather, its intent was to monitor continuously for potential airborne impacts, if any, during the work activities and provide action levels for response activities.

The CAMP provided for continuous real-time air monitoring during all ground-intrusive soil handling activities at the Site, including excavation activities, soil loading activities, and backfilling activities. Air monitoring was conducted at three locations: one location upwind of the excavation area and two locations downwind of the excavation area. Wind direction was monitored throughout the workday and the position of the air monitoring equipment adjusted as necessary to reflect changes in wind direction.

3.4 Quality Assurance Project Plan

The Quality Assurance Project Plan (QAPP) was developed as an Appendix to the IRM-WP. The QAPP describes the specific policies, objectives, organization, functional activities, and quality assurance/control activities designed to achieve the project quality objectives associated with soil, sediment, groundwater, and air sampling and analysis. The QAPP integrated all technical and quality control aspects of the project and applicable regulatory documents, all quality assurance (QA), quality control (QC), and technical activities and procedures associated with planning, implementing, and assessing environmental data sampling, analysis, and evaluation.

3.5 Wetlands Delineation and Permit

3.5.1 Wetlands Delineation

Certain areas of the Site are shown on the United States Fish and Wildlife Service (USFWS) National Wetland Inventory Map (NWI Map) as Freshwater Forested/Shrub Wetland (Figure 3.2) habitat. The NWI Maps are not designed for the detailed delineation of existing wetlands or for determining whether they are Federal jurisdictional wetlands. As such, in-field delineation to verify actual conditions is required to delineate the wetland and obtain a Jurisdictional Determination (JD) from the United States Army Corp of Engineers (USACE).

In accordance with Section 3.1 of the IRM-WP and prior to implementation of field activities, the Site was delineated in accordance with USACE 1987 *Wetland Delineation Manual and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: North Central and Northeast Region* (Version 2.0) methods. In accordance with these methods, wetlands were delineated on the Site based on three parameters: the dominance of hydrophytic vegetation, the presence of hydric soil, and the positive evidence of wetland hydrology.

The delineation of the wetlands for the Site was required for the preparation of the USACE Nationwide Permit 38 (NWP-38) and the NYSDEC Section 401 Individual Water Quality Certification (WQC) applications.

3.5.2 Permits

In order to achieve the remedial goals established for the Site, a USACE NWP-38 and a NYSDEC Section 401 Individual WQC were required. The WQC was received and was in effect as of September 19, 2014. The WQC is valid for 5 years and will expire on September 19, 2019. A copy of the letter of approval from the NYSDEC is attached in Appendix F, Section 2. A copy of the approved USACE NP-38 is attached in Appendix F, Section 1. After excavation activities were completed, both the NWP-38 and the WQC were transferred from GSH to the NYSDEC, as discussed in Section 4.15.1.

3.6 Stormwater Construction Permit

The project was subject to the NYSDEC State Pollution Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction GP-0-10-001 (Construction General Permit). This permit was in force during field activities and for several weeks after field activities were complete, until the requirements of the permit had been fully met.

A component of coverage under the Construction General Permit is the preparation of a Construction Stormwater Pollution Prevention Plan (Construction Stormwater Pollution Prevention Program [SWPPP]). A Construction SWPPP (Appendix H, Section 1) was prepared September 2014 and included the Stormwater management practices to be followed during field activities, including practices consistent with the New York State Standards and Specifications for Erosion and Sediment Control.

4. Implementation of the Interim Remedial Measure

4.1 Contractors and Consultants

The project management team consisted of representatives from GSH, GHD, and GHD subcontractors working with the NYSDEC, the Town of Wheatfield, the City of North Tonawanda, and the community to ensure the safe and successful implementation of the IRM.

- GSH Director – Mr. Clint Babcock was responsible for the overall project direction and project coordination with NYSDEC representatives.
- GHD Project Manager – Mr. Dennis Hoyt was the Project Manager responsible for the implementation of all components of the IRM, including health and safety, subcontractor management, and project communication with GSH, Town officials, and Agency representatives.
- GHD On-site Project Coordinator/Manager – Mr. Shaun McEvoy was responsible for ensuring that the Site activities were performed in accordance with the approved work plans, permits, regulations, and project specifications.
- Remedial Contractor – CHES and its subcontractors were responsible for performing the IRM activities as well as the transportation and disposal of waste materials.
- Waste Transportation and Disposal Contractor – CHES and its subcontractors were responsible for the transportation and disposal of the excavated waste and the transportation of wastewater.
- Analytical Laboratory – TestAmerica Laboratories, Inc. (TestAmerica), of Amherst, New York was the NYSDOH-Environmental Laboratory Approval Program (ELAP) certified laboratory responsible for analyzing all environmental samples collected during the IRM.

4.2 Completed Scope of Work

4.2.1 Wetlands Delineation

A wetland delineation was performed by GHD in April 2014. GHD's wetland investigation identified and delineated wetlands within a large portion of the study area. The majority of the Study Area was comprised of wooded, scrub-shrub, and emergent wetlands with small upland areas that had grown voluntarily since the landfill site was abandoned by previous operators and owners in the late 1960s. The project area is located in areas of the landfill that were historically disturbed by former landfill activities within the Site and other past uses. The surface soils within the project area were comprised of fill materials used as cover during past landfill activities.

Wetland and water body boundaries were marked in the field with a numbered surveyor's ribbon and/or stick flags. Figures 3.3A and 3.3B show the wetland delineation survey results. The resulting points from this survey were added to the existing base map of the Site (Figures 1.3 and 1.4). The results of the wetland delineation were summarized separately in The Wetland Delineation Report (CRA, 2014). A copy of the report is on a CD attached in Appendix D.

As a result of the wetland delineation findings, an application to the USACE, Buffalo District, was prepared for a JD to verify the wetland boundaries and to determine if the wetlands are jurisdictional wetlands under Section 404 of the Clean Water Act. The application is attached in Appendix E, Section 5. A copy of the approved JD is attached in Appendix F, Section 1.

A joint application was required to include the following components:

- Nationwide Permit Application Checklist
- Project Location and Description
- Wetland Delineation Report
- Written Statement describing measures to avoid impacts to aquatic resources, avoid/minimize discharge to wetlands or waters of the United States, compensation for impacts to wetlands or waters of the United States (if required), and compliance with applicable nationwide permit general and regional conditions
- Agency coordination (USFWS, NYSDEC, State Historic Preservation Office [SHPO], etc.)
- Copies of previous Federal or State approvals or permits (if any)
- Copies of Site Plans (existing conditions plan, remediation plans, etc.)
- A request for an Individual Section 401 Individual WQC from the NYSDEC
- Documentation that the project is being conducted under an approved Remedial Action Work Plan (RA WP)
- Mitigation Plan (if required)

Letters to various New York State offices to determine the effect the project may have on their respective jurisdictions are included in Appendix E Sections 1-3. The following letter requests were submitted as follows:

- Request for Location and Identity of Significant Habitats; submitted to NYSDEC, The Division of Fish, Wildlife, and Marine Resources
- Request for Historical Preservation Review; submitted to New York State Office of Parks and Recreation and Historic Preservation, Historical Preservation Field Services Bureau
- Information Request - Threatened and Endangered Species; submitted to the New York Field Office Supervisor, U.S. Fish and Wildlife Service
- Joint Permit Application and Jurisdictional Determination for Former Nash Road Landfill; submitted to NYSDEC, Regional Permit Administrator

On September 2, 2014, GHD received a letter from the NYS Office of Parks and Recreation and Historic Preservation that conveyed the decision that this project would "…have no effect upon cultural resources in or eligible for inclusion in the National Register of Historic Places." A copy of this letter has been included in Appendix E, Section 4.

4.3 Property Boundary Survey

A property boundary survey was performed to locate the Site property boundary, to locate the access roadway and the eastern property line of the landfill to ensure that work activities at the Site would not encroach upon adjacent private properties. The survey was performed by McIntosh & McIntosh, P.C. of Lockport, New York on May 22, 2014. The results of the survey are displayed on Figure 3.4.

4.4 Stormwater Construction Permit

Upon completion of the Construction SWPPP, a Notice of Intent (NOI) to discharge Stormwater was prepared and submitted to the NYSDEC, the Town of Wheatfield, and the Town of Wheatfield engineer (Wendel Companies of Buffalo, New York [Wendel]) for approval. Wendel, as Duly Authorized Representative of the Town of Wheatfield, reviewed and signed the Municipal Separate Storm Sewer Systems (MS4) SWPPP acceptance form. A copy of the letter that Wendel sent to the highway supervisor is included in Appendix H, Section 2. The permit became effective October 14, 2015, and a copy of the MS4 Acceptance Form is included in Appendix H, Section 3.

Based on a review of Site conditions, and as part of the Best Management Practices (BMPs) described in the SWPPP, the GHD-qualified SWPPP inspector instructed CHES to install silt sock material along the east, north, and west perimeters around the excavation area in order to prevent any off-Site sediment transportation. A section of silt fence was installed on the west side of the excavation area as well.

The weekly SWPPP inspections by the GHD-qualified inspector and the monthly inspections by the Town of Wheatfield Highway Department/Stormwater Manager are discussed further in Section 4.8.

4.5 Site Preparation

4.5.1 Utility Locations

Prior to commencing fieldwork, CHES contacted DIGSAFE to have all utilities marked at the property. As results of the utility locate, a natural gas line, brine lines, and overhead power lines were identified and marked on the Site. These utilities are depicted on Figure 3.4.

4.5.2 Grubbing and Clearing

Since the property was abandoned by the owner (Town of Wheatfield) upon completion of the landfill activities in the late 1960s, the entire property (including the project work area) had become overgrown with trees, shrub and brush, and therefore required clearing prior to the start of project related work. As a subcontractor to CHES, DC Family Tree of Lockport, New York was retained to perform the grubbing and clearing of the Work Area. DC Family Tree performed grubbing and clearing activities from October 22, 2014 to November 3, 2014. Grubbing and clearing activities included felling trees, mulching underbrush with a forestry mulcher, and grinding stumps to grade. DC Family Tree returned to the Site on November 11 to complete additional clearing of trees. The final footprint of the grubbing and clearing is included on Figure 4.1. Approximately 132,961 square feet were grubbed and cleared for the implementation of the WP. As part of the grubbing and clearing process, significant consideration was given to retaining as much tree and underbrush growth along the southern portion of the property as requested by neighboring residences in order to maintain the green space behind their residences as well as to leave a privacy barrier between the residential neighborhood and the project Site.

4.5.3 Monitoring Well Decommissioning

As outlined in the NYSDEC approved work plan, the groundwater monitoring wells that were located within the operations and excavation areas were removed during excavation or decommissioned in accordance with NYSDEC CP-43/Groundwater Monitoring Well Decommissioning Policy (November 2009).

Table 4.1 provides information regarding the monitoring wells located in the operations area. The locations of the monitoring wells are presented on Figure 3.1. Monitoring wells OW-11, OW-22, OW-23, and OW-25 were removed during the excavation work. Monitoring wells OW-12 and OW-24 were decommissioned prior to excavation. Both wells were over-drilled and then filled with cement/bentonite grout. Monitoring well OW-3, which was located in close proximity to the work activities, was retained on the chance that it could be used in the future.

4.5.4 Work Area Layout

Once the work area had been cleared, the work area around the proposed excavation area was laid out. The work area layout included a perimeter of sheet pile cut-off walls, which are described further in Section 4.9. The sheetpile cut-off walls isolated the excavation area and assisted with the dewatering of the excavation area. All of the excavation activities were conducted within the sheet pile cut-off walls. A site trailer and storage container were staged outside the sheet pile cut-off wall perimeter. All tanks used for groundwater storage were also staged outside the sheet pile cut-off wall perimeter.

The work zone was staged at the end of the access road, which culminated in a traffic loop to allow easy entrance and exiting from the work area. See Section 4.6.3 for a further description of the access road.

During the course of the work activities, a sprung structure made of canvas and a steel frame was added to the work area layout. The sprung structure was installed to isolate the area from winter precipitation (which affected the soil moisture content) and to ensure workers' safety during the winter weather conditions. The sprung structure also included two air handling blowers and associated air ducts, which were staged on the east side of the work zone. The air handling units were installed to provide three volumetric air turnovers per hour inside the sprung structure. This was accomplished by the two large blowers that kept the sprung structure under negative pressure by pulling air from inside the structure to the outside and passing the removed air through activated carbon prior to discharging the air to the atmosphere. The removed air was passed through carbon to clean the air of equipment exhausts and other air impurities. Details of the sprung structure installation and operation are further discussed in Section 4.14.1.

Figure 4.3 presents the work zone layout, including the sheet pile perimeter, sprung structure and blowers, and personnel and storage trailers.

4.5.5 Decontamination Area

A key component of the HASP (described in Section 3.3) was the delineation of the work zones, specifically the Exclusion Zone (EZ), the Contaminant Reduction Zone (CRZ), and the Support Zone (SZ). The EZ was the specific areas where excavation activities were conducted. For this project, the EZ was bounded by the sheet pile cut-off walls as presented on Figure 3.1. The CRZ was the transition area between the EZ and the SZ that established a decontamination area for equipment and personnel and provided a buffer zone around the EZ. The CRZ was primarily demarcated by the footprint of the sprung structure; however, smaller footprints inside the sprung structure were established for personnel and equipment decontamination. The southeast corner of the sheet pile cut-off wall was demarcated with orange snow fencing to allow for personnel and hand tool decontamination. An area approximately 20 feet wide and varying in length emanating from the truck entrance northward towards the excavation served the dual purpose of an EZ/SZ. This area was utilized for the loading of the transport vehicles and inspection and decontamination,

if necessary, of the transport vehicles. The SZ was a clean area outside of the CRZ extending from the exterior of the sprung structure in all directions.

The CRZ was equipped with all personal protective equipment (PPE) and wash station equipment required to satisfy the requirements of the HASP related to personnel decontamination requirements. The decontamination facility contained an area for workers to remove their boot covers, gloves, and Tyvek protective suits. Contaminated PPE was placed in bags and transported for disposal with the excavated material.

4.5.6 Personnel Support and Hygiene Facilities

The following facilities were established on the Site as personnel support and hygiene facilities:

- An office trailer was staged in the southeast corner of the SZ. The office trailer served as an administrative office for managing the project and conducting project meetings with Site personnel as well as Agency and Town officials. The office trailer also served as break/lunch facility.
- Storage container(s) for PPE, project tools, and supplies.
- Separate tanks for wastewater.

4.5.7 Construction Utilities

Construction utilities were provided with the use of portable diesel-fueled generators. Electricity was provided to the Site operations trailer, the sprung structure air change units, and to other temporary or mobile equipment (e.g., portable spraying equipment, emergency lighting). Generators were staged and used within the SZ.

Telephone communication was restricted to the use of mobile phones. Internet service was provided by wireless broadband modems (air cards).

Potable water was provided in portable containers (water bottles for personal consumption, larger containers, and manual dispensing units for personnel washing and decontamination).

4.6 Site Control

4.6.1 Fencing

Fox Fence Inc., of Niagara Falls, New York provided temporary security fencing and installation services for the Site. Fencing was placed around the Site to restrict access to the SZ. Fencing was installed starting at the temporary bridge that crossed over the gas line and extending around the perimeter of the SZ such that it fully encompassed the entire SZ. A temporary gate was installed 105 feet west of the bridge to restrict access during nonworking hours. In addition, temporary fencing was installed at various locations along the north and south sides of the access road where vegetation was sparse to deter unauthorized persons from accessing the access road. A temporary gate was also installed 210 feet east of Nash Road on the Site access road to restrict vehicular access during nonworking hours. During nonworking hours, both gates were locked with a chain and keyed lock. In addition to the temporary security fencing, "Keep Out" and "Authorized Personnel Only" signs were placed on the fence at a spacing of approximately every 100 feet.

4.6.2 Site Security and Safety

Access to the Site was controlled by the chain link fence and locking gates. The gates were kept locked at all times when the Site was unattended. Areas that were subject to excavation activities were completely contained within a sprung structure that was erected over the excavation area (see Section 4.14.1).

Vehicle access to the Site was limited to authorized vehicles and personnel only. Care was taken to limit the amount of vehicles at the Site, due to limited parking areas. All Site employees and visitors were directed, via signage, to the Site trailer, located in the southeast corner of the work area immediately upon arrival at the Site. All employees and visitors completed a Site orientation and general safety training, which included a review of the Site-specific HASP.

"Tailgate" safety meetings were conducted at the start of each day for all employees and visitors. The tailgate safety meetings included a discussion of the day's activities, plus a review of any pertinent Job Safety Analysis (JSA) forms that detailed the possible hazards of all work activities, as well as the measures to mitigate those hazards. Each employee and visitor signed a Tailgate Safety Meeting Form upon completion of the safety meeting or their safety briefing upon arrival to the Site. The Tailgate Safety Meeting Forms are included in Appendix I.

All employees and visitors to the Site were also informed of the safety policies associated with Stop Work Authority and procedures in the event of an incident or emergency.

4.6.3 Access Road

Prior to the installation of the access road, two 20-foot long, 12-inch diameter sections of corrugated high-density polyethylene (HDPE) pipe were installed in the drainage ditch that runs along the east side of Nash Road to act as a drain culvert. Number 2 run-of-crush (a.k.a. #2ROC or crusher stone or #2 crushed stone) was placed over the culvert to begin the installation of the access road. Installation of the access road began on October 28, 2014. The placement and compaction of the stone for the access road and SZs were completed on November 12, 2014, approximately 2 weeks from its start. The access road had a total linear length of approximately 3,300 feet through the SZ. A total of 150 trucks (3,184.93 tons) of #2 crush stone and 254 trucks (5,261.73 tons) of surge stone were delivered to the Site in order to build the access road and SZ.

Road fabric material was placed on the ground prior to placement of the surge and/or #2ROC stone. The fabric provided support to prevent the stone from being pushed into the underlying soil during compaction as well as a demarcation tool for removal of the stone at the project completion. The surge stone was placed on a fabric material, spread with a bulldozer, and compacted with a roller. The access road was approximately 25 feet wide at the entrance at Nash Road and then tapered to approximately 15 feet wide heading east from Nash Road. Three truck turnarounds were installed along the length of the access road. The first turnaround was installed at approximately 470 feet east of Nash Road. The second turnaround, which was smaller than the first, was installed approximately 915 feet east of Nash Road. The final turnaround was installed approximately 1,425 feet east of Nash Road. The road ranges in depth from nearly 6 feet thick at the entrance to 1 to 2 feet thick from the entrance to the temporary bridge located at the National Fuel gas line. Prior to the temporary bridge that spans the National Fuel gas line, the access road widens to approximately 27 feet wide. Approximately 4,252.98 tons of surge stone were placed from Nash Road to the bridge spanning the natural gas line. The bridge was approximately 2,400 feet east of Nash Road and consisted of two sections, both 32 feet long and 7 feet wide. A National Fuel

representative was on Site to witness the bridge installation. Figure 4.1 displays the final orientation of the access road and SZ.

4.7 Community Air Monitoring Plan

The CAMP provided for continuous real-time air monitoring during all ground-intrusive soil handling activities at the Site, including excavation activities, soil loading activities, and backfilling activities. The air monitoring began on November 14, 2014 and ended on June 11, 2015. Air monitoring was conducted at three locations for particulates: one location upwind of the excavation area and two locations downwind of the excavation area. Air monitoring was conducted at two locations for VOCs: two locations downwind of the excavation area. Wind direction was monitored throughout the workday and the position of the air monitoring equipment adjusted as necessary to reflect changes in wind direction.

Air monitoring was conducted during all ground intrusive activities. If the wind direction changed during the course of the workday, the locations of the upwind and downwind air monitoring stations were moved to reflect the current wind directions. All air monitoring equipment was calibrated daily in accordance with the manufacturer's guidelines.

Particulate/dust concentrations were continuously monitored at each of the three monitoring stations using a TSI 8520 DustTrak unit, which performed real-time monitoring and integrating over 15-minute intervals. Particulate monitoring was conducted to ensure that the average downwind particulate level was less than 150 micrograms per cubic meter (mcg/m^3) greater than the average background (upwind perimeter) over a 15-minute period. If the downwind particulate readings exceeded 150 mcg/m^3 above the upwind level (or visible dust was observed), then procedures were initiated to reduce the airborne particulate concentrations.

VOCs were monitored at the two downwind locations on a continuous basis, using a MiniRAE 3000 photoionization detector (PID) with a 10.6 eV lamp. Upwind concentrations were measured at the start of each workday and periodically thereafter to establish background conditions. Monitoring was conducted to ensure that downwind VOC concentrations did not exceed 5 parts per million (ppm) above background (upwind).

All PIDs and DustTrak units were calibrated on a daily basis. The PIDs were calibrated using 100 ppm isobutylene gas. The DustTrak units were zero-calibrated using a filter. A daily tracking log of the calibrations for the air monitoring equipment is presented in Table 3.1.

All readings were recorded and were available to State (NYSDEC and NYSDOH) personnel for review. Although continuous real-time monitoring occasionally indicated the presence of dust and VOCs during the daily operation activities, none of the results required additional air monitoring or air mitigation procedures to be implemented because none of the 15-minute averages for dust or VOCs exceeded the actions levels of 150 mcg/m^3 or 5 ppm, respectively, during the course of the air monitoring activities. The results of the daily air monitoring activities are presented in Appendix J-1. Summaries of the 15-minute averages, minimum, and maximum dust and VOC air monitoring results are presented on Tables 4.9 and 4.10 respectively.

4.8 SWPPP Inspections

As discussed in Section 3.6, a SWPPP (see Appendix H, Section 1) was prepared for the Site, which included the storm water management practices to be followed during field activities and

practices consistent with the New York State Standards and Specifications for Erosion and Sediment Control. As part of the SWPPP, a qualified SWPPP inspector provided by GHD conducted weekly inspections of the access road and SZ. The weekly inspections began on November 17, 2014 and ended on October 13, 2015. The results of the inspections were documented in a weekly inspection report. None of the weekly inspections indicated any actionable items associated with the stormwater management practices performed at the site with the exception of routine maintenance of silt fencing or silt sock. All of the weekly inspection reports are provided in Appendix H, Section 4.

In addition to the inspections performed by the GHD qualified inspector, the Site was inspected on a monthly basis by the Town of Wheatfield Highway Department/Stormwater Manager. The results of the monthly town inspections are also provided in Appendix H. None of the monthly inspections indicated any actionable items with the stormwater management practices performed at the site aside from the previously mentioned routine maintenance of the silt fencing/socks. Weekly and monthly inspections were concluded on October 13, 2015, and the SWPPP was brought to a close, as described in Section 4.15.2.

4.9 Installation of Sheet Pile Cut-Off Walls

On November 12, 2014, installation of the sheet piling began. Approximately 601 linear feet of sheet piling were installed as follows: 150 linear feet along the west perimeter, 154 linear feet along the east perimeter, 111 linear feet along the south perimeter, and 186 linear feet along the north perimeter. Installation of the sheet pile, cut-off walls was completed on December 2, 2014. The layout of the sheet pile perimeter is included as part of the work area layout presented on Figure 4.3.

The individual sheet piling sections walls were constructed of steel and measured 2.25 feet in width and 23 feet in length. The sheet piling was installed to a depth of approximately 20 feet below ground surface (bgs) into the native clay to slow the influx of groundwater into the excavation area.

4.9.1 North Sheet Pile Wall Extension

While installing the northern sheet pile wall on November 12, 2014, odors from groundwater that had been pushed to the surface during the installation activities were observed. The groundwater had a visible sheen, and PID readings measured from within an inch of the water surface had a maximum reading of 61 ppm. As a result of the odors and PID readings, GSH conducted an abbreviated investigation of the subsurface soil within the proposed excavation area to verify the results of previous NYSDEC investigations (see Section 2.1). The subsurface soil investigation screening was conducted from November 14 through November 19, 2014, using a direct push Geoprobe® rig. A total of ten locations were installed over a 3-day period, both within the proposed sheet pile perimeter and adjacent to the exterior of the proposed sheet pile perimeter. The subsurface soil investigation locations are presented on Figure 4.2. At each location, the soil was screened using a PID with a 10.6 eV lamp. No soil samples were collected for submission to a laboratory for VOC analysis. Stratigraphy logs from each of the ten Geoprobe® locations are presented in Appendix J-2. Boring depths ranged from 20 feet bgs to 35 feet bgs.

PID screening conducted at the historical borehole location NH-1 located within the footprint of the excavation area indicated VOC readings of up to 607 ppm. This result confirmed previous information for that location.

PID screening conducted at the historical borehole location BH-4 along the proposed north sheet pile wall indicated VOC readings of up to 167.2 ppm. None of the other soil borings along the north wall had elevated VOC detections. As a result of the soil screening, a section of the north sheet pile wall was extended approximately 30 feet further to the north so that the impacted area at the location of BH-4 could be excavated. The final surveyed layout of the sheet pile perimeter is presented on Figure 4.3 and shows the north extension of the excavation based on the November 2014 abbreviated subsurface soil investigation activities.

4.10 Dewatering of Excavation

Installation of the dewatering sumps located inside of the sheet piling began on December 3, 2014. The sumps were installed to a depth of approximately 16 feet bgs. A 15-inch diameter, 20-foot long HDPE perforated pipe was installed in each of the sumps and #2 crushed stone was installed around the pipe, with 1 foot of stone at the bottom of the pipe. The sump risers were cut to 1 foot above ground and a pump and hose installed inside each of the sumps. Groundwater was pumped from the sumps into 20,000-gallon fractionation (frac) tanks to be stored until treatment off Site. After the initial week of pumping, Frank's Vacuum Truck Service of Niagara Falls, New York began loading water from the frac tanks for transportation to the pretreatment system at GSH's former Durez Corporation North Tonawanda facility (Durez NT), starting on December 11, 2014. Pumping and shipments of water to Durez NT occurred throughout the length of the project to maintain a depressed groundwater table within the excavation to allow proper moisture control for shipping of excavated materials and ultimately incineration of the waste soil. A total of approximately 1,018,649 gallons of groundwater was pumped from the excavation and transported to the Durez NT facility from December 2014 to June 2015. The NYSDEC-approved treatment process of groundwater from the Nash Road Site is described in Section 4.12.2.

The frac tanks on Site were provided by BakerCorp (Baker). The number of frac tanks on Site varied throughout the project, ranging from as few as two tanks to as many as six, depending on the amount of water being pumped from the excavation. Once the tanks were emptied and it was determined that they were no longer required, the tanks were cleaned by CHES using a high-pressure water spray and a vacuum truck. After the tanks were cleaned, they were removed from the Site.

4.10.1 High Water Volumes

Between December 11, 2014 and March 20, 2015, a total of approximately 43,617 gallons of water was pumped from the excavation into the Site frac tanks and then transported to the Durez NT facility. Between March 20 and April 6, 2015, work at the Site was shut down due to railway transportation issues (specifically a lack of intermodal containers available to be loaded). During the shutdown, a large quantity of water entered the excavation due to snowmelt and thawing of the ground resulting from warmer temperatures. When work resumed on April 6, 2015, the excavation footprint was approximately 95 percent full of water. As a result, as many as six frac tanks were staged at the Site to provide temporary storage of pumped groundwater prior to being transported to Durez NT. The groundwater was the result of snow accumulation and frozen groundwater stored in the soil matrix prior to the installation of the sheet piling and the sprung structure. From April 7 through April 30, 2015, approximately 625,265 gallons of groundwater was pumped from the excavation and transported to the Durez NT facility. The high water volumes in the excavation did not prevent work from resuming on April 6, 2015; however, it did slow productivity until groundwater levels were under control by the end of April.

4.11 Excavation of Wastes

On December 5, 2014, excavation activities began in the north section of the excavation, inside the north sheet pile extension. Lime pellets/dust was mixed with the soil to adjust the moisture content of the soil and then the impacted soils were loaded onto dump trailers and transported to one of three CHES hazardous waste incinerator facilities. Section 4.12.1 further describes the transport of waste to the CHES facilities.

Due to worker safety-related concerns associated with the winter weather conditions and the need to control moisture content of the soil for transport and incineration, excavation activities were suspended December 20, 2014 so that construction of a sprung structure could be completed. The sprung structure ensured safe work conditions during the remaining winter months while also assisting with moisture control related to the excavated material. Excavation activities resumed on February 3, 2015, following the completion of the sprung structure installation over the excavation area (see Section 4.14.1 for further discussion). . Although the materials loaded and shipped from the Site in December were sent to the CHES facility in Sarnia, Ontario, Canada, after the excavation activities resumed, the remaining waste materials were transported to CHES's hazardous waste incinerators in Kimball, Nebraska and Aragonite, Utah. Section 4.12.1 details the transport of waste materials to the CHES facilities.

Figure 4.4 displays the final excavation boundaries within the sheet pile perimeter. Figure 4.4 also shows the approximate depths of the excavation below ground surface. The bottom of the excavation was not surveyed due to the varying depths of the bottom and concerns regarding worker safety (i.e., entry into the excavation posed an unnecessary safety risk since appropriate trenching safety protocols could not be met for entry [e.g., trench box or benching]).

During excavation activities, the excavated material was observed for visual impacts and screened using a PID. In addition to field observations and PID screening, soil samples were collected for pesticides analysis at GHD's Innovative Technology Groups (ITG) laboratory in Niagara Falls, New York. Soil samples were submitted for 12- to 24-hour turnaround. The ITG field screening results, along with the visual observations and in-field PID screening results were used to determine if a section of the excavation was ready for confirmatory sampling. If evidence of visual impacts were still present or persistent PID readings greater than 20 ppm or soil field screening ITG lab results exceeding the Part 375 commercial SCOs for pesticides were observed, then excavation activities continued in that section until all visually impacted soils were removed and PID readings were less than 20 ppm. The 20-ppm PID screening action level was established based on visual observations and the ITG lab results. A total of 6,388.31 tons of impacted soils were excavated and transported for incineration and disposal.

As shown on Figure 4.4, the maximum excavated depth was approximately 30 feet bgs. The southwest section of the excavation was excavated to this depth due to continued evidence of visual impacts in the excavated soils, as well as PID readings that were continuously between 100 and 500 ppm, with the highest readings up to 1,400 ppm.

Figure 4.4 also shows that the excavation in the north extension was excavated to a depth of approximately 10 to 11 feet bgs, with the excavation bottom dropping to approximately 17 to 18 feet bgs just south of the north extension. In the section of the excavation that reached 17 to 18 feet bgs, impacted soils with PID readings up to 2,000 ppm were observed before what was termed as "clean" soil was encountered. The term "clean" soil was used to characterize soil that met the field screening criteria, specifically, no visual signs of impact, PID readings of less than 20 ppm, and ITG

laboratory field screening results less than the Part 375 commercial SCOs. Prior to excavating the area to a depth of approximately 17 to 18 feet bgs, a soil sample from a depth of 13 feet bgs (Sample 008) was collected since there were visual indications that the soil was not impacted. However, the sample results at 13 feet bgs exceeded the Part 375 commercial SCOs and, therefore, excavation activities continued until PID readings and additional visual observations indicated that "clean" soil had been encountered. A second sample (008A) was collected from 17 to 18 feet depth, and laboratory results indicated pesticide concentrations less than the Part 375 commercial SCOs.

Impacted soils were observed throughout the entire north sheet pile extension area, and the excavation activities proceeded to within 1 foot of the sheet pile walls.

Aside from the two deeper sections where excavation was required to approximately 18 feet and 30 feet bgs to meet the Part 375 Commercial soil cleanup criteria, the remainder of the clean-up required excavation to depths ranging from 6 to 15 feet bgs, depending on where visually clean clay was observed and confirmatory samples with acceptable results were collected.

Confirmatory samples with results that were below the Part 375 commercial SCOs were collected along the sidewalls and bottom of the excavation as described in Section 4.11.2.

4.11.1 Confirmatory Sampling

Confirmatory sampling of the sidewalls and base of the excavation was performed by GHD personnel on behalf of GSH. A representative from the NYSDEC was on Site to view the collection of all confirmatory samples. Samples were gathered in accordance with the IRM-WP. The sidewall samples were collected from the bottom of each sidewall at a spacing of approximately every 30 linear feet of sidewall. In addition, one sample was collected from the bottom of the excavation for every 900 square feet of bottom area.

All confirmatory samples were sent to TestAmerica in Amherst, which is a NYSDOH ELAP-certified laboratory. Figure 4.5 shows the locations of each confirmatory sample. Table 4.2 provides the full sample ID, depth at which the sample was collected, and the date that the sample was collected. Twenty-one confirmatory samples were collected during the excavation activities, and the results were compared to the Protection of Public Health – Commercial Cleanup Standards listed in Table 375-6.8 (b) of the NYSDEC Environmental Remediation Policy 6NYCRR Part 375.

The following samples were collected to confirm achievement of the SCOs for commercial use. The analytical data reports provided by TestAmerica are provided in Appendix K, Section 1. Table 4.3 provides the results for each sample compared with the commercial, unrestricted, unrestricted-residential, and restricted-residential SCOs:

- On February 9, 2015, sample SO-85121-020915-SM-001 was collected from the east wall of the north extension at 9 to 10 feet bgs. Sample SO-85121-020915-SM-002 was collected from the north wall of the north extension, approximately 5 feet bgs. The results from both of these samples were below the commercial SCOs.
- On February 11, 2015, sample SO-85121-021115-SM-004 was collected from the west wall of the north extension at 8 feet bgs. Sample SO-85121-021115-SM-003 was collected from the base of the excavation near the north wall, at approximately 7 feet bgs. The results from this sampling event show that both samples were below the commercial SCOs.

- On February 27, 2015, sample SO-85121-022815-SM-005 was collected from the west wall of the north half of the excavation, at 7 feet bgs. Sample SO-85121-022715-SM-006 was collected from the east wall of the north half of the excavation, at 8 to 9 feet bgs. The results from this sampling event were below the commercial SCOs.
- On March 2, 2015, sample SO-85121-030215-SM-007 was collected from the floor of the excavation in the northwest section of the excavation, at 11 to 12 feet bgs. Sample SO-85121-030215-SM-008 was collected from the floor of the excavation in the northeast section of the excavation, at approximately 13 feet bgs. The results from this sampling event showed that Sample 007 was below the commercial SCOs; however, Sample 008 exceeded the commercial SCOs for a variety of parameters. As a result, excavation activities continued at the location of Sample 008.
- On March 12, 2015, sample SO-085121-031215-SM-008B was collected at the northeast section of the excavation (at the same location as Sample 008), at approximately 17 to 18 feet bgs. Sample 008 was collected on March 2, 2015, but exceeded the commercial SCOs. Excavation continued in this location, and the results from this second sampling event for the location of Sample 008A showed that the sample was below the commercial SCOs, and no further excavation was required at this location.
- On May 1, 2015, samples SO-85121-050115-SM-009 and SO-85121-050115-SM-010 were collected from the excavation east sidewall, at approximately 8 to 9 feet bgs. Sample SO-85121-050115-SM-010 was a blind duplicate of sample SO-85121-050115-SM-009. Laboratory results indicated that both samples had results below the commercial soil criteria. Sample SO-85121-050115-SM-011 was also collected on May 1, 2015 from the east half of the excavation floor, at approximately 9 to 10 feet bgs. The results from sample SO-85121-050115-SM-011 were below commercial soil criteria.
- On May 13, 2015, sample SO-85121-051315-SM-013 was collected from the west sidewall of the excavation, at approximately 16 to 17 feet bgs. Sample SO-085121-051315-SM-012 was collected from the floor of the excavation in the west side of the excavation, at approximately 20 to 21 feet bgs. The results from this sampling event show that both samples were below the commercial SCOs.
- On May 29, 2015, two sidewall samples were collected from the excavation; sample SO-85121-052915-SM-015 from the west wall at a depth of approximately 23 to 24 feet bgs; and sample SO-085121-052915-SM-016 from the south wall at a depth of approximately 25 to 26 feet bgs. One excavation floor sample (SO-85121-052915-SM-014) was collected in the southwest section of the excavation at a depth of approximately 25 to 26 feet bgs. The results for both sidewall samples were below commercial SCOs. The sample taken from the floor of the excavation (SO-85121-052915-SM-014) was above commercial SCOs for numerous parameters, and, therefore, excavation activities continued at this location.
- On June 3, sample SO-085121-060315-SM-017 was collected from the excavation floor in the southeast section of the excavation at a depth of approximately 30 feet bgs. The sample results were below the commercial SCOs.
- On June 4, 2015, samples SO-85121-060415-SM-018 and SO-85121-060415-SM-019 were collected from the sidewall of the southeast corner of the excavation at a depth of approximately 26 to 27 feet bgs. Sample SO-85121-060415-SM-019 was a blind duplicate of sample SO-85121-060415-SM-018. Sample SO-85121-060415-SM-014B was also collected at 30 feet bgs from the southwest corner of the excavation floor. Sample

SO-85121-060415-SM-014B was a resample of sample SO-85121-052915-SM-014, which was collected on May 29, 2015 and had results that exceeded the commercial SCOs. Following the failed results for sample SO-85121-052915-SM-014, excavation continued for an additional 5 feet and sample SO-85121-060415-SM-014B was collected when visual and PID observations indicated clean soil to be present. The results for the two sidewall samples and the one floor sample were below the commercial SCOs.

The samples collected on June 4, 2015 were the final confirmatory samples collected. Based on the results, and after consultation with the NYSDEC, NYSDEC agreed that no further excavation was required.

4.12 Waste Transportation and Disposal

4.12.1 Solid Waste

In December 2014, five truckloads (approximately 108.64 tons) of excavated material were transported off Site to a CHES facility in Sarnia, Ontario, Canada. For additional information regarding the Sarnia facility, see Appendix M (Sarnia Fact Sheet). The completed manifests from disposal at this location are included in Appendix O, Section 1. One load was transported by Price Trucking Corporation (EPA ID#NYD046765574, see Appendix N), and the remaining four loads were transported by U.S. Bulk Transport Inc. (EPA ID#PAD987347515, see Appendix N). Below are Site details for the Sarnia, Ontario facility:

- CHES's Lambton (Sarnia) incineration facility utilized a liquid waste injection incineration consisting of a fixed feed unit incinerator, a semi-dry spray absorber, and a four-compartment baghouse.
- Facility Size: 298 acres.
- 4090 Telfer Road RR#1
  Lambton, ON NON1GO
- Approximately 108.64 tons (five truck loads) were shipped to the Sarnia Facility for incineration and disposal.
- The following EPA waste codes were associated with the waste transported and disposed of at this location: D008, D011, D012, D013, D018, D030, D031, and D032.

In order to keep up with the quantity of material being excavated, when excavation activities resumed in February 2015, the remaining excavated waste was transported to CHES's approved disposal facilities in Kimball, Nebraska and Aragonite, Utah for incineration and disposal.

As part of the transportation of the waste to the Kimball and Aragonite facilities, CHES utilized a series of intermodal containers to haul the waste. The intermodal containers were supplied by Environmental Protection & Improvement Company LLC (EPIC) (see Appendix N) and were shipped via rail to the CSX Transflo facility located at 1254 William Street, Buffalo, New York. The intermodal containers were then individually lifted off a railcar and placed onto a haul truck provided by Price Trucking Corporation (EPA ID#NYD046765574 [see Appendix N]). The empty containers were then transported to the Nash Road Site via a NYSDEC-approved haul route, and vapor bin liners were installed in the interior of each container upon arrival at the Site.

Excavated waste was placed into the lined containers while inside the sprung structure, and the liners were then closed around the waste. Prior to loading each container, poly curtains comprised of 10-mil polyethylene sheeting and rigid conduit and extending along the entire length of the container were draped from the interior of the container to the ground to eliminate the potential for impacted soil to make contact with the exterior of the container, the transport truck, or the clean loading pad. After closing the vapor bin liners (while still in the structure), the tops and sides of the containers were visually inspected to ensure no residual soil material was present. Once the container and truck were determined to be free of residual soil material, the truck exited the structure.

After exiting the structure, the containers were tarped and transported to the CSX Transflo facility. The containers were then placed onto railcars for transport by CSX Transportation (EPA ID#FLD006921340 [see Appendix N]) to either the Kimball or Aragonite facilities for disposal through incineration.

Below are the Site Details for the Kimball, Nebraska Facility:

- The Kimball facility utilizes a fluidized bed incinerator and has been approved for delisting of incinerator ash.
- Facility Size: 640 acres.
- Hazardous Waste Incinerator and Storage Facility Modified Permit United States Environmental Protection Agency (USEPA) ID No. NED981723513.
- Five miles south of Kimball on Highway 71
  Kimball, Nebraska 69145
- A total of 2,700.41 tons of waste was shipped to the Kimball facility.
- The following EPA hazardous waste codes were disposed of at this location: D008, D011, D012, D013, D018, D030, D031, and D032.

Below are the Site Details for the Aragonite, Utah Facility:

- The Aragonite facility is located in the Great Salt Lake Desert. The nearest residential neighbor is 45 miles southeast of the facility in Grantsville, Utah.
- Facility Size: 35 acres.
- Hazardous Waste Incinerator and Storage Facility Modified Permit USEPA
  ID No. UTD981552177.
- 11600 North Aptus Road
  Aragonite, Utah 84029
- A total of 3,579.26 tons of waste was shipped to the Aragonite facility.
- The following EPA hazardous waste codes were disposed of at this location: D008, D011, D012, D013, D018, D030, D031, and D032.

For additional information regarding the Kimball and Aragonite facilities, see Appendix M. A total of 308 loads of excavated materials were transported from the Nash Road Site to the three CHES facilities. Five loads (108.64 tons) were sent to the Sarnia incinerator, 174 loads (3,579.26 tons) were sent to the Aragonite incinerator, and 129 loads (2700.41 tons) were sent to the Kimball

incinerator. A tracking log for each of the loads was maintained throughout the excavation activities and is presented in Table 4.4.

4.12.2 Wastewater

Wastewater, consisting primarily of dewatered groundwater and minor amounts of decontamination water, was pumped into frac tanks, transported off the Site by Frank's Vacuum Truck Service of Niagara Falls, New York, and brought to GSH's North Tonawanda Durez facility (Durez NT). Once at Durez NT, the wastewater was transferred from the transport tanker into frac tanks for treatment through a mobile activated carbon system. Wastewater transportation began on December 12, 2014 and continued until June 18, 2015. A total of approximately 1,018,434 gallons of water was transferred from the Nash Road Site to the Durez NT facility. Frank's Vacuum Truck Services transported a total of 215 individual loads of wastewater, with an average of 4,737 gallons of water transported per load. A tracking log for the loads of wastewater was maintained throughout the water handling activities and is presented in Table 4.5.

The wastewater was treated using a temporary mobile activated carbon treatment system. The pretreated wastewaters were then discharged to the Durez NT's Facility treatment system for final treatment prior to discharge to the City of North Tonawanda storm sewer in conformance with the Durez NT's SPDES permit. Treatment and discharge of the Site water through the Durez NT treatment system was approved by the NYSDEC Division of Water in a letter dated December 2, 2014. A copy of the approval letter is presented in Appendix V.

Pretreatment consisted of two or more (dependent upon wastewater accumulation rates) frac tanks for sedimentation/equalization, pre-filtration through sand filters, two 1,000-pound granulated activated carbon (GAC) beds in series, post-treatment filtration through a series of 10-, 5- and 1-micron bag filters, and post-treatment storage of the treated water in frac tanks. The wastewater was batch treated through the system at a flow rate not exceeding 50 gallons per minute (GPM) to ensure adequate contact time. The treated water was stored in a post-treatment frac tank until the water was sampled and analyzed for Site COCs and compared to the treatment discharge criteria defined in the NYSDEC approval letter. As many as 14 frac tanks were utilized at the Durez NT Site for treatment and post-treatment storage of the Nash Road wastewater. The Durez NT pretreatment system was operated by Sevenson Environmental Services, Inc. (Sevenson) of Niagara Falls, New York.

The wastewater treatment system was operated from December 11, 2014 through June 22, 2015. During that period, a total of 74 post-treatment samples were collected and analyzed for pesticides. The list of samples collected during the treatment process is presented in Table 4.6. The analytical results for all the samples are presented in Table 4.7. The laboratory data packages for the 74 samples are presented in Appendix K, Section 2. The results were compared to the parameters and limits listed in the NYSDEC December 2, 2014 approval letter. Of the 74 samples collected, 11 samples had results that exceeded the limits established in the approval letter. For each batch that exceeded the discharge criteria, the batch was retreated through the treatment system and sampled again until the results were less than the discharge criteria. Once the results were less than the discharge criteria, the batch was then discharged to the Durez NT treatment system. Table 4.11 provides a tracking summary of each batch treatment.

A total of approximately 1,221,318 gallons of wastewater was treated through the pretreatment system prior to discharge to the Durez NT Site. This total includes wastewater that was treated

more than once as well as any wastewaters generated through back flushing the system and decontamination of the frac tanks and treatment system.

The GAC, as well as treatment filters and sediments generated from the wastewater treatment system were sent to Advanced Waste Services in Portage, Indiana to be disposed of via incineration. Waste characterization samples were collected on June 23, 2015 and on July 9, 2015. Three samples collected on June 23 were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP semi-volatile organic compounds (SVOCs), total metals, TCLP metals, TCLP pesticides, TCLP herbicides, and general chemistry. One sample collected in July was analyzed for total VOCs, total SVOCs, total pesticides, and total herbicides. The results of the June 23 and July 9 sampling are presented in Table 4.8. The analytical results of the carbon sampling are located in Appendix Q. Based on the laboratory results, the waste materials were managed as nonhazardous waste. The results were submitted to Advanced Waste Services and were used to create a Waste Certification Statement, which is also included in Appendix Q. A total of 30 drums of carbon, a carbon/sand mix, treatment filters, and sediments were transported to the Advanced Waste Services facility on October 12, 2015.

4.13 Site Restoration

Site restoration activities commenced immediately following completion of excavation activities. Restoration activities included the following components:

- Backfill of excavation area with soil material from Lafarge (completed on June 22, 2015)
- Removal of sheet pile cut-off walls (completed on July 15, 2015)
- Removal of personal and vehicle decontamination area materials (completed on June 18, 2015)
- Management and removal of access road (back to the location of the temporary bridge) and grading materials (completed on September 10, 2015)
- Removal of fencing and a portion of the sediment/erosion controls (completed on July 29, 2015)
- Re-establishment of vegetation and removal of final sediment/erosion controls (completed on September 22, 2015)

4.13.1 Backfilling

After the completion of excavation activities, the excavation was backfilled using DER-10 compliant fill. The fill was acquired from Lafarge North America (Lafarge) in Lockport, New York. A letter certifying the backfill material was provided by Lafarge stated, "The overburden material being provided for this project is from a clean, all natural source that is monitored by the New York State Department of Transportation." A copy of the letter is included in Appendix P. The backfill material was overburden soils removed during Lafarge's mining activities for bedrock. Two samples of the backfill material were collected and analyzed to ensure that the material met the standards presented in Appendix A, Subdivision 5.4(e) of DER-10, "Allowable Constituent Levels for Imported Fill or Soil". The analytical results from TestAmerica, Amherst, New York are presented in Appendix P, Section 2. The topsoil placed on top of the backfilled material in the excavation was also sampled to ensure that the material met the standards presented in Appendix A, Subdivision 5.4(e) in DER-10. The analytical results of the sample of topsoil are presented in Appendix P, Section 3. Both sampling events tested for Target Analyte List (TAL) metals, Target Compound List (TCL) VOCs, TCL SVOCs, TCL Polychlorinated Biphenyls, TCL Pesticides, and

Hexavalent Chromium. Backfilling began on May 12, 2015 in the north half of the excavation, where confirmatory sampling indicated compliance with the Part 375 Commercial SCOs. Approximately 1,700 tons of material was backfilled from May 5 to 22, 2015. Backfilling resumed on June 10, 2015 after the completion of the excavation activities. From June 10 to June 22, 2015, approximately 5,200 tons of material was backfilled. A total of 6,911.95 tons of soil were backfilled into the excavation.

Upon completion of the backfilling activities, CHES hand seeded the excavation area using a seed mix with a ratio of 1:20 perennial ryegrass to retention basin floor mix in accordance with the USACE Wetland permit requirements and then covered the seeded area with straw.

4.13.2 Decontamination Area Removal and Decontamination Activities

Decontamination area materials, liners, and PPE were collected in drums and transported off Site for disposal under the same protocols as the GAC discussed in Section 4.12.2, paragraph 6 above. A total of 14 drums of decontamination debris and PPE were generated as part of the decontamination area breakdown and decontamination activities. A sample of sediment from the 14 drums was collected on June 23, 2015 (sample S-85121-062315-JR-004, as presented in Table 4.8). The sample was analyzed for TCLP VOCs, TCLP SVOCs, total metals, TCLP metals, TCLP pesticides, TCLP herbicides, and general chemistry. The analytical results of the drum sampling are presented in Appendix R. The 14 drums generated at the Nash Road Site, as well as the 30 drums containing carbon, filters, and sediments from the temporary wastewater pretreatment system at the Durez NT facility (as described in Section 4.12.2), were shipped to Advanced Waste Services in Portage, Indiana for incineration and disposal. A total of 44 drums was shipped to Advanced Waste Services for disposal on October 12, 2015.

4.13.3 Final Restoration Activities

Sevenson was contracted to conduct the final Site restoration activities. From July 2015 through September 2015, Sevenson removed stone material that was installed around the exterior of the sprung structure and was used for the SZ access road from the temporary bridge eastward and for the SZ adjacent to the sprung structure. The stone was removed to a point approximately 40 feet west of the location of the temporary bridge. The temporary bridge was also removed and transported by Sevenson to the rental facility. The remainder of the access road, a distance of approximately 2,400 feet heading east from Nash Road, remained in place as requested by the Town of Wheatfield and the NYSDEC to be utilized by the Town of Wheatfield and the NYSDEC for future Site activities. The Town of Wheatfield installed a gate consisting of a concrete blocks and a chain across the access road.

Sevenson then reestablished the vegetation in the area outside of the sprung structure and in the SZ and access road up to the former temporary bridge. Sevenson utilized a general purpose perennial seed mix outside the footprint of the excavation area. Sevenson then hydroseeded the remainder of the work area where stone from the access road and SZ had been removed. The restored work area had achieved 80 percent stabilization as of October 13, 2015, allowing for the cessation of SWPPP inspections.

4.14 Deviations from Scope of Work

4.14.1 Sprung Structure Installation

Due to project delays and the onset of winter weather conditions that presented workers with unsafe working conditions and concerns managing moisture content of the excavated soils in an open air environment, the installation of a sprung structure over the excavation area was determined to be necessary. On December 17, DC Family Tree returned to the Site to perform additional grubbing and clearing activities to accommodate the sprung structure.

The sprung structure was rented from All Site Structure Rentals. Materials for the structure, as well as a representative, began arriving on January 5, 2015. The sprung structure used on the Site was constructed of 13 aluminum ribs and cross bracing covered by 12 canvas bays. The sprung structure had dimensions of 131 feet by 197 feet. Figure 4.3 shows the footprint of the sprung structure. Bales of hay were purchased to place at the base of the sprung structure where a small opening was present surrounding the structure. The erection of the structure was completed on February 4, 2015.

Due to the potential for elevated air concentrations of contaminants, as well as exhaust-related air issues from heavy machinery operating within the contained structure, the sprung structure was designed with an ambient air ventilation system that maintained a minimum of three air changes within the structure per hour. The ventilation system consisted of two 20,000-pound carbon vessels that were filled with activated carbon, as well as air blowers and associated ductwork.
Gaines Electrical Inc. (Gaines) of Niagara Falls, New York installed ballasts and wiring for the two air blowers needed for the structure. Gaines also installed 11 overhead lights with bulbs and globes in the ceiling of the sprung structure to ensure proper lighting for safe working conditions.
MJ Mechanical Services Inc. of Tonawanda, New York installed the air-handling ductwork within the sprung structure. The ventilation system was continuously active 24 hours a day, 7 days a week during the entirety of the excavation and backfilling activities (specifically from February 4, 2014 through the end of the backfilling activities on June 17, 2015).

Following the installation of the structure, excavation activities within the structure required an upgrade in PPE. Throughout the Site, a minimum of modified Level D PPE was required, which included a hardhat, safety glasses, safety boots, and a high-visibility vest. Within the sprung structure, while excavation activities were occurring, personnel were required to be in Level C PPE at minimum, which included a poly-coated Tyvek suit and an air-purifying respirator. As concentrations could rise during the excavation process, precautions were taken so that equipment operators and other personnel could don Level B PPE, which included supplied air.

After completion of excavation and backfill activities, the structure was dismantled. All overhead lighting and ventilation ductwork were dismantled and the carbon used for air filtration was disposed of, as discussed in Section 4.14.3. After consulting with an on-site representative from All-Site Structure Rentals, it was determined that the structure components did not require decontamination prior to dismantlement. The structure components were dismantled and shipped back to All-Site Structure Rentals. The sprung structure was completely removed from the Site on July 1, 2015.

4.14.2 Intermodal Inspections

Intermodal container inspections were conducted on each container to ensure that the waste materials were properly loaded into the vapor bin liners inside of each container. Upon arrival to the

Nash Road Site, each container was inspected by GHD and CHES personnel to ensure that the containers were clean and free of debris (both inside and outside of the container). The results of the arrival inspections were documented on an intermodal inspection form. A discrete form was generated for each intermodal container. Once inspected, the container was prepared for loading.

After each container was loaded and removed from the sprung structure, the truck and container were inspected one final time by CHES and GHD personnel to verify that the container was properly prepared for transport. The post-loading inspections were completed immediately upon exiting the structure and were documented on the intermodal inspection form. The intermodal inspection forms for each container are presented in Appendix S. Once inspected and determined to be clean and properly loaded, the container was transported to the CSX Transflo facility for loading onto railcars.

Once loaded onto railcars and prior to the intermodal container leaving the CSX Transflo facility, a GHD representative performed one final inspection of the containers to ensure that they were ready for rail transit.

4.14.3 Other Wastes

As discussed in Section 4.14.1, the ambient air inside the sprung structure was filtered using a system of two 20,000-pound, vapor phase, activated carbon vessels. As part of the dismantling of the structure ventilation system, the carbon in the two vessels was sampled by CHES. The sample was collected on June 4, 2015 and analyzed for VOCs, SVOCs, and pH. The results of the carbon sample are included in Appendix Q. The results of the sampling were used to prepare a Spent Carbon Profile Form for Carbon Activated Corp., located in Blasdell, New York, in order to have the spent carbon profiled for regeneration.

The carbon was removed from the two vessels on June 19, 2015, and placed in 16 individual 1-ton super-sacks. Carbon Activated Corp. transported the super-sacks on June 22, 2015 for regeneration. A Certificate of Regeneration provided by Carbon Activated Corp. is included in Appendix Q.

4.15 Transfer of Permits and SWPPP Closure

Upon completion of excavation, backfilling, and Site restoration activities, GSH began the process of transferring and closing the various permits and procedures that had been in place from the start of the project.

4.15.1 Transfer of Permits

At the request of the NYSDEC, on June 19, 2015 (after the completion of excavation activities), GSH submitted a request to the USACE asking that the existing USACE Nationwide Permit (NWP-38) and the NYSDEC 401 WQC be transferred from GSH to the NYSDEC. The NYSDEC requested that the permit be transferred from GSH so that the NYSDEC could conduct future investigations and/or other remedial activities at other areas within the Site. A NYSDEC Application for Permit Transfer and Application for Transfer of Pending Application was completed and submitted to the USACE and NYSDEC in order to transfer the existing permits. The NYSDEC then submitted the transfer request and a copy of the original NWP-38 permit to the USACE in order to complete the transfer. The transfer of the permit was effective August 3, 2015.

4.15.2 Storm Water Pollution Prevention Plan Closure

As discussed previously, the weekly and monthly storm water inspections at the Site came to a conclusion on October 13, 2015. Both the GHD qualified inspector and the Town of Wheatfield Storm Water Manager agreed that the Site had achieved final stabilization (i.e., suitable vegetation) and that no additional inspections were required. GHD removed any remaining silt fence and silt sock material from the Site on October 15, 2015.

On October 20, 2015, GSH submitted a Notice of Termination for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity (NOT). The NOT was signed by the GHD qualified inspector, the Town of Wheatfield Storm Water Manager, and the GSH Director of Operations. The NOT was submitted to the NYSDEC Division of Water in Albany, New York, which completed the requirements to close out the SWPPP. The NOT is presented in Appendix H.

5. Conclusions

Subsurface investigations conducted by the NYSDEC at the Site indicated a presence of industrial wastes in the area where historical records had indicated that the NYSDOT had previously utilized the Site for the disposal of approximately 1,600 cubic yards of material excavated from the Love Canal landfill. The historical records indicated that the material had been excavated during a sewer relocation project along Frontier Avenue in Niagara Falls, New York, as part of the LaSalle Expressway construction in 1968. The NYSDOT utilized the Site for the disposal of the material although Hooker Chemical Corporation had offered to take the material at its Hyde Park Landfill. The historical records indicated that the 1,600 cubic yards of excavated materials were placed into a 30-foot wide by 100-foot long by 30-foot deep trench at the northeast end of the Site. The trench was excavated into the underlying clay and then covered with excavated soil. All waste disposal activities at the Site ended in 1968. All investigations indicated that soil and groundwater impacts had not migrated from the immediate vicinity where the waste had been historically placed.

In coordination with the NYSDEC and NYSDOH and in accordance with the NYSDEC approved work plan, GSH excavated a total of 6,388.31 tons of soil that was transported and disposed of off-Site via incineration. The material was excavated from December 2014 through June 2015. The excavated material was transported to CHES's disposal facilities in Sarnia, Ontario, Kimball, Nebraska and Aragonite, Utah.

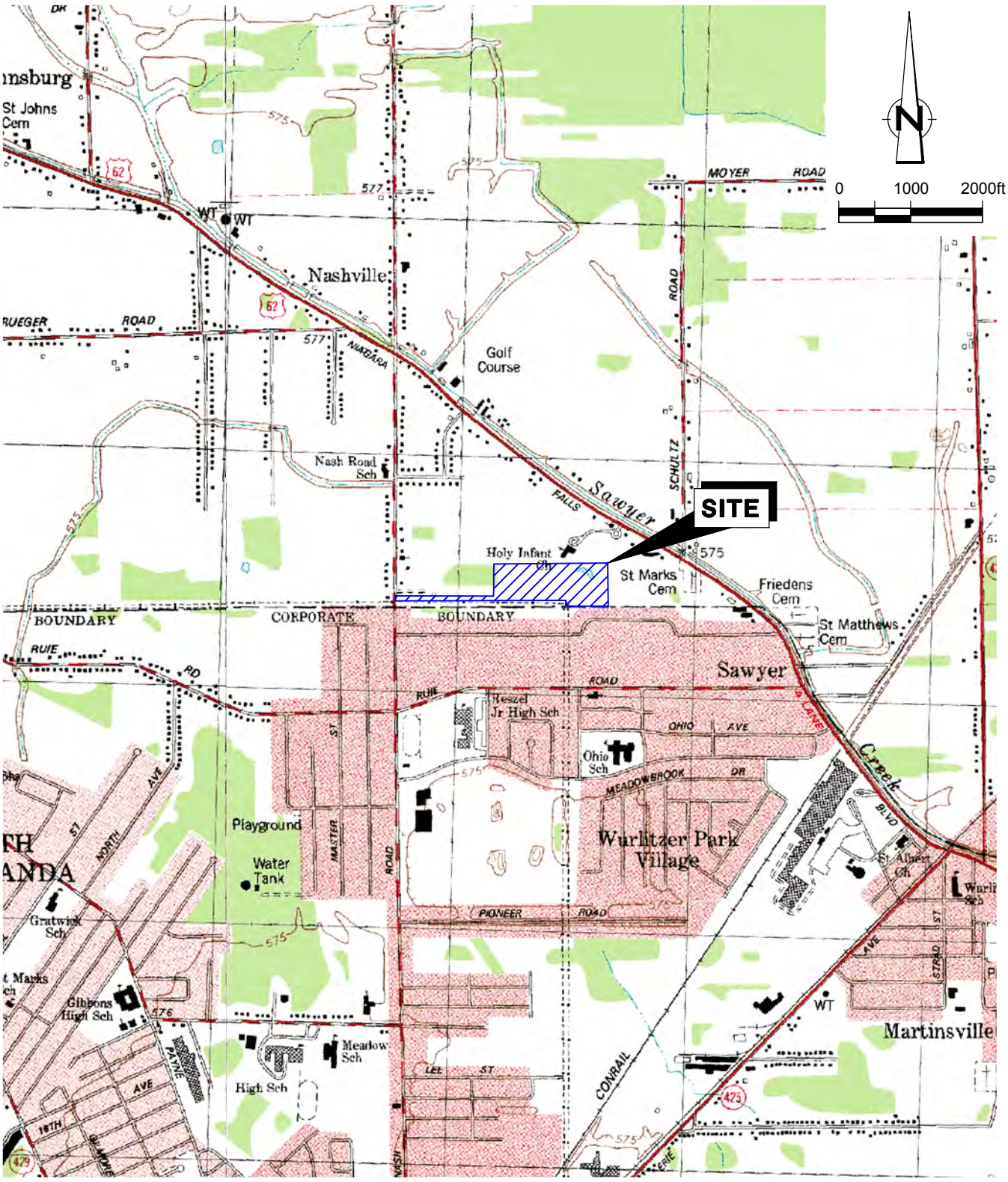
To ensure that impacted soils were satisfactorily removed, confirmatory soil samples were collected and analyzed for total pesticides. The results of the analysis were then compared to the NYSDEC Part 375 Commercial SCOs. If the sample results exceeded the NYSDEC SCOs for commercial use, excavation continued until the samples showed values below the required objectives. The wastewater associated with the Site was stored on Site, prior to being transported to GSH's Durez NT Facility for pre-treatment through a mobile activated carbon treatment system followed by final treatment through the Durez NT activated carbon treatment system. Pretreatment was authorized per the NYSDEC Division of Water's approval and discharge to the Durez NT treatment system was completed once laboratory results of the pre-treated wastewater indicated compliance with the project-specific discharge criteria outlined in the Division of Water's authorization letter. Discharge from the Durez NT treatment system was completed under the Facility's SPDES permit.

The objectives of this remedial project were:

- Remove the materials that the State of New York excavated from the Love Canal Landfill during the LaSalle Expressway construction activities and disposed of at the Site in 1968, thereby preventing potential impacts to human health and the environment from occurring in the future by the removal of this waste from the Site.
- Remove the waste to the extent that the remaining soil meets the Commercial SCOs as defined in 6NYCRR Part 375-6.8(a).

The confirmatory sampling results demonstrate that all of these objectives were completed.

The objectives of the remedial project were completed to the standards required by the NYSDEC and, as such, GSH recommends no further action is warranted relative to the waste removal activities summarized in this report. As such, GSH requests that a Certificate of Completion be issued in accordance with Appendix A, Section XIV, (A)(2) of the Order on Consent and Administrative Settlement (Index No. B9-0859-14-09), effective October 2, 2014.



SOURCE: USGS 7.5 MINUTE SERIES, TOPO QUAD: TONAWANDA WEST, NY 1980
TONAWANDA EAST, NY 1980

figure 1.1

SITE LOCATION MAP
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

PARCEL INFORMATION FROM NYS GIS CLEARINGHOUSE; IMAGERY FROM USGS

PROPOSED WORK AREA

PROPERTY LINE

figure 1.2

AERIAL PHOTOGRAPH OF SITE AND WORK AREA
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

N

0 100 250ft

NIAGARA FALLS BLVD (U.S. ROUTE 62)

NASH ROAD LANDFILL SITE

NASH ROAD

FORBES TERRACE

FORBES ST

G

OE

OE

SW-1 SED-1 SW-6 OW-4 OW-15 SW-5 SW-2 OW-2 OW-1 OW-1B SW-4 SOIL-10 OW-14A OW-14B SB-E SW-3 SOIL-9 OW-11 SB-H SB-D/OW-21 SB-J SB-M SW-7 SB-G OW-13 SOIL-7 SB-B/OW-25 SOIL-11 SOIL-6 OW-12 SB-I SB-F/OW-23 SB-L SB-C/OW-22 SOIL-8 SB-K SOIL-1 SB-A/OW-24 OW-3 SOIL-5 OW-6 OW-16 OW-5 SOIL-4 SOIL-3 SOIL-2

NOTE:

SAMPLE, SOIL BORING, AND MONITORING WELL LOCATIONS TAKEN FROM THE 1985 AND 1989 PHASE II INVESTIGATIONS CONDUCTED BY ENGINEERING SCIENCE ON BEHALF OF NYSDEC AND THE 2013 SUPPLEMENTAL SITE CHARACTERIZATION CONDUCTED BY GES ON BEHALF OF NYSDEC.

PARCEL AND TOWN LINE INFORMATION FROM NYS GIS CLEARINGHOUSE

LEGEND:

- PROPERTY LINES
- G — EXISTING GAS MAIN
- OE — EXISTING OVERHEAD ELECTRIC
- ESTIMATED AREA OF EXCAVATION
- SEASONAL PONDS
- FRESHWATER EMERGENT WETLAND*
- FRESHWATER POND*
- FRESHWATER FORESTED/SHRUB WETLAND*

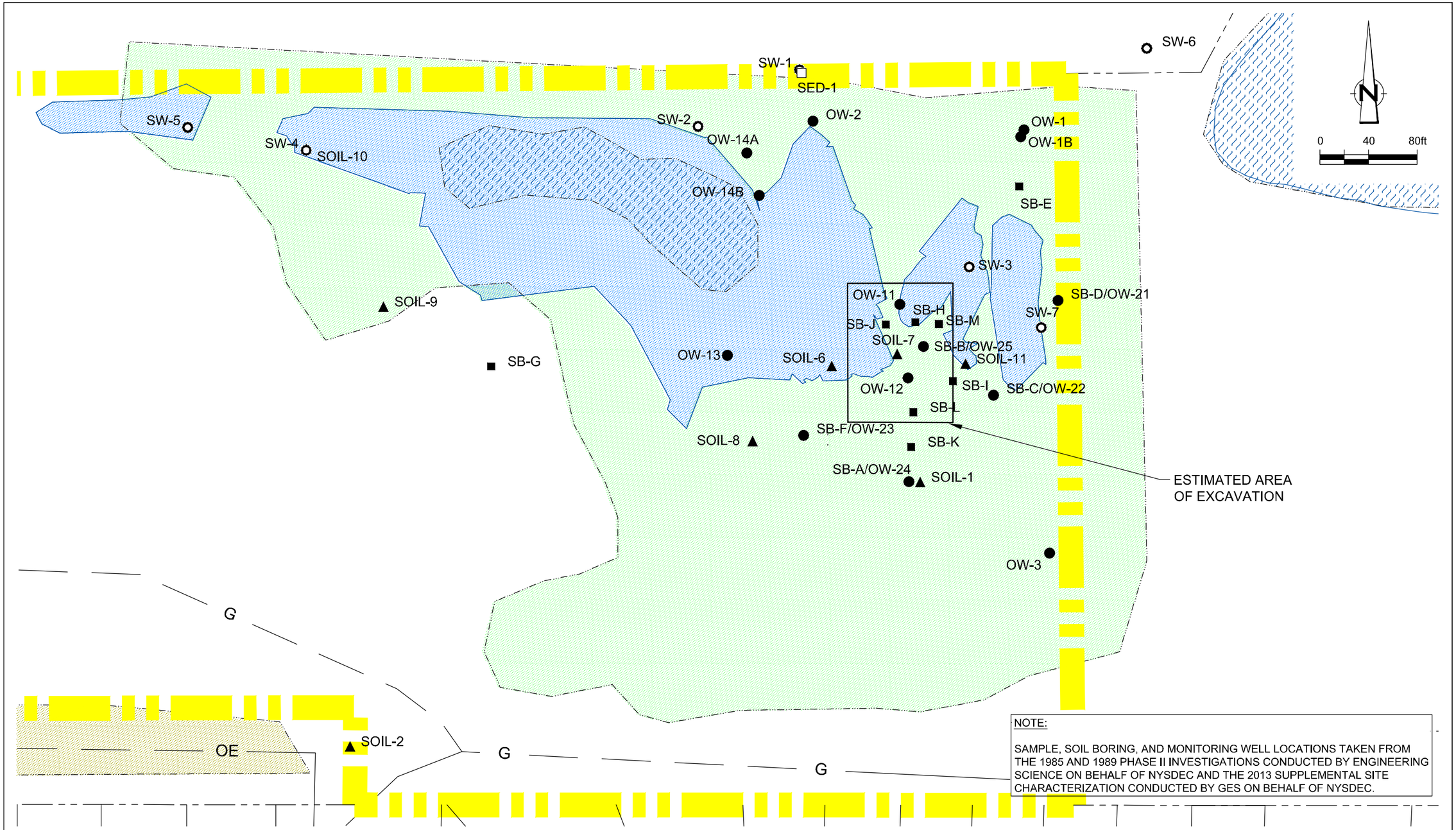
* INFORMATION FROM U. S. FISH AND WILDLIFE SERVICE NATIONAL WETLANDS INVENTORY MAP

- □ SED-1 — SEDIMENT SAMPLE LOCATION
- ✪ SW-2 — SURFACE WATER SAMPLE LOCATION
- ● OW-14B — MONITORING WELL
- ■ SB-E — SOIL BORING LOCATION
- ▲ SOIL-7 — SURFACE SOIL SAMPLE LOCATION

GHD

figure 1.3

PREVIOUS SITE CONDITIONS PRIOR TO IRM ACTIVITIES
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York



NOTE:

SAMPLE, SOIL BORING, AND MONITORING WELL LOCATIONS TAKEN FROM THE 1985 AND 1989 PHASE II INVESTIGATIONS CONDUCTED BY ENGINEERING SCIENCE ON BEHALF OF NYSDEC AND THE 2013 SUPPLEMENTAL SITE CHARACTERIZATION CONDUCTED BY GES ON BEHALF OF NYSDEC.

PARCEL AND TOWN LINE INFORMATION FROM NYS GIS CLEARINGHOUSE

LEGEND:

- PROPERTY LINES
- G — EXISTING GAS MAIN
- OE — EXISTING OVERHEAD ELECTRIC
- ESTIMATED AREA OF EXCAVATION
- SEASONAL PONDS
- FRESHWATER EMERGENT WETLAND*
- FRESHWATER POND*
- FRESHWATER FORESTED/SHRUB WETLAND*

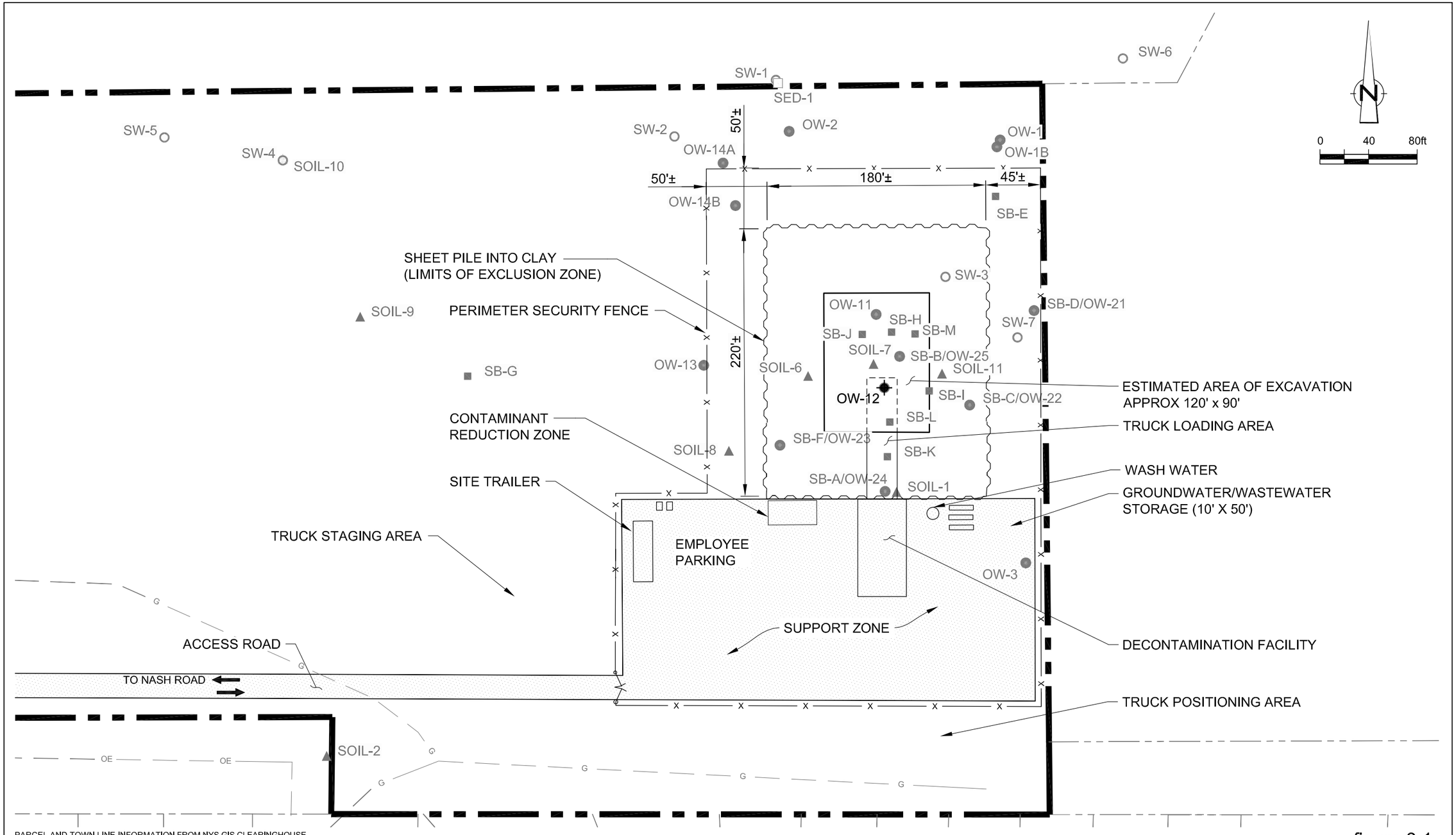
* INFORMATION FROM U. S. FISH AND WILDLIFE SERVICE NATIONAL WETLANDS INVENTORY MAP

- □ SED-1 SEDIMENT SAMPLE LOCATION
- ○ SW-2 SURFACE WATER SAMPLE LOCATION
- ● OW-14B MONITORING WELL
- ■ SB-E SOIL BORING LOCATION
- ▲ SOIL-7 SURFACE SOIL SAMPLE LOCATION

figure 1.4

PREVIOUS CONDITIONS AT WORK AREA PRIOR TO IRM ACTIVITIES
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

85121-00(004)GN-BU003 JAN 11/2016



PARCEL AND TOWN LINE INFORMATION FROM NYS GIS CLEARINGHOUSE

LEGEND

	PROPERTY LINES	□ SED-1	SEDIMENT SAMPLE LOCATION
G	EXISTING GAS MAIN	○ SW-2	SURFACE WATER SAMPLE LOCATION
OE	EXISTING OVERHEAD ELECTRIC	● OW-14B	MONITORING WELL
⊕ OW-12	WELL TO BE DECOMMISSIONED	■ SB-E	SOIL BORING LOCATION
		▲ SOIL-7	SURFACE SOIL SAMPLE LOCATION

figure 3.1

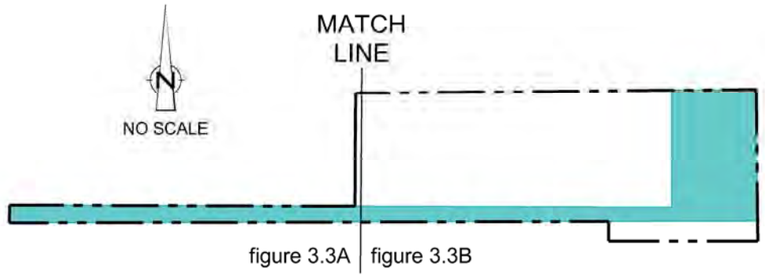
PROPOSED WORK AREA LAYOUT
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

85121-00(004)GN-BU004 NOV 20/2015

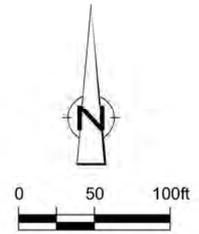
SOURCE: NEW YORK STATE CLEARINGHOUSE, 2011 IMAGE DATASET

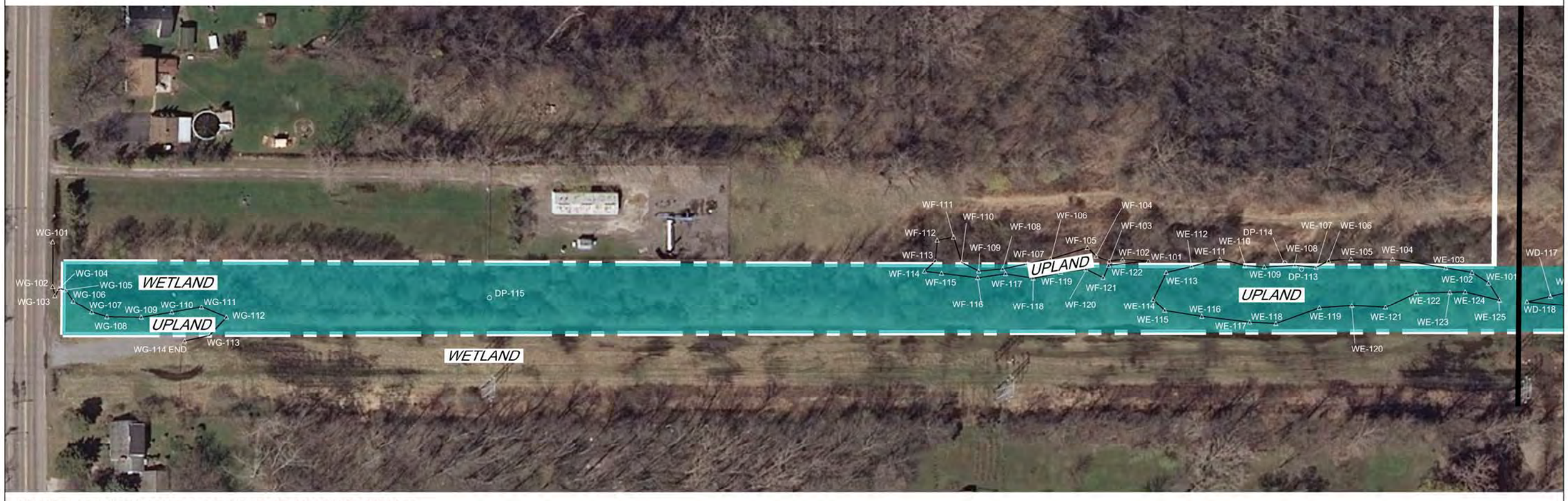
figure 3.2

NATIONAL WETLAND INVENTORY MAP
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York



KEY MAP





SOURCE: NEW YORK STATE CLEARINGHOUSE, 2011 IMAGE DATASET

LEGEND

- SITE PROPERTY LINE
- WETLAND STUDY AREA
- WF-104 △ CRA WETLAND DELINEATION SURVEY POINT
- DP-115 ○ CRA DATAPOINT

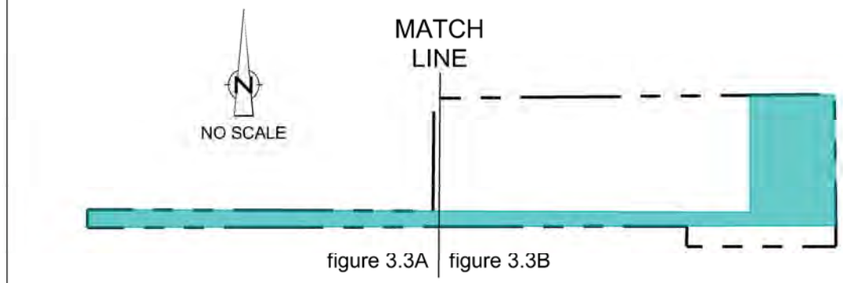
NOTE:

WETLANDS DELINEATED BY CRA ON APRIL 23-24, 2014

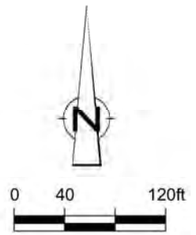
figure 3.3A

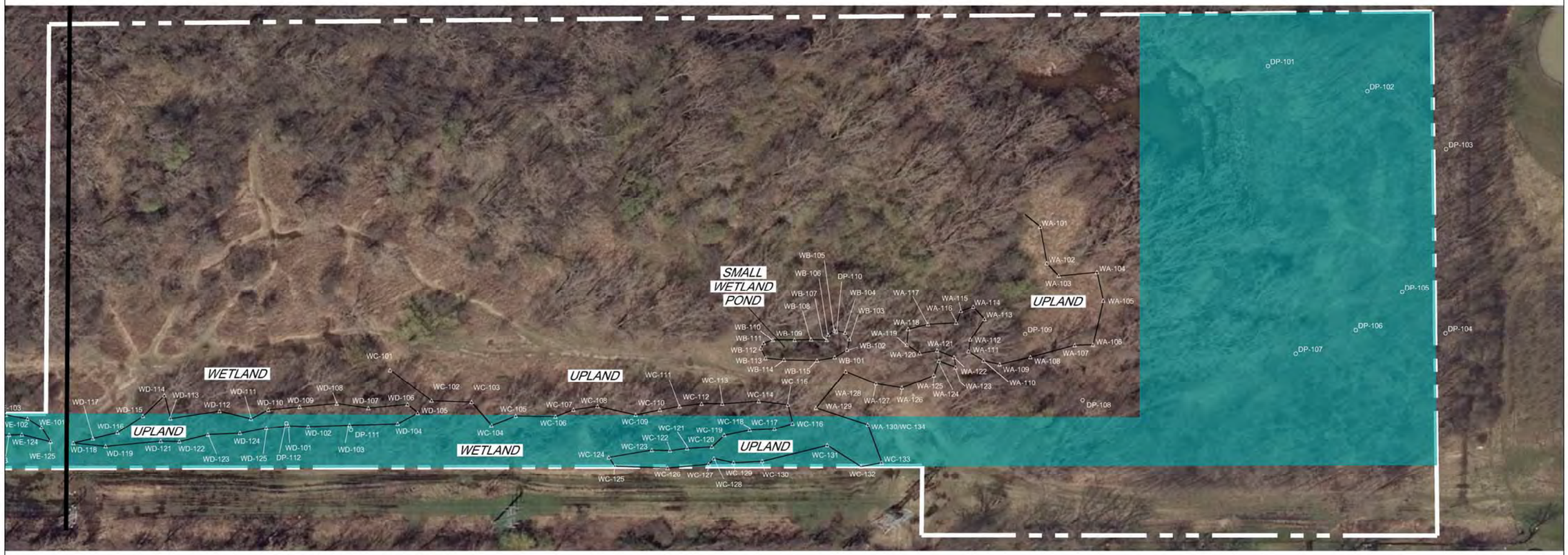
WETLAND DELINEATION PLAN
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

85121-00(004)GN-BU006 NOV 20/2015



KEY MAP





SOURCE: NEW YORK STATE CLEARINGHOUSE, 2011 IMAGE DATASET

LEGEND

- SITE PROPERTY LINE
- WETLAND STUDY AREA
- WF-104 △ CRA WETLAND DELINEATION SURVEY POINT
- DP-115 ○ CRA DATAPOINT

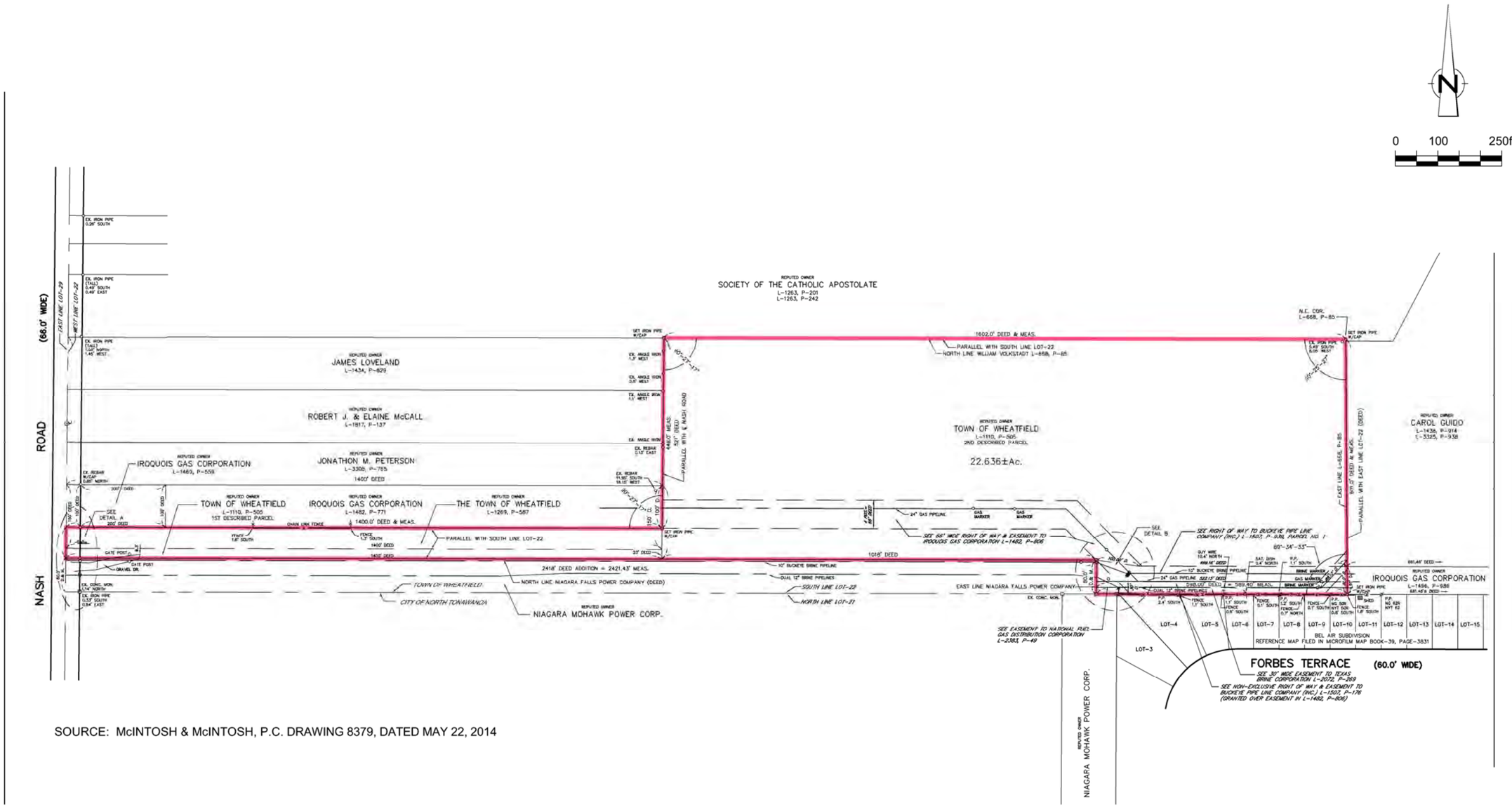
NOTE:

WETLANDS DELINEATED BY CRA ON APRIL 23-24, 2014

figure 3.3B

WETLAND DELINEATION PLAN
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

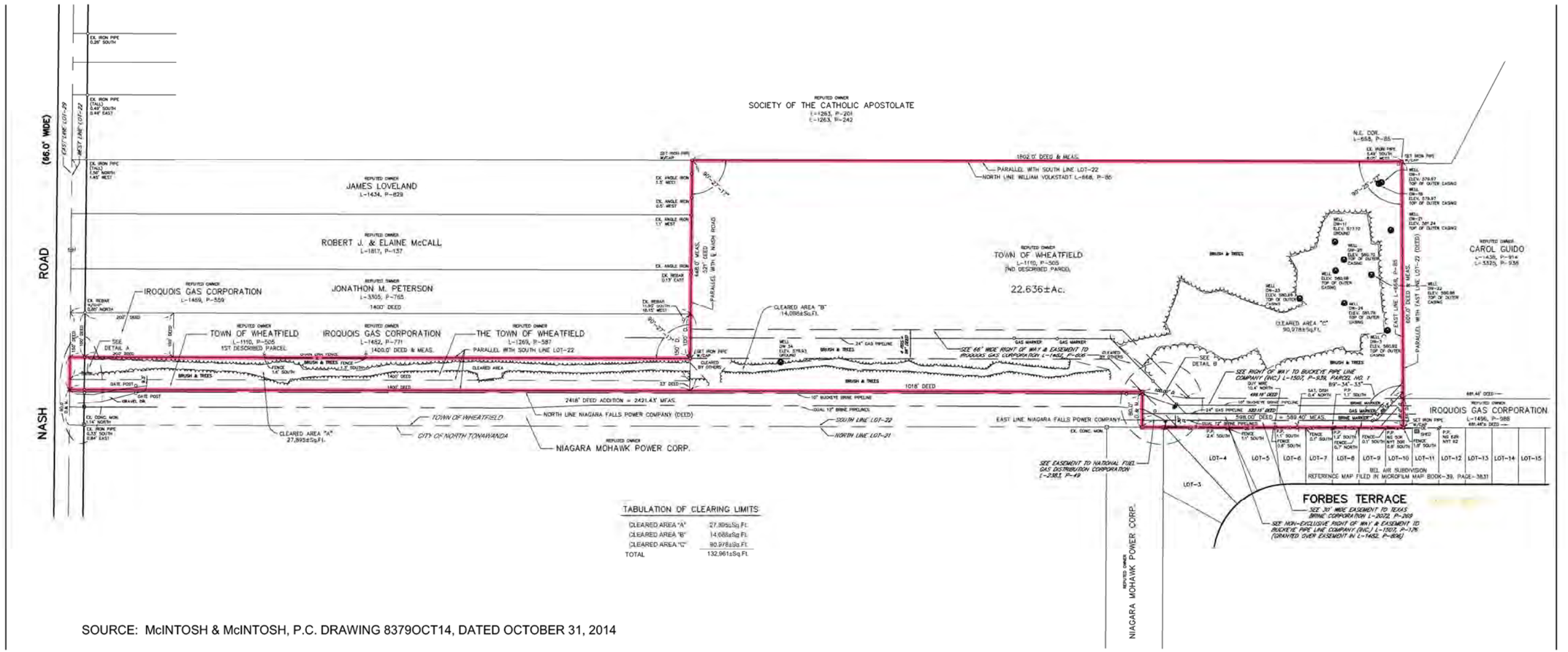
85121-00(004)GN-BU006 NOV 20/2015



SOURCE: McINTOSH & McINTOSH, P.C. DRAWING 8379, DATED MAY 22, 2014

figure 3.4

PROPERTY BOUNDARY SURVEY
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York



SOURCE: McINTOSH & McINTOSH, P.C. DRAWING 8379OCT14, DATED OCTOBER 31, 2014

figure 4.1

FINAL GRABBING AND CLEARING FOOTPRINT
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

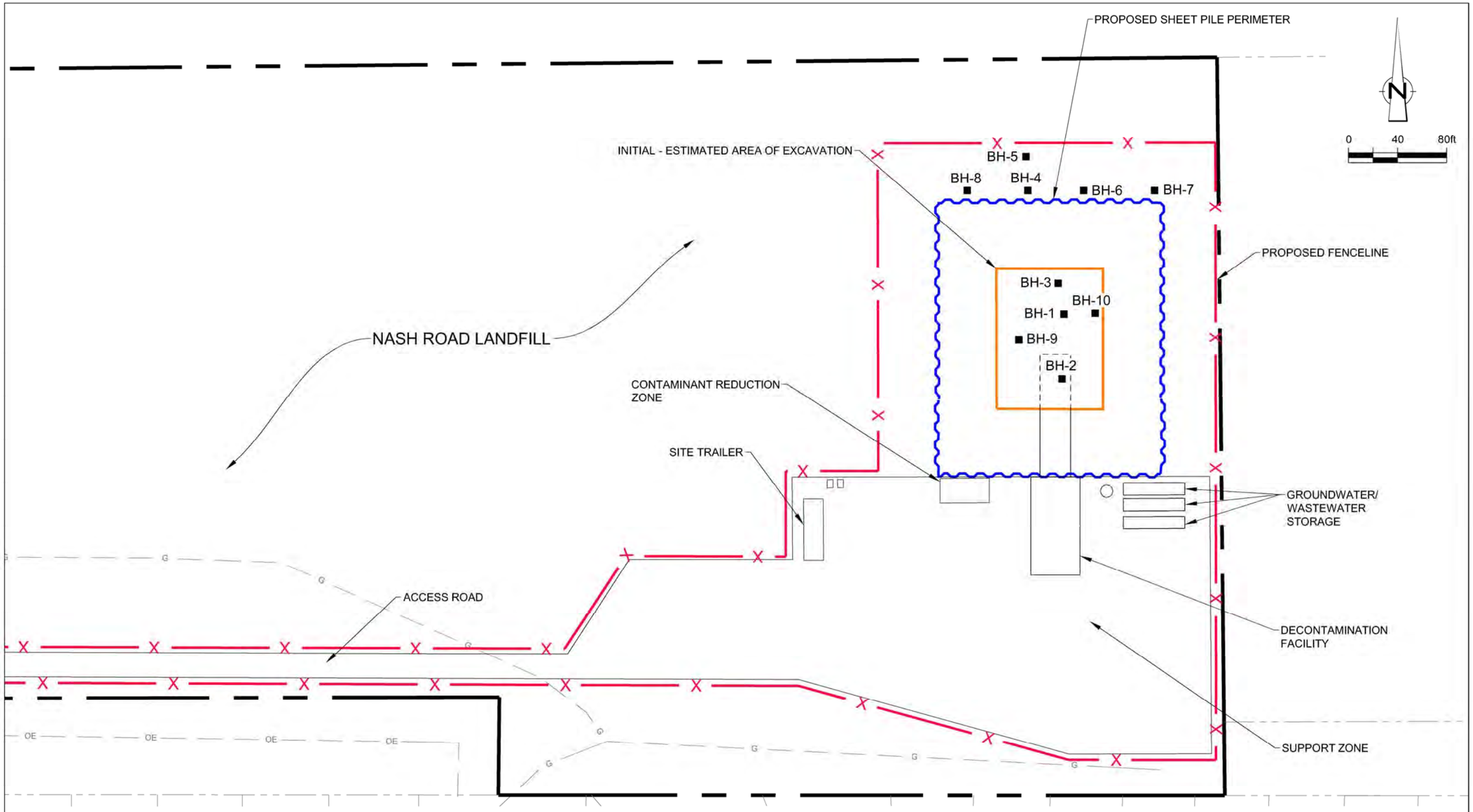


figure 4.2

NOVEMBER 2014 SOIL BORING LOCATION
INTERIM REMEDIAL MEASURE
PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

LEGEND

- PROPERTY LINES
- G — EXISTING GAS MAIN
- OE — EXISTING OVERHEAD ELECTRIC
- PROPOSED FENCELINE
- ACCESS ROAD AND SUPPORT ZONE WITH STONE COVER
- SITE PROPERTY LINE
- GEOPROBE LOCATIONS

GHD

85121-00(004)GN-BU013 NOV 20/2015

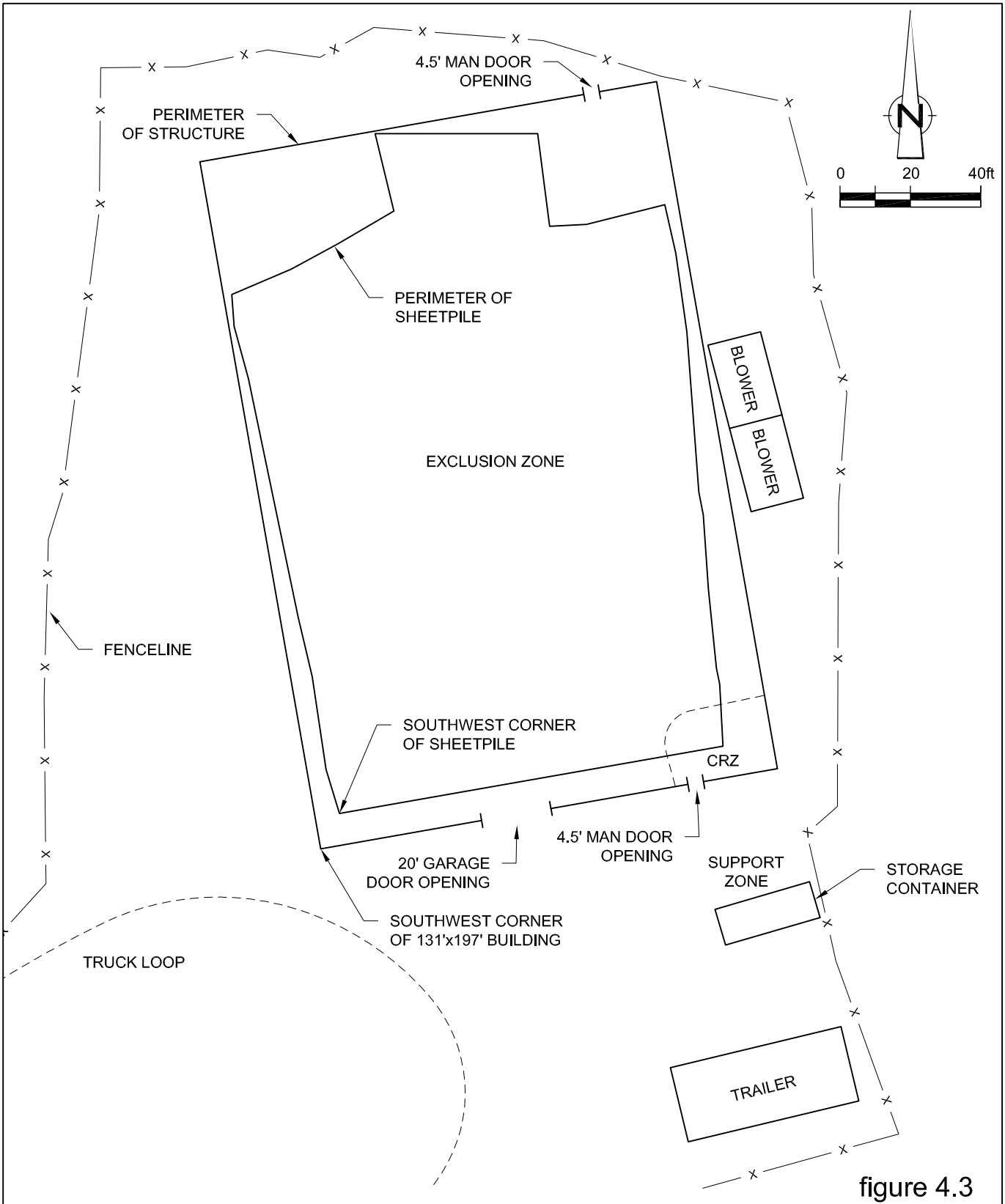


figure 4.3

WORK AREA LAYOUT
INTERIM REMEDIAL MEASURE
PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

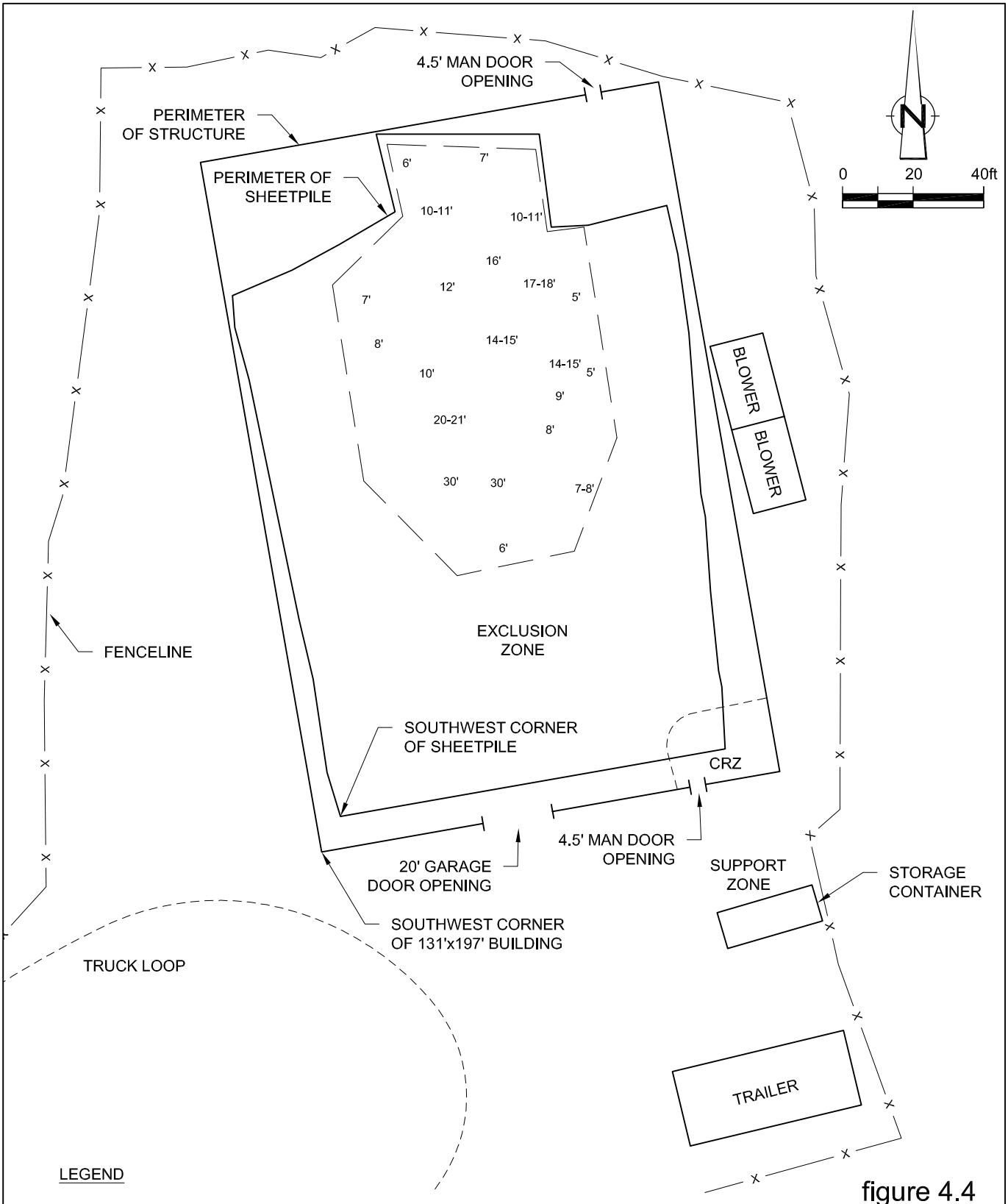


figure 4.4

ESTIMATED FINAL DEPTHS OF EXCAVATION
INTERIM REMEDIAL MEASURE
PROJECT SUMMARY REPORT
NASH ROAD LANDFILL

Wheatfield, New York

85121-00(004)GN-BU011 NOV 20/2015

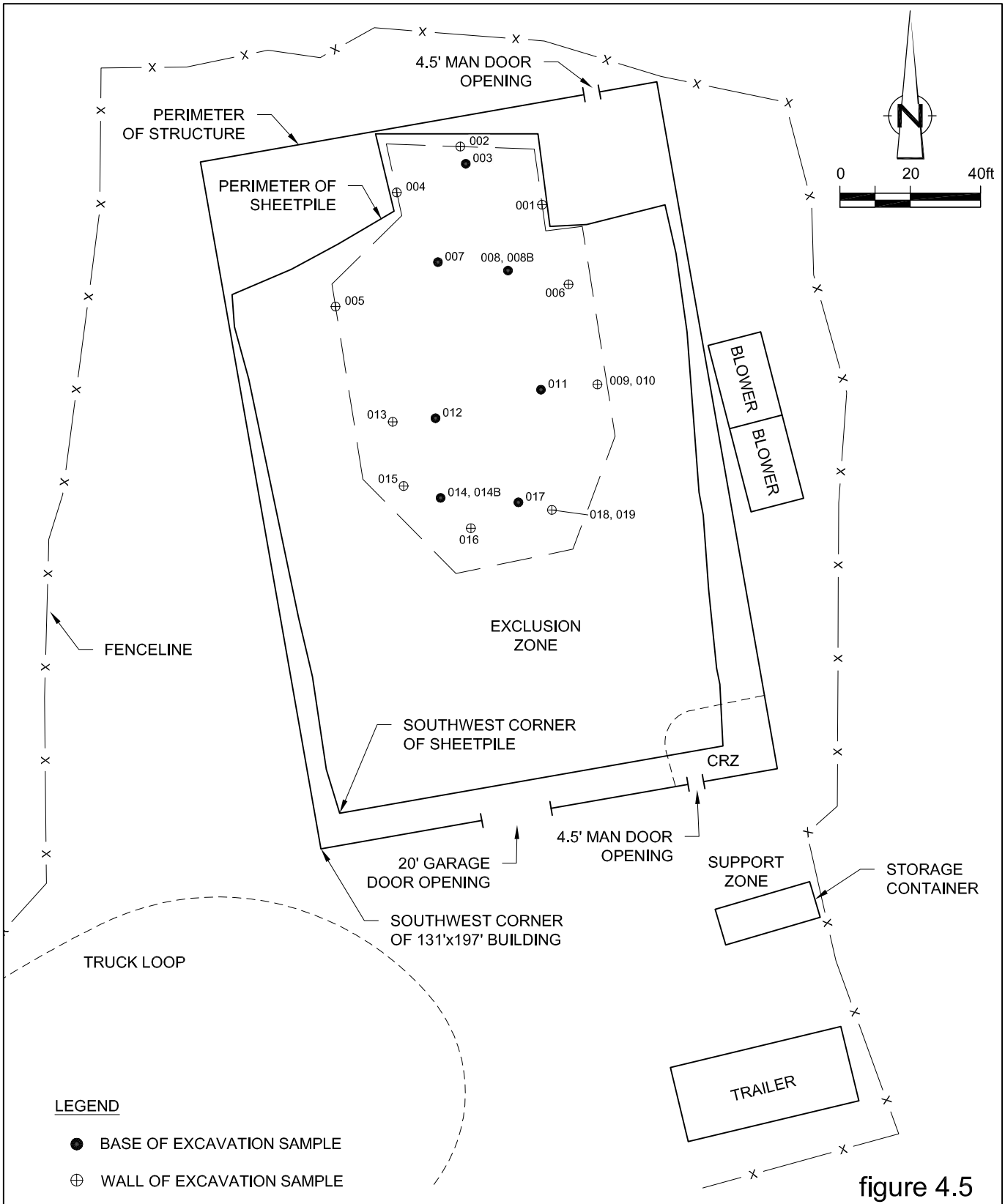


figure 4.5

CONFIRMATORY SOIL SAMPLE LOCATIONS
INTERIM REMEDIAL MEASURE
PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

TANK	ID#
1	A1829
2	A1009
3	A1747
4	A18720T
5	A4131
6	A599
7	A4253

TANK	ID#
8	A1752
9	A5723
10	A5729
11	A898
12	A3075
13	A5722
14	A537

figure 4.6

WASTEWATER TREATMENT SYSTEM FOR NASH ROAD
INTERIM REMEDIAL MEASURE PROJECT SUMMARY REPORT
NASH ROAD LANDFILL
Wheatfield, New York

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/14/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/14/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/14/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/14/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/14/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/14/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/15/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/15/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/15/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/15/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/15/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/15/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/17/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/17/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/17/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/17/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/17/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/17/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/19/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/19/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/19/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/19/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/19/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/19/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/20/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/20/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/20/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/20/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/20/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/20/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/21/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/21/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/21/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/21/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/21/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/21/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/22/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/22/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/22/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/22/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/22/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/24/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/24/2014	Y	100 ppm isobutylene

Table 3.1

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/24/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/24/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/24/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	11/25/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	11/25/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	11/25/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	11/25/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	11/25/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/01/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/01/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	11/21/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/01/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/01/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/01/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/02/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/02/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/02/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/02/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/02/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/03/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/03/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/03/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/03/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/03/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/03/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/04/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/04/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/04/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/04/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/04/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/04/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/05/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/05/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/05/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/05/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/05/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/05/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/08/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/08/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/08/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/08/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/08/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/08/2014	Y	Zero Calibration using filter

Table 3.1

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/09/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/09/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/09/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/09/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/09/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/09/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/10/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/10/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/10/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/10/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/10/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/10/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/11/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/11/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/11/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/11/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/11/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/11/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/12/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/12/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/12/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/12/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/12/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/12/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/15/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/15/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/15/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/15/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/15/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/16/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/16/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/16/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/16/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/16/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/16/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/17/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/17/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/17/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/17/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/17/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/17/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/18/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/18/2014	Y	100 ppm isobutylene

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	12/18/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/18/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/18/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/18/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/19/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/19/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/19/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/19/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/19/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/22/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/22/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/22/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/22/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/22/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	12/23/2014	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	12/23/2014	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	12/23/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	12/23/2014	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	12/23/2014	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	02/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/03/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/03/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	02/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/04/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/04/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA0369	Eco-Rental Solutions	02/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/05/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/05/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA00369	Eco-Rental Solutions	02/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 1	FA00568	Eco-Rental Solutions	02/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/06/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/06/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/06/2015	Y	Zero Calibration using filter

Table 3.1

Air Monitoring Equipment Calibration Log
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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/06/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA00568	Eco-Rental Solutions	02/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/09/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/09/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA00568	Eco-Rental Solutions	02/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/10/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/10/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	FA00568	Eco-Rental Solutions	02/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	FA01874	Eco-Rental Solutions	02/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07552	GHD	02/11/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/11/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	02/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07177	GHD	02/12/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/12/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	02/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07177	GHD	02/13/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/13/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	02/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07177	GHD	02/16/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/16/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07177	GHD	02/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/17/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/17/2015	Y	Zero Calibration using filter

Table 3.1

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07177	GHD	02/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/18/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/18/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/19/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07177	GHD	02/19/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/19/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/19/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/19/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/19/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/20/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/20/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/23/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/23/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/23/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/23/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/23/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/23/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/24/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/24/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/24/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/24/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/24/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/24/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/25/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/25/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/25/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/25/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/25/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/25/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/26/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/26/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/26/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/26/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/26/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/26/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	02/27/2015	Y	100 ppm isobutylene

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	02/27/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	02/27/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	02/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	02/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	02/27/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/02/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	03/02/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	03/02/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/02/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/02/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/02/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	03/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	03/03/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/03/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	03/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	03/04/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/04/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF06093	GHD	03/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	03/05/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/05/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07554	GHD	03/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07176	GHD	03/06/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/06/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/06/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/06/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07554	GHD	03/09/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/09/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/10/2015	Y	100 ppm isobutylene

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Hand Held	NF07554	GHD	03/10/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/10/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07554	GHD	03/11/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/11/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07554	GHD	03/12/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/12/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	03/13/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/13/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	03/16/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/16/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	03/17/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/17/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	03/18/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/18/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/19/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/19/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/19/2015	Y	Zero Calibration using filter

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/19/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/19/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	03/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	03/20/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	03/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	03/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	03/20/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/07/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/07/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/07/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/07/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/07/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/07/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/08/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/08/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/09/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/09/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/10/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/10/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/13/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/13/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/14/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/14/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/14/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/14/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/14/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/14/2015	Y	Zero Calibration using filter

Table 3.1

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/15/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/15/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/16/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/16/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/17/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/17/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/17/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/17/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/20/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/20/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/21/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/21/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/21/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/21/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/21/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/21/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/22/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/22/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/22/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/22/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/22/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/22/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/23/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/23/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/23/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/23/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/23/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/23/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/24/2015	Y	100 ppm isobutylene

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/24/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/24/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/24/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/24/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/24/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/27/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/27/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/27/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/27/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/28/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/28/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/28/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/28/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/28/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/28/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/29/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/29/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/29/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/29/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/29/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/29/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07174	GHD	04/30/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	04/30/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	04/30/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	04/30/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	04/30/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	04/30/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/01/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/01/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/01/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/01/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/01/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/01/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/04/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/04/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/05/2015	Y	100 ppm isobutylene

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/05/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/05/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/06/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/06/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/06/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/06/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/07/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/07/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/07/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/07/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/07/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/07/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/08/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/08/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/11/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA01281	Eco-Rental Solutions	05/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/11/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/12/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/12/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/13/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/13/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/13/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/13/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/14/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/14/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/14/2015	Y	100 ppm isobutylene

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/14/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/14/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/14/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/15/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/15/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/18/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/18/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/18/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/18/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/19/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/19/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/19/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/19/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/19/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/19/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/20/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/20/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/20/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/20/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/21/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/21/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/21/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/21/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/21/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/21/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/22/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/22/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/22/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/22/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/22/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/22/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/26/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/26/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/26/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/26/2015	Y	Zero Calibration using filter

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Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/26/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/26/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/27/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/27/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/27/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/27/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/27/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/28/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/28/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/28/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/28/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/28/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/28/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	05/29/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	05/29/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	05/29/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	05/29/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	05/29/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	05/29/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/01/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/01/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/01/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/01/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/01/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/01/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/02/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/02/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/02/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/02/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/02/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/02/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/03/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/03/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/03/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/03/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/04/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/04/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/04/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/04/2015	Y	Zero Calibration using filter

Table 3.1

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/04/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/05/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/05/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/05/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/05/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/08/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/08/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/08/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/09/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/09/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/09/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/09/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/10/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/10/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/10/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/10/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/11/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/11/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/11/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/11/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/12/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/12/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/12/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/12/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/15/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/15/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/15/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/15/2015	Y	Zero Calibration using filter

Table 3.1

Air Monitoring Equipment Calibration Log
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Equipment Description	Equipment Number	Equipment Maintained By	Date	Calibrated (Y/N)	Calibration
Mini Rae 3000 (PID 10.6) - Downwind 1	NF07553	GHD	06/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Downwind 2	NF07176	GHD	06/16/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/16/2015	Y	100 ppm isobutylene
DustTrak II enclosure - Upwind	FA01655	Eco-Rental Solutions	06/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 1	FA00316	Eco-Rental Solutions	06/16/2015	Y	Zero Calibration using filter
DustTrak II enclosure - Downwind 2	FA00313	Eco-Rental Solutions	06/16/2015	Y	Zero Calibration using filter
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	06/30/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	07/01/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	07/06/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	07/07/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	07/08/2015	Y	100 ppm isobutylene
Mini Rae 3000 (PID 10.6) - Hand Held	NF07528	GHD	07/09/2015	Y	100 ppm isobutylene

Table 4.1

Pre-Existing Monitoring Well Details
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Monitoring Well	Location	Screened Interval (ft bgs)	Status
OW-3	Support Zone	45 - 55	Protected During Excavation
OW-11	Excavation Area	7 - 9	Removed During Excavation
OW-12	Excavation Area	29.5 - 32.5	Decommissioned Per NYSDEC CP/43
OW-22	Inside Sheet Piling	3 - 8	Removed During Excavation
OW-23	Inside Sheet Piling	3 - 8	Removed During Excavation
OW-24 (1)	Support Zone	5 - 10	Decommissioned Per NYSDEC CP/43
OW-25	Excavation Area	7 - 12	Removed During Excavation

Notes:

(1) - OW-24 was not located in the excavation area; however, it is adjacent to the proposed location of the sheet piling

ft bgs - Feet below ground surface

Table 4.2

Confirmatory Soil Sampling Details
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample ID No.	Data Sampled	Depth Sampled
SO-85121-020915-SM-001	02/09/2015	9-10 ft bgs
SO-85121-020915-SM-002	02/09/2015	5 ft bgs
SO-85121-021115-SM-003	02/11/2015	7 ft bgs
SO-85121-021115-SM-004	02/11/2015	8 ft bgs
SO-85121-022715-SM-005	02/27/2015	6-7 ft bgs
SO-85121-022715-SM-006	02/27/2015	8-9 ft bgs
SO-85121-030215-SM-007	03/02/2015	11 ft bgs
SO-85121-030215-SM-008	03/02/2015	13 ft bgs
SO-85121-031215-SM-008B	03/12/2015	17-18 ft bgs
SO-85121-050115-SM-009	05/01/2015	8-9 ft bgs
SO-85121-050115-SM-010	05/01/2015	8-9 ft bgs
SO-85121-051315-SM-011	05/13/2015	9-10 ft bgs
SO-85121-051315-SM-012	05/13/2015	20-21 ft bgs
SO-85121-051315-SM-013	05/13/2015	16-17 ft bgs
SO-85121-052815-SM-014	05/28/2015	25-26 ft bgs
SO-85121-060415-SM-014B	06/04/2015	30 ft bgs
SO-85121-052815-SM-015	05/28/2015	23-24 ft bgs
SO-85121-052815-SM-016	05/28/2015	23-24 ft bgs
SO-85121-060315-SM-017	06/03/2015	30 ft bgs
SO-85121-060415-SM-018	06/04/2015	26-27 ft bgs
SO-85121-060415-SM-019	06/04/2015	26-27 ft bgs

Notes:

ft bgs - Feet below ground surface

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:				001	002	003
Sample ID:				SO-85121-020915-SM-001	SO-85121-020915-SM-002	SO-85121-021115-SM-003
Sample Date:				2/9/2015	2/9/2015	2/11/2015
		6NYCRR Table 375-6.8 (b)				
Parameters	**Units**	**Commercial Cleanup Standards**	**Residential Cleanup Standards**			
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg	500	100	0.0054 U	0.0046 U	0.0084 U
1,1,2,2-Tetrachloroethane	mg/kg	-	35	0.0054 U	0.0046 U	0.0084 U
1,1,2-Trichloroethane	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
1,1-Dichloroethane	mg/kg	240	19	0.0054 U	0.0046 U	0.0084 U
1,1-Dichloroethene	mg/kg	500	100	0.0054 U	0.0046 U	0.0084 U
1,2,4-Trichlorobenzene	mg/kg	-	-	1.6	0.015	0.14
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
1,2-Dichlorobenzene	mg/kg	500	100	0.62	0.03	0.16
1,2-Dichloroethane	mg/kg	30	2.3	0.0054 U	0.0046 U	0.0084 U
1,2-Dichloropropane	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
1,3-Dichlorobenzene	mg/kg	280	17	0.13	0.025	0.024
1,4-Dichlorobenzene	mg/kg	130	9.8	2 J	0.12	1.1 J
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	100	0.0042 J	0.0087 J	0.11
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	500	100	0.0042 J	0.0087 J	0.11
2-Hexanone	mg/kg	-	-	0.027 U	0.023 U	0.0072 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	0.027 U	0.023 U	0.0077 J
Acetone	mg/kg	500	100	0.032	0.041	0.18
Benzene	mg/kg	44	2.9	0.39	0.13	2.4 J
Bromodichloromethane	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Bromoform	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Bromomethane (Methyl bromide)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Carbon disulfide	mg/kg	-	100	0.0054 U	0.0046 U	0.0084 U
Carbon tetrachloride	mg/kg	22	1.4	0.0054 U	0.0046 U	0.0084 U
Chlorobenzene	mg/kg	500	100	0.26	0.47	1.7 J
Chloroethane	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Chloroform (Trichloromethane)	mg/kg	350	10	0.0054 U	0.0033 J	0.00075 J
Chloromethane (Methyl chloride)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
cis-1,2-Dichloroethene	mg/kg	500	59	0.0054 U	0.0046 U	0.0084 U
cis-1,3-Dichloropropene	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Cyclohexane	mg/kg	-	-	0.081	0.039	0.16
Dibromochloromethane	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Ethylbenzene	mg/kg	390	30	0.0032 J	0.0015 J	0.04
Isopropyl benzene	mg/kg	-	100	0.0054 U	0.0046 U	0.029

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:				**001**	**002**	**003**
Sample ID:				**SO-85121-020915-SM-001**	**SO-85121-020915-SM-002**	**SO-85121-021115-SM-003**
Sample Date:				**2/9/2015**	**2/9/2015**	**2/11/2015**
		6NYCRR Table 375-6.8 (b)				
Parameters	**Units**	**Commercial Cleanup Standards**	**Residential Cleanup Standards**			
Methyl acetate	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Methyl cyclohexane	mg/kg	-	-	0.021	0.013	0.029
Methyl tert butyl ether (MTBE)	mg/kg	500	62	0.0054 U	0.0046 U	0.0084 U
Methylene chloride	mg/kg	500	51	0.0054 U	0.0046 U	0.0061 J
Styrene	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Tetrachloroethene	mg/kg	150	5.5	0.0054 U	0.0046 U	0.0084 U
Toluene	mg/kg	500	100	0.23	1.4	5.3 J
trans-1,2-Dichloroethene	mg/kg	500	100	0.0054 U	0.0046 U	0.0084 U
trans-1,3-Dichloropropene	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Trichloroethene	mg/kg	200	10	0.0054 U	0.0046 U	0.0084 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	0.0054 U	0.0046 U	0.0084 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	100	0.0054 U	0.0046 U	0.0084 U
Vinyl chloride	mg/kg	13	0.21	0.0054 U	0.0046 U	0.0084 U
Xylenes (total)	mg/kg	500	100	0.017	0.0072 J	0.032

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:				001	002	003
Sample ID:				SO-85121-020915-SM-001	SO-85121-020915-SM-002	SO-85121-021115-SM-003
Sample Date:				2/9/2015	2/9/2015	2/11/2015
		6NYCRR Table 375-6.8 (b)				
Parameters	**Units**	**Commercial Cleanup Standards**	**Residential Cleanup Standards**			
Pesticides						
4,4'-DDD	mg/kg	92	2.6	0.087 J	0.04 U	0.046 U
4,4'-DDE	mg/kg	62	1.8	0.11 U	0.04 U	0.046 U
4,4'-DDT	mg/kg	47	1.7	0.11 U	0.04 U	0.046 U
Aldrin	mg/kg	0.68	0.019	0.11 U	0.09	0.046 U
alpha-BHC	mg/kg	3.4	0.097	0.4	0.056	0.046 U
beta-BHC	mg/kg	3	0.072	0.75	0.1	0.015 J
Chlordane	mg/kg	-	-	1.1 U	0.4 U	0.46 U
delta-BHC	mg/kg	500	100	0.11 U	0.04 U	0.046 U
Dieldrin	mg/kg	1.4	0.039	0.11 U	0.04 U	0.046 U
Endosulfan I	mg/kg	200	4.8	0.11 U	0.04 U	0.046 U
Endosulfan II	mg/kg	200	4.8	0.11 U	0.04 U	0.046 U
Endosulfan sulfate	mg/kg	200	4.8	0.032 J	0.04 U	0.046 U
Endrin	mg/kg	89	2.2	0.11 U	0.04 U	0.046 U
Endrin aldehyde	mg/kg	-	-	0.11 U	0.04 U	0.046 U
gamma-BHC (lindane)	mg/kg	9.2	0.28	0.28	0.04 U	0.046 U
Heptachlor	mg/kg	15	0.42	0.11 U	0.04 U	0.046 U
Heptachlor epoxide	mg/kg	-	0.077	0.11 U	0.04 U	0.046 U
Toxaphene	mg/kg	-	-	1.1 U	0.4 U	0.46 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
- Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**004**	**005**	**006**	**007**
Sample ID:		**SO-85121-021115-SM-004**	**SO-85121-022715-SM-005**	**SO-85121-022715-SM-006**	**SO-85121-030215-SM-007**
Sample Date:		**2/11/2015**	**2/27/2015**	**2/27/2015**	**3/2/2015**
Parameters	**Units**				
Volatile Organic Compounds					
1,1,1-Trichloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,1,2,2-Tetrachloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,1,2-Trichloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,1-Dichloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,1-Dichloroethene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,2,4-Trichlorobenzene	mg/kg	0.13 U	0.0052 U	0.011	1.2
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,2-Dichlorobenzene	mg/kg	0.039 J	0.0052 U	0.0081	0.96
1,2-Dichloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,2-Dichloropropane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
1,3-Dichlorobenzene	mg/kg	0.13 U	0.0052 U	0.0014 J	0.77 U
1,4-Dichlorobenzene	mg/kg	0.14 J	0.0052 U	0.014	3
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.67 U	0.026 U	0.03 U	3.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.67 U	0.026 U	0.03 U	3.9 U
2-Hexanone	mg/kg	0.67 U	0.026 U	0.03 U	3.9 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.67 U	0.026 U	0.03 U	3.9 U
Acetone	mg/kg	0.67 U	0.026 U	0.014 J	3.9 U
Benzene	mg/kg	4.7 J	1.1	0.011	8.1
Bromodichloromethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Bromoform	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Bromomethane (Methyl bromide)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Carbon disulfide	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Carbon tetrachloride	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Chlorobenzene	mg/kg	1.2 J	0.0052 U	0.014	2.7
Chloroethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Chloroform (Trichloromethane)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Chloromethane (Methyl chloride)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
cis-1,2-Dichloroethene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
cis-1,3-Dichloropropene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Cyclohexane	mg/kg	0.2 J	0.0052 U	0.0026 J	1
Dibromochloromethane	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Ethylbenzene	mg/kg	0.13 U	0.0052 U	0.00083 J	0.77 U
Isopropyl benzene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	004	005	006	007
	Sample ID:	SO-85121-021115-SM-004	SO-85121-022715-SM-005	SO-85121-022715-SM-006	SO-85121-030215-SM-007
	Sample Date:	2/11/2015	2/27/2015	2/27/2015	3/2/2015
Parameters	**Units**				
Methyl acetate	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Methyl cyclohexane	mg/kg	0.13 U	0.0052 U	0.0012 J	0.68 J
Methyl tert butyl ether (MTBE)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Methylene chloride	mg/kg	0.08 J	0.0052 U	0.0028 J	0.77 U
Styrene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Tetrachloroethene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Toluene	mg/kg	12 J	0.0033 J	0.09	44
trans-1,2-Dichloroethene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
trans-1,3-Dichloropropene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Trichloroethene	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Vinyl chloride	mg/kg	0.13 U	0.0052 U	0.0059 U	0.77 U
Xylenes (total)	mg/kg	0.27 U	0.01 U	0.0079 J	1.5 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**004**	**005**	**006**	**007**
Sample ID:		**SO-85121-021115-SM-004**	**SO-85121-022715-SM-005**	**SO-85121-022715-SM-006**	**SO-85121-030215-SM-007**
Sample Date:		**2/11/2015**	**2/27/2015**	**2/27/2015**	**3/2/2015**
Parameters	**Units**				
Pesticides					
4,4'-DDD	mg/kg	0.013 J	0.002 U	0.02 U	0.046 U
4,4'-DDE	mg/kg	0.014 J	0.002 U	0.02 U	0.046 U
4,4'-DDT	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
Aldrin	mg/kg	0.017 J	0.002 U	0.02 U	0.046 U
alpha-BHC	mg/kg	0.12	0.0022	0.036	0.16 U
beta-BHC	mg/kg	0.19	0.0023	0.061	0.05 U
Chlordane	mg/kg	0.43 U	0.02 U	0.2 U	0.46 U
delta-BHC	mg/kg	0.015 J	0.002 U	0.02 U	0.046 U
Dieldrin	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
Endosulfan I	mg/kg	0.014 J	0.002 U	0.02 U	0.046 U
Endosulfan II	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
Endosulfan sulfate	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
Endrin	mg/kg	0.14	0.002 U	0.02 U	0.046 U
Endrin aldehyde	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
gamma-BHC (lindane)	mg/kg	0.014 J	0.002 U	0.02 U	0.026 J
Heptachlor	mg/kg	0.043 U	0.002 U	0.083	0.046 U
Heptachlor epoxide	mg/kg	0.043 U	0.002 U	0.02 U	0.046 U
Toxaphene	mg/kg	0.43 U	0.02 U	0.2 U	0.46 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
- Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		008	008B	009	009	011
Sample ID:		SO-85121-030215-SM-008	SO-85121-031215-SM-008B	SO-85121-050115-SM-009	SO-85121-050115-SM-010	SO-85121-050115-SM-011
Sample Date:		3/2/2015	3/12/2015	5/1/2015	5/1/2015 (Duplicate)	5/1/2015
Parameters	**Units**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,1,2,2-Tetrachloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,1,2-Trichloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,1-Dichloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,1-Dichloroethene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,2,4-Trichlorobenzene	mg/kg	91	0.00073 J	0.0054 U	0.0016 J	0.0064 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,2-Dichlorobenzene	mg/kg	28	0.028	0.0011 J	0.0031 J	0.0064 UJ
1,2-Dichloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,2-Dichloropropane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
1,3-Dichlorobenzene	mg/kg	13 U	0.0091 U	0.0054 U	0.00073 J	0.0064 UJ
1,4-Dichlorobenzene	mg/kg	85	0.077	0.0035 J	0.0087	0.0029 J
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	67 U	0.1	0.027 U	0.032 U	0.032 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	67 U	0.1	0.027 U	0.032 U	0.032 UJ
2-Hexanone	mg/kg	67 U	0.045 U	0.027 U	0.032 U	0.032 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	67 U	0.0079 J	0.027 U	0.032 U	0.032 UJ
Acetone	mg/kg	67 U	0.11 U	0.0071 J	0.011 J	0.0079 J
Benzene	mg/kg	**110**	3.2	0.0035 J	0.0059 J	0.0023 J
Bromodichloromethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Bromoform	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Bromomethane (Methyl bromide)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Carbon disulfide	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Carbon tetrachloride	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Chlorobenzene	mg/kg	77	2.2	0.0035 J	0.0079	0.0021 J
Chloroethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Chloroform (Trichloromethane)	mg/kg	13 U	0.079	0.0054 U	0.0065 U	0.0064 UJ
Chloromethane (Methyl chloride)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
cis-1,2-Dichloroethene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
cis-1,3-Dichloropropene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Cyclohexane	mg/kg	17	0.091 J	0.0054 U	0.0012 J	0.0064 UJ
Dibromochloromethane	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg	13 U	0.0023 J	0.0054 U	0.0065 U	0.0064 UJ
Ethylbenzene	mg/kg	13 U	0.0018 J	0.0054 U	0.00048 J	0.0064 UJ
Isopropyl benzene	mg/kg	13 U	0.0091 U	0.0054 U	0.0015 J	0.0064 UJ

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**008**	**008B**	**009**	**009**	**011**
Sample ID:		**SO-85121-030215-SM-008**	**SO-85121-031215-SM-008B**	**SO-85121-050115-SM-009**	**SO-85121-050115-SM-010**	**SO-85121-050115-SM-011**
Sample Date:		**3/2/2015**	**3/12/2015**	**5/1/2015**	**5/1/2015 (Duplicate)**	**5/1/2015**
Parameters	**Units**					
Methyl acetate	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Methyl cyclohexane	mg/kg	21	0.016	0.0054 U	0.0065 U	0.0064 UJ
Methyl tert butyl ether (MTBE)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Methylene chloride	mg/kg	15 U	0.037 U	0.0026 J	0.0065 U	0.0064 UJ
Styrene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Tetrachloroethene	mg/kg	13 U	0.0025 J	0.0054 U	0.0065 U	0.0064 UJ
Toluene	mg/kg	**1100**	28	0.068	0.14	0.033 J
trans-1,2-Dichloroethene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
trans-1,3-Dichloropropene	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Trichloroethene	mg/kg	13 U	0.0027 J	0.0054 U	0.0065 U	0.0064 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	13 U	0.0091 U	0.0054 U	0.0065 U	0.0064 UJ
Vinyl chloride	mg/kg	13 U	0.003 J	0.0054 U	0.0065 U	0.0064 UJ
Xylenes (total)	mg/kg	27 U	0.0078 J	0.0013 J	0.0058 J	0.013 UJ

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		008	008B	009	009	011
Sample ID:		SO-85121-030215-SM-008	SO-85121-031215-SM-008B	SO-85121-050115-SM-009	SO-85121-050115-SM-010	SO-85121-050115-SM-011
Sample Date:		3/2/2015	3/12/2015	5/1/2015	5/1/2015 (Duplicate)	5/1/2015
Parameters	**Units**					
Pesticides						
4,4'-DDD	mg/kg	13	0.022 U	0.002 U	0.0046	0.0022 U
4,4'-DDE	mg/kg	49	0.022 U	0.002 U	0.001 J	0.0022 U
4,4'-DDT	mg/kg	5.9 J	0.022 U	0.002 U	0.002 U	0.0022 U
Aldrin	mg/kg	**66**	0.022 U	0.00076 J	0.0013 J	0.0022 U
alpha-BHC	mg/kg	**140**	0.0095 J	0.0071	0.0048	0.0029 J
beta-BHC	mg/kg	**50**	0.022 U	0.004	0.0032	0.002 J
Chlordane	mg/kg	110 U	0.22 U	0.02 U	0.02 U	0.022 U
delta-BHC	mg/kg	180	0.022 U	0.002 U	0.002 U	0.0022 U
Dieldrin	mg/kg	**5.8 J**	0.022 U	0.002 U	0.002 U	0.0022 U
Endosulfan I	mg/kg	9.1 J	0.022 U	0.002 U	0.002 U	0.0022 U
Endosulfan II	mg/kg	12	0.022 U	0.002 U	0.002 U	0.0022 U
Endosulfan sulfate	mg/kg	21	0.022 U	0.00044 J	0.0005 J	0.0022 U
Endrin	mg/kg	16	0.022 U	0.002 U	0.002 U	0.0022 U
Endrin aldehyde	mg/kg	4.8 J	0.022 U	0.002 U	0.002 U	0.0022 U
gamma-BHC (lindane)	mg/kg	**54**	0.022 U	0.002 U	0.002 U	0.0022 U
Heptachlor	mg/kg	6.5 J	0.022 U	0.002 U	0.002 U	0.0022 U
Heptachlor epoxide	mg/kg	2.9 J	0.022 U	0.002 U	0.002 U	0.0022 U
Toxaphene	mg/kg	110 U	0.22 U	0.02 U	0.02 U	0.022 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
bold - Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**012**	**013**
Sample ID:		**SO-85121-051315-SM-012**	**SO-85121-051315-SM-013**
Sample Date:		**5/13/2015**	**5/13/2015**
Parameters	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	mg/kg	0.17 U	0.17 U
1,1,2,2-Tetrachloroethane	mg/kg	0.17 U	0.17 U
1,1,2-Trichloroethane	mg/kg	0.17 U	0.17 U
1,1-Dichloroethane	mg/kg	0.17 U	0.17 U
1,1-Dichloroethene	mg/kg	0.17 U	0.17 U
1,2,4-Trichlorobenzene	mg/kg	0.17 U	0.17 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.17 U	0.17 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.17 U	0.17 U
1,2-Dichlorobenzene	mg/kg	0.09 J	0.17 U
1,2-Dichloroethane	mg/kg	0.17 U	0.17 U
1,2-Dichloropropane	mg/kg	0.17 U	0.17 U
1,3-Dichlorobenzene	mg/kg	0.17 U	0.17 U
1,4-Dichlorobenzene	mg/kg	0.28	0.17 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.84 U	0.85 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.84 U	0.85 U
2-Hexanone	mg/kg	0.84 U	0.85 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.84 U	0.85 U
Acetone	mg/kg	0.84 U	0.85 U
Benzene	mg/kg	2.2	1.1
Bromodichloromethane	mg/kg	0.17 U	0.17 U
Bromoform	mg/kg	0.17 U	0.17 U
Bromomethane (Methyl bromide)	mg/kg	0.17 U	0.17 U
Carbon disulfide	mg/kg	0.17 U	0.17 U
Carbon tetrachloride	mg/kg	0.17 U	0.17 U
Chlorobenzene	mg/kg	0.74	0.27
Chloroethane	mg/kg	0.17 U	0.17 U
Chloroform (Trichloromethane)	mg/kg	0.17 U	0.17 U
Chloromethane (Methyl chloride)	mg/kg	0.17 U	0.17 U
cis-1,2-Dichloroethene	mg/kg	0.17 U	0.17 U
cis-1,3-Dichloropropene	mg/kg	0.17 U	0.17 U
Cyclohexane	mg/kg	0.17 U	0.17 U
Dibromochloromethane	mg/kg	0.17 U	0.17 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.17 U	0.17 U
Ethylbenzene	mg/kg	0.17 U	0.17 U
Isopropyl benzene	mg/kg	0.17 U	0.17 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**012**	**013**
Sample ID:		**SO-85121-051315-SM-012**	**SO-85121-051315-SM-013**
Sample Date:		**5/13/2015**	**5/13/2015**
Parameters	**Units**		
Methyl acetate	mg/kg	0.17 U	0.17 U
Methyl cyclohexane	mg/kg	0.17 U	0.17 U
Methyl tert butyl ether (MTBE)	mg/kg	0.17 U	0.17 U
Methylene chloride	mg/kg	0.17 U	0.17 U
Styrene	mg/kg	0.17 U	0.17 U
Tetrachloroethene	mg/kg	0.17 U	0.17 U
Toluene	mg/kg	9.8	3.5
trans-1,2-Dichloroethene	mg/kg	0.17 U	0.17 U
trans-1,3-Dichloropropene	mg/kg	0.17 U	0.17 U
Trichloroethene	mg/kg	0.17 U	0.17 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.17 U	0.17 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.17 U	0.17 U
Vinyl chloride	mg/kg	0.17 U	0.17 U
Xylenes (total)	mg/kg	0.34 U	0.34 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**012**	**013**
Sample ID:		**SO-85121-051315-SM-012**	**SO-85121-051315-SM-013**
Sample Date:		**5/13/2015**	**5/13/2015**
Parameters	**Units**		
Pesticides			
4,4'-DDD	mg/kg	0.24 U	0.0049 U
4,4'-DDE	mg/kg	0.058 J	0.0049 U
4,4'-DDT	mg/kg	0.24 U	0.0049 U
Aldrin	mg/kg	0.24 U	0.0049 U
alpha-BHC	mg/kg	1.4	0.0083
beta-BHC	mg/kg	1	0.0098
Chlordane	mg/kg	2.4 U	0.049 U
delta-BHC	mg/kg	0.24 U	0.0049 U
Dieldrin	mg/kg	0.24 U	0.0049 U
Endosulfan I	mg/kg	0.24 U	0.0049 U
Endosulfan II	mg/kg	0.24 U	0.0049 U
Endosulfan sulfate	mg/kg	0.24 U	0.0049 U
Endrin	mg/kg	0.24 U	0.0049 U
Endrin aldehyde	mg/kg	0.24 U	0.0049 U
gamma-BHC (lindane)	mg/kg	0.11 J	0.0049 U
Heptachlor	mg/kg	0.24 U	0.0049 U
Heptachlor epoxide	mg/kg	0.24 U	0.0049 U
Toxaphene	mg/kg	2.4 U	0.049 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
- Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**014**	**014B**	**015**	**016**	**017**
Sample ID:		**SO-85121-052915-SM-014**	**SO-85121-060415-SM-014B**	**SO-85121-052915-SM-015**	**SO-85121-052915-SM-016**	**SO-85121-060315-SM-017**
Sample Date:		**5/29/2015**	**6/4/2015**	**5/29/2015**	**5/29/2015**	**6/3/2015**
Parameters	**Units**					
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,1,2,2-Tetrachloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,1,2-Trichloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,1-Dichloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,1-Dichloroethene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,2,4-Trichlorobenzene	mg/kg	55	0.0014 J	0.0067 U	0.011 U	0.29 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,2-Dichlorobenzene	mg/kg	24 J	0.015	0.00084 J	0.011 U	0.29 U
1,2-Dichloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,2-Dichloropropane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
1,3-Dichlorobenzene	mg/kg	26 U	0.00069 J	0.0067 U	0.011 U	0.29 U
1,4-Dichlorobenzene	mg/kg	70	0.045	0.0067 U	0.011 U	0.29 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	130 U	0.026 J	0.018 J	0.015 J	1.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	130 U	0.026 J	0.018 J	0.015 J	1.4 U
2-Hexanone	mg/kg	130 U	0.034 U	0.034 U	0.055 U	1.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	130 U	0.0022 J	0.034 U	0.055 U	1.4 U
Acetone	mg/kg	130 U	0.085	0.057	0.072	1.4 U
Benzene	mg/kg	**230 J**	7.4	3.7 J	7.5 J	8.4
Bromodichloromethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Bromoform	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Bromomethane (Methyl bromide)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Carbon disulfide	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Carbon tetrachloride	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Chlorobenzene	mg/kg	410	3.8	2.1	0.31	1.3
Chloroethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Chloroform (Trichloromethane)	mg/kg	26 U	0.0016 J	0.0067 U	0.00074 J	0.29 U
Chloromethane (Methyl chloride)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
cis-1,2-Dichloroethene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
cis-1,3-Dichloropropene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Cyclohexane	mg/kg	50	0.049	0.011	0.0039 J	0.29 U
Dibromochloromethane	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Dichlorodifluoromethane (CFC-12)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Ethylbenzene	mg/kg	26 U	0.0033 J	0.00049 J	0.011 U	0.29 U
Isopropyl benzene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**014**	**014B**	**015**	**016**	**017**
Sample ID:		**SO-85121-052915-SM-014**	**SO-85121-060415-SM-014B**	**SO-85121-052915-SM-015**	**SO-85121-052915-SM-016**	**SO-85121-060315-SM-017**
Sample Date:		**5/29/2015**	**6/4/2015**	**5/29/2015**	**5/29/2015**	**6/3/2015**
Parameters	**Units**					
Methyl acetate	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Methyl cyclohexane	mg/kg	19 J	0.0017 J	0.0067 U	0.011 U	0.29 U
Methyl tert butyl ether (MTBE)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Methylene chloride	mg/kg	26 U	0.015 U	0.015	0.019	0.29 U
Styrene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Tetrachloroethene	mg/kg	26 U	0.0014 J	0.0067 U	0.011 U	0.29 U
Toluene	mg/kg	**1600**	22	14	21	16
trans-1,2-Dichloroethene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
trans-1,3-Dichloropropene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Trichloroethene	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Trichlorofluoromethane (CFC-11)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Trifluorotrichloroethane (Freon 113)	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Vinyl chloride	mg/kg	26 U	0.0067 U	0.0067 U	0.011 U	0.29 U
Xylenes (total)	mg/kg	53 U	0.0035 J	0.013 U	0.022 U	0.57 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**014**	**014B**	**015**	**016**	**017**
Sample ID:		**SO-85121-052915-SM-014**	**SO-85121-060415-SM-014B**	**SO-85121-052915-SM-015**	**SO-85121-052915-SM-016**	**SO-85121-060315-SM-017**
Sample Date:		**5/29/2015**	**6/4/2015**	**5/29/2015**	**5/29/2015**	**6/3/2015**
Parameters	**Units**					
Pesticides						
4,4'-DDD	mg/kg	14 J	0.13 U	0.0057 J	0.018 J	0.0043 U
4,4'-DDE	mg/kg	42 U	0.031 J	0.024 U	0.048 U	0.0043 U
4,4'-DDT	mg/kg	42 U	0.13 U	0.024 U	0.011 J	0.0043 U
Aldrin	mg/kg	**84**	0.13 U	0.026	0.1	0.0012 J
alpha-BHC	mg/kg	**96**	0.17	0.13	0.23	0.01 J
beta-BHC	mg/kg	**94**	0.16	0.046	0.18	0.0023 J
Chlordane	mg/kg	420 U	1.3 U	0.24 U	0.48 U	0.043 U
delta-BHC	mg/kg	14 J	0.13 U	0.0055 J	0.02 J	0.0043 U
Dieldrin	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
Endosulfan I	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
Endosulfan II	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
Endosulfan sulfate	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
Endrin	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
Endrin aldehyde	mg/kg	42 U	0.13 U	0.024 U	0.048 U	0.0043 U
gamma-BHC (lindane)	mg/kg	**14 J**	0.13 U	0.0087 J	0.025 J	0.002 J
Heptachlor	mg/kg	**180**	0.13 U	0.024 U	0.23	0.0043 U
Heptachlor epoxide	mg/kg	42 U	0.13 U	0.0066 J	0.048 U	0.0043 U
Toxaphene	mg/kg	420 U	1.3 U	0.24 U	0.48 U	0.043 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
bold - Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**018**	**019**
Sample ID:		**SO-85121-060415-SM-018**	**SO-85121-060415-SM-019**
Sample Date:		**6/4/2015**	**6/4/2015 (Duplicate)**
Parameters	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	mg/kg	0.0068 U	0.0076 U
1,1,2,2-Tetrachloroethane	mg/kg	0.0068 U	0.0076 U
1,1,2-Trichloroethane	mg/kg	0.0068 U	0.0076 U
1,1-Dichloroethane	mg/kg	0.0068 U	0.0076 U
1,1-Dichloroethene	mg/kg	0.0068 U	0.0076 U
1,2,4-Trichlorobenzene	mg/kg	0.0011 J	0.011
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.0068 U	0.0076 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.0068 U	0.0076 U
1,2-Dichlorobenzene	mg/kg	0.03	0.063
1,2-Dichloroethane	mg/kg	0.0068 U	0.0076 U
1,2-Dichloropropane	mg/kg	0.0068 U	0.0076 U
1,3-Dichlorobenzene	mg/kg	0.0015 J	0.0037 J
1,4-Dichlorobenzene	mg/kg	0.094	0.2
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.067	0.055
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.067	0.055
2-Hexanone	mg/kg	0.034 U	0.0049 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	0.0054 J	0.0045 J
Acetone	mg/kg	0.18	0.15
Benzene	mg/kg	11	9.6
Bromodichloromethane	mg/kg	0.0068 U	0.0076 U
Bromoform	mg/kg	0.0068 U	0.0076 U
Bromomethane (Methyl bromide)	mg/kg	0.0068 U	0.0076 U
Carbon disulfide	mg/kg	0.0068 U	0.0076 U
Carbon tetrachloride	mg/kg	0.0068 U	0.0076 U
Chlorobenzene	mg/kg	5	4.8
Chloroethane	mg/kg	0.0068 U	0.0076 U
Chloroform (Trichloromethane)	mg/kg	0.017	0.024
Chloromethane (Methyl chloride)	mg/kg	0.0068 U	0.0076 U
cis-1,2-Dichloroethene	mg/kg	0.0068 U	0.0076 U
cis-1,3-Dichloropropene	mg/kg	0.0068 U	0.0076 U
Cyclohexane	mg/kg	0.095	0.15
Dibromochloromethane	mg/kg	0.0068 U	0.0076 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.0068 U	0.0076 U
Ethylbenzene	mg/kg	0.0021 J	0.0032 J
Isopropyl benzene	mg/kg	0.0068 U	0.0076 U

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	**018**	**019**
	Sample ID:	**SO-85121-060415-SM-018**	**SO-85121-060415-SM-019**
	Sample Date:	**6/4/2015**	**6/4/2015 (Duplicate)**
Parameters	**Units**		
Methyl acetate	mg/kg	0.0068 U	0.0076 U
Methyl cyclohexane	mg/kg	0.0055 J	0.015
Methyl tert butyl ether (MTBE)	mg/kg	0.0068 U	0.0076 U
Methylene chloride	mg/kg	0.022 U	0.021 U
Styrene	mg/kg	0.0068 U	0.0076 U
Tetrachloroethene	mg/kg	0.0024 J	0.0036 J
Toluene	mg/kg	32	28
trans-1,2-Dichloroethene	mg/kg	0.0068 U	0.0076 U
trans-1,3-Dichloropropene	mg/kg	0.0068 U	0.0076 U
Trichloroethene	mg/kg	0.0021 J	0.0022 J
Trichlorofluoromethane (CFC-11)	mg/kg	0.0068 U	0.0076 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.0068 U	0.0076 U
Vinyl chloride	mg/kg	0.0068 U	0.0076 U
Xylenes (total)	mg/kg	0.005 J	0.0071 J

Table 4.3

Confirmatory Soil Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**018**	**019**
Sample ID:		**SO-85121-060415-SM-018**	**SO-85121-060415-SM-019**
Sample Date:		**6/4/2015**	**6/4/2015 (Duplicate)**
Parameters	**Units**		
Pesticides			
4,4'-DDD	mg/kg	0.24 U	0.28 U
4,4'-DDE	mg/kg	0.24 U	0.28 U
4,4'-DDT	mg/kg	0.24 U	0.28 U
Aldrin	mg/kg	0.24 U	0.28 U
alpha-BHC	mg/kg	0.061 J	0.54
beta-BHC	mg/kg	0.24 U	0.28 U
Chlordane	mg/kg	2.4 U	2.8 U
delta-BHC	mg/kg	0.24 U	0.28 U
Dieldrin	mg/kg	0.24 U	0.28 U
Endosulfan I	mg/kg	0.24 U	0.28 U
Endosulfan II	mg/kg	0.24 U	0.28 U
Endosulfan sulfate	mg/kg	0.24 U	0.28 U
Endrin	mg/kg	0.24 U	0.28 U
Endrin aldehyde	mg/kg	0.24 U	0.28 U
gamma-BHC (lindane)	mg/kg	0.24 U	0.28 U
Heptachlor	mg/kg	0.24 U	0.28 U
Heptachlor epoxide	mg/kg	0.24 U	0.28 U
Toxaphene	mg/kg	2.4 U	2.8 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
UJ - Not detected; associated reporting limit is estimated
- Sample result exceeded the Commercial Cleanup Criteria
mg/kg - Milligrams per kilogram

Table 4.4

Excavated Materials Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
12/08/2014	1	008040930 FLE	N/A	N/A	44467	22.23	Corunna, ON	US Bulk Transport
12/08/2014	2	008040901 FLE	N/A	N/A	43541	21.77	Corunna, ON	US Bulk Transport
12/08/2014	3	008040902 FLE	N/A	N/A	39882	19.94	Corunna, ON	Price Trucking Corp
12/10/2014	4	008040903 FLE	N/A	N/A	45834	22.92	Corunna, ON	US Bulk Transport
12/10/2014	5	008040904 FLE	N/A	N/A	43563	21.78	Corunna, ON	US Bulk Transport
02/06/2015	6	008045266 FLE	EPIU 22 2070	02/12/2015	43100	21.55	Kimball, NE	Price Trucking Corp / CSX Transportation
02/06/2015	7	008045267 FLE	EPIU 22 4052	02/12/2015	41240	20.62	Kimball, NE	Price Trucking Corp / CSX Transportation
02/06/2015	8	008045268 FLE	EPIU 22 4173	02/12/2015	48320	24.16	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	9	008045269 FLE	EPIU 22 3455	02/12/2015	37380	18.69	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	10	008045270 FLE	EPIU 22 2556	02/12/2015	38840	19.42	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	11	008045271 FLE	EPIU 22 2208	02/12/2015	42280	21.14	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	12	008045272 FLE	EPIU 22 4045	02/12/2015	40260	20.13	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	13	008045273 FLE	EPIU 22 3375	02/12/2015	39640	19.82	Kimball, NE	Price Trucking Corp / CSX Transportation
02/09/2015	14	008045274 FLE	EPIU 22 4192	02/12/2015	38040	19.02	Kimball, NE	Price Trucking Corp / CSX Transportation
02/10/2015	15	008045275 FLE	EPIU 22 3135	02/12/2015	38960	19.48	Kimball, NE	Price Trucking Corp / CSX Transportation
02/10/2015	16	008045276 FLE	EPIU 22 2047	02/12/2015	44100	22.05	Kimball, NE	Price Trucking Corp / CSX Transportation
02/10/2015	17	008045277 FLE	EPIU 22 3179	02/12/2015	39760	19.88	Kimball, NE	Price Trucking Corp / CSX Transportation
02/10/2015	18	008314226 FLE	EPIU 22 4216	02/12/2015	42890	21.445	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/10/2015	19	008314227 FLE	EPIU 22 3402	02/12/2015	41610	20.81	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/10/2015	20	008314228 FLE	EPIU 22 2226	02/12/2015	43150	21.58	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/10/2015	21	008314231 FLE	EPIU 22 3394	02/12/2015	43010	21.51	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	22	008314229 FLE	EPIU 22 3363	02/12/2015	46030	23.02	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	23	008314230 FLE	EPIU 22 2002	02/12/2015	44590	22.30	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	24	008314232 FLE	EPIU 22 2255	02/12/2015	40750	20.38	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	25	008314233 FLE	EPIU 22 2537	02/12/2015	44270	22.14	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	27	008314234 FLE	EPIU 22 3164	02/12/2015	41210	20.61	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	26	008314235 FLE	EPIU 22 2188	02/12/2015	42570	21.29	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	28	008314236 FLE	EPIU 22 3338	02/12/2015	45570	22.79	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/11/2015	29	008314237 FLE	EPIU 22 3464	02/12/2015	42470	21.24	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/12/2015	30	008045278 FLE	EPIU 22 3300	02/12/2015	46020	23.01	Kimball, NE	Price Trucking Corp / CSX Transportation
02/12/2015	31	008045279 FLE	EPIU 22 3083	02/12/2015	45780	22.89	Kimball, NE	Price Trucking Corp / CSX Transportation
02/12/2015	32	008045280 FLE	EPIU 22 4002	02/12/2015	46700	23.35	Kimball, NE	Price Trucking Corp / CSX Transportation
02/12/2015	33	008045281 FLE	EPIU 22 3160	02/12/2015	45880	22.94	Kimball, NE	Price Trucking Corp / CSX Transportation
02/18/2015	34	008045282 FLE	EPIU 22 2373	02/19/2015	47320	23.66	Kimball, NE	Price Trucking Corp / CSX Transportation
02/18/2015	35	008045283 FLE	EPIU 22 3095	02/19/2015	43080	21.54	Kimball, NE	Price Trucking Corp / CSX Transportation
02/18/2015	36	008045284 FLE	EPIU 22 3368	02/19/2015	41260	20.63	Kimball, NE	Price Trucking Corp / CSX Transportation
02/19/2015	37	008045373 FLE	EPIU 22 3037	02/19/2015	43060	21.53	Kimball, NE	Price Trucking Corp / CSX Transportation
02/19/2015	38	008045374 FLE	EPIU 22 4084	02/19/2015	44140	22.07	Kimball, NE	Price Trucking Corp / CSX Transportation
02/19/2015	39	008045375 FLE	EPIU 22 4180	02/19/2015	44500	22.25	Kimball, NE	Price Trucking Corp / CSX Transportation
02/19/2015	40	008045376 FLE	EPIU 22 3421	02/20/2015	44920	22.46	Kimball, NE	Price Trucking Corp / CSX Transportation
02/20/2015	41	008045377 FLE	EPIU 22 3398	02/20/2015	40980	20.49	Kimball, NE	Price Trucking Corp / CSX Transportation
02/20/2015	42	008045321 FLE	EPIU 22 3341	02/20/2015	41410	20.71	Aragonite, UT	Price Trucking Corp / CSX Transportation

Table 4.4

Excavated Materials Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
02/23/2015	43	008045322 FLE	EPIU 22 3224	02/24/2015	46730	23.37	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/23/2015	44	008045319 FLE	EPIU 22 3259	02/24/2015	50630	25.32	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/23/2015	45	008045320 FLE	EPIU 22 4181	02/24/2015	49430	24.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/23/2015	46	008045323 FLE	EPIU 22 3053	02/24/2015	49370	24.69	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/24/2015	47	008045324 FLE	EPIU 22 2299	02/24/2015	47570	23.79	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/24/2015	48	008045325 FLE	EPIU 22 2405	02/24/2015	6240	3.12	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/24/2015	49	008045326 FLE	EPIU 22 2071	02/24/2015	10480	5.24	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/24/2015	50	008045327 FLE	EPIU 22 3340	02/25/2015	11440	5.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/24/2015	51	008045328 FLE	EPIU 22 2547	02/25/2015	8060	4.03	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/25/2015	52	008045329 FLE	EPIU 22 4182	02/25/2015	10400	5.20	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/25/2015	53	008045330 FLE	EPIU 22 3030	02/25/2015	31260	15.63	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/25/2015	54	008045378 FLE	EPIU 22 3327	02/25/2015	42060	21.03	Kimball, NE	Price Trucking Corp / CSX Transportation
02/25/2015	55	008045380 FLE	EPIU 22 4197	02/25/2015	44660	22.33	Kimball, NE	Price Trucking Corp / CSX Transportation
02/25/2015	56	008045381 FLE	EPIU 22 4061	02/26/2015	44560	22.28	Kimball, NE	Price Trucking Corp / CSX Transportation
02/25/2015	57	008045382 FLE	EPIU 22 2111	02/26/2015	45680	22.84	Kimball, NE	Price Trucking Corp / CSX Transportation
02/26/2015	58	008045383 FLE	EPIU 22 2443	02/26/2015	41980	20.99	Kimball, NE	Price Trucking Corp / CSX Transportation
02/26/2015	59	008045384 FLE	EPIU 22 4037	02/26/2015	42280	21.14	Kimball, NE	Price Trucking Corp / CSX Transportation
02/26/2015	60	008045385 FLE	EPIU 22 2423	02/26/2015	39740	19.87	Kimball, NE	Price Trucking Corp / CSX Transportation
02/26/2015	61	008045386 FLE	EPIU 22 4245	02/26/2015	41280	20.64	Kimball, NE	Price Trucking Corp / CSX Transportation
02/27/2015	62	008045387 FLE	EPIU 22 2209	02/27/2015	42320	21.16	Kimball, NE	Price Trucking Corp / CSX Transportation
02/27/2015	63	008045388 FLE	EPIU 22 3445	02/27/2015	41700	20.85	Kimball, NE	Price Trucking Corp / CSX Transportation
02/27/2015	64	008045389 FLE	EPIU 22 2578	02/27/2015	41600	20.80	Kimball, NE	Price Trucking Corp / CSX Transportation
02/27/2015	65	008045390 FLE	EPIU 22 2356	02/27/2015	40400	20.20	Kimball, NE	Price Trucking Corp / CSX Transportation
02/27/2015	66	008045331 FLE	EPIU 22 3041	02/27/2015	43410	21.71	Aragonite, UT	Price Trucking Corp / CSX Transportation
02/27/2015	67	008045332 FLE	EPIU 22 4054	03/02/2015	52010	26.01	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	68	008045333 FLE	EPIU 22 4039	03/02/2015	46650	23.33	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	69	008045334 FLE	EPIU 22 3047	03/02/2015	38610	19.31	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	70	008045335 FLE	EPIU 22 3185	03/02/2015	42110	21.06	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	71	008045336 FLE	EPIU 22 4048	03/02/2015	43130	21.57	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	72	008045337 FLE	EPIU 22 2594	03/02/2015	41250	20.63	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/02/2015	73	008045338 FLE	EPIU 22 2258	03/03/2015	46690	23.35	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/03/2015	74	008045339 FLE	EPIU 22 4211	03/03/2015	45430	22.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/03/2015	75	008045340 FLE	EPIU 22 2366	03/03/2015	42790	21.40	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/03/2015	76	008045341 FLE	EPIU 22 2113	03/03/2015	41110	20.56	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/03/2015	77	008045342 FLE	EPIU 22 2570	03/03/2015	41710	20.86	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/03/2015	78	008045391 FLE	EPIU 22 2579	03/03/2015	37740	18.87	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	79	008045392 FLE	EPIU 22 3377	03/04/2015	40900	20.45	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	80	008045393 FLE	EPIU 22 3299	03/04/2015	40000	20.00	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	81	008045394 FLE	EPIU 22 3355	03/04/2015	45300	22.65	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	82	008045395 FLE	EPIU 22 4069	03/04/2015	44160	22.08	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	83	008045396 FLE	EPIU 22 3073	03/04/2015	39280	19.64	Kimball, NE	Price Trucking Corp / CSX Transportation
03/04/2015	84	008045397 FLE	EPIU 22 3308	03/04/2015	45480	22.74	Kimball, NE	Price Trucking Corp / CSX Transportation

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Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
03/05/2015	85	008045398 FLE	EPIU 22 4247	03/05/2015	44280	22.14	Kimball, NE	Price Trucking Corp / CSX Transportation
03/05/2015	86	008045399 FLE	EPIU 22 2507	03/05/2015	42060	21.03	Kimball, NE	Price Trucking Corp / CSX Transportation
03/05/2015	87	008313901 FLE	EPIU 22 3176	03/05/2015	43100	21.55	Kimball, NE	Price Trucking Corp / CSX Transportation
03/05/2015	88	008313902 FLE	EPIU 22 2502	03/05/2015	43360	21.68	Kimball, NE	Price Trucking Corp / CSX Transportation
03/05/2015	89	008313903 FLE	EPIU 22 4016	03/05/2015	44940	22.47	Kimball, NE	Price Trucking Corp / CSX Transportation
03/05/2015	90	008045343 FLE	EPIU 22 2492	03/05/2015	45420	22.71	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	91	008045344 FLE	EPIU 22 2576	03/06/2015	43050	21.53	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	92	008045345 FLE	EPIU 22 3194	03/06/2015	41430	20.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	93	008045346 FLE	EPIU 22 4217	03/06/2015	43570	21.79	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	94	008045347 FLE	EPIU 22 3267	03/06/2015	43350	21.68	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	95	008045348 FLE	EPIU 22 3108	03/06/2015	45530	22.77	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/06/2015	96	008045349 FLE	EPIU 22 2005	03/06/2015	50790	25.40	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	97	008045350 FLE	EPIU 22 2358	03/09/2015	63600	31.80	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	98	008045351 FLE	EPIU 22 2064	03/09/2015	41410	20.71	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	99	008045352 FLE	EPIU 22 4063	03/09/2015	43190	21.60	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	100	008045353 FLE	EPIU 22 4208	03/09/2015	43610	21.81	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	101	008045354 FLE	EPIU 22 2323	03/10/2015	40530	20.27	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/09/2015	102	008313904 FLE	EPIU 22 2592	03/10/2015	36060	18.03	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	103	008313905 FLE	EPIU 22 3390	03/10/2015	47060	23.53	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	104	008313906 FLE	EPIU 22 4032	03/10/2015	44800	22.40	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	105	008313907 FLE	EPIU 22 3473	03/10/2015	45700	22.85	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	106	008313908 FLE	EPIU 22 2127	03/10/2015	50080	25.04	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	107	008313909 FLE	EPIU 22 4131	03/10/2015	44020	22.01	Kimball, NE	Price Trucking Corp / CSX Transportation
03/10/2015	108	008313910 FLE	EPIU 22 3326	03/11/2015	45720	22.86	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	109	008313913 FLE	EPIU 22 3351	03/11/2015	42840	21.42	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	110	008313914 FLE	EPIU 22 3425	03/11/2015	43740	21.87	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	111	008313915 FLE	EPIU 22 3378	03/11/2015	36220	18.11	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	112	008313911 FLE	EPIU 22 2404	03/11/2015	37960	18.98	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	113	008313912 FLE	EPIU 22 2571	03/11/2015	38500	19.25	Kimball, NE	Price Trucking Corp / CSX Transportation
03/11/2015	114	008045358 FLE	EPIU 22 3426	03/12/2015	41570	20.79	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/12/2015	115	008045359 FLE	EPIU 22 2159	03/12/2015	44970	22.49	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/12/2015	116	008045360 FLE	EPIU 22 3211	03/12/2015	43790	21.90	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/12/2015	117	008045361 FLE	EPIU 22 4139	03/12/2015	40430	20.22	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/12/2015	118	008045362 FLE	EPIU 22 3071	03/12/2015	43690	21.85	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/12/2015	119	008045363 FLE	EPIU 22 4125	03/12/2015	40290	20.15	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	120	008045364 FLE	EPIU 22 2416	03/17/2015	41870	20.94	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	121	008045365 FLE	EPIU 22 3435	03/17/2015	43010	21.51	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	122	008045366 FLE	EPIU 22 3067	03/17/2015	44730	22.37	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	123	008045367 FLE	EPIU 22 4150	03/17/2015	43350	21.68	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	124	008045368 FLE	EPIU 22 2470	03/17/2015	40050	20.03	Aragonite, UT	Price Trucking Corp / CSX Transportation
03/17/2015	125	008045369 FLE	EPIU 22 2094	03/17/2015	43450	21.73	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/08/2015	126	006625461 FLE	CHIU 258289	04/10/2015	27000	13.50	Aragonite, UT	Price Trucking Corp / CSX Transportation

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Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
04/08/2015	127	006625462 FLE	CHIU 258300	04/10/2015	35440	17.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/08/2015	128	006625463 FLE	CHIU 258322	04/10/2015	32740	16.37	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/08/2015	129	006625464 FLE	CHIU 258191	04/10/2015	33240	16.62	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	130	006625465 FLE	CHIU 258142	04/10/2015	34960	17.48	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	131	006625491 FLE	EPIU 22 2226	04/10/2015	43660	21.83	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	132	006625466 FLE	CHIU 258130	04/10/2015	38960	19.48	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	133	006625492 FLE	EPIU 22 3363	04/10/2015	53020	26.51	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	134	006625493 FLE	EPIU 22 2002	04/10/2015	39340	19.67	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/09/2015	135	006625494 FLE	EPIU 22 3402	04/10/2015	39100	19.55	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/10/2015	136	006625495 FLE	EPIU 22 4216	04/10/2015	43020	21.51	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/10/2015	137	006625496 FLE	EPIU 22 3394	04/10/2015	44000	22.00	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/10/2015	138	006625479 FLE	EPIU 22 4045	04/10/2015	43120	21.56	Kimball, NE	Price Trucking Corp / CSX Transportation
04/10/2015	139	006625480 FLE	EPIU 22 2208	04/13/2015	45560	22.78	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	140	006625481 FLE	EPIU 22 2047	04/13/2015	40080	20.04	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	141	006625482 FLE	EPIU 22 3375	04/13/2015	40720	20.36	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	142	006625483 FLE	EPIU 22 2556	04/13/2015	41920	20.96	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	143	006625484 FLE	EPIU 22 3179	04/14/2015	38280	19.14	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	144	006625485 FLE	EPIU 22 3135	04/14/2015	36560	18.28	Kimball, NE	Price Trucking Corp / CSX Transportation
04/13/2015	145	006625486 FLE	EPIU 22 3455	04/14/2015	43440	21.72	Kimball, NE	Price Trucking Corp / CSX Transportation
04/14/2015	146	006625487 FLE	EPIU 22 4052	04/14/2015	46360	23.18	Kimball, NE	Price Trucking Corp / CSX Transportation
04/14/2015	147	006625488 FLE	EPIU 22 4192	04/14/2015	42740	21.37	Kimball, NE	Price Trucking Corp / CSX Transportation
04/14/2015	148	006625489 FLE	EPIU 22 4173	04/14/2015	41520	20.76	Kimball, NE	Price Trucking Corp / CSX Transportation
04/14/2015	149	006625490 FLE	EPIU 22 2070	04/14/2015	37800	18.90	Kimball, NE	Price Trucking Corp / CSX Transportation
04/14/2015	150	006625467 FLE	CHIU 258155	04/15/2015	24640	12.32	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/14/2015	151	006625468 FLE	CHIU 200421	04/15/2015	32380	16.19	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	152	006625469 FLE	CHIU 258311	04/15/2015	34828	17.41	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	153	006625470 FLE	CHIU 252154	04/15/2015	34535	17.27	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	154	006625471 FLE	CHIU 258375	04/15/2015	32580	16.29	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	155	006625472 FLE	CHIU 252044	04/15/2015	32875	16.44	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	156	006625473 FLE	CHIU 250278	04/16/2015	30170	15.09	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/15/2015	157	006625474 FLE	CHIU 258392	04/16/2015	29120	14.56	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/16/2015	158	006625475 FLE	CHIU 258239	04/16/2015	37440	18.72	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/16/2015	159	006625476 FLE	CHIU 250297	04/16/2015	34240	17.12	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/16/2015	160	006625477 FLE	CHIU 250304	04/16/2015	32080	16.04	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/17/2015	161	006625478 FLE	CHIU 250234	04/17/2015	32040	16.02	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/17/2015	162	008088997 FLE	EPIU 22 2578	04/17/2015	42920	21.46	Kimball, NE	Price Trucking Corp / CSX Transportation
04/17/2015	163	008088998 FLE	EPIU 22 2356	04/17/2015	46600	23.30	Kimball, NE	Price Trucking Corp / CSX Transportation
04/17/2015	164	008088999 FLE	EPIU 22 3445	04/17/2015	42120	21.06	Kimball, NE	Price Trucking Corp / CSX Transportation
04/17/2015	165	008089000 FLE	EPIU 22 2209	04/17/2015	41360	20.68	Kimball, NE	Price Trucking Corp / CSX Transportation
04/17/2015	166	008089001 FLE	EPIU 22 4245	04/17/2015	41740	20.87	Kimball, NE	Price Trucking Corp / CSX Transportation
04/20/2015	167	008089002 FLE	EPIU 22 2423	04/20/2015	40040	20.02	Kimball, NE	Price Trucking Corp / CSX Transportation
04/20/2015	168	006625445 FLE	CHIU 255147	04/20/2015	28360	14.18	Kimball, NE	Price Trucking Corp / CSX Transportation

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04/20/2015	169	006625446 FLE	CHIU 258410	04/20/2015	32060	16.03	Kimball, NE	Price Trucking Corp / CSX Transportation
04/20/2015	170	006625447 FLE	CHIU 250002	04/20/2015	37040	18.52	Kimball, NE	Price Trucking Corp / CSX Transportation
04/20/2015	171	006625448 FLE	CHIU 258404	04/20/2015	34600	17.30	Kimball, NE	Price Trucking Corp / CSX Transportation
04/20/2015	172	006625449 FLE	CHIU 250292	04/20/2015	33200	16.60	Kimball, NE	Price Trucking Corp / CSX Transportation
04/21/2015	173	006625450 FLE	CHIU 258467	04/21/2015	31040	15.52	Kimball, NE	Price Trucking Corp / CSX Transportation
04/21/2015	174	006625457 FLE	CHIU 258202	04/21/2015	41160	20.58	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/21/2015	175	006625458 FLE	CHIU 258461	04/21/2015	42440	21.22	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/21/2015	176	006625459 FLE	CHIU 258224	04/21/2015	37900	18.95	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/21/2015	177	006625460 FLE	CHIU 258259	04/21/2015	34320	17.16	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/21/2015	178	006625451 FLE	CHIU 255145	04/21/2015	29200	14.60	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/22/2015	179	006625452 FLE	CHIU 207018	04/22/2015	29660	14.83	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	180	006625497 FLE	EPIU 22 3037	04/23/2015	43090	21.55	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	181	006625498 FLE	EPIU 22 3421	04/23/2015	46310	23.16	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	182	006625499 FLE	EPIU 22 4084	04/23/2015	44970	22.49	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	183	006625500 FLE	EPIU 22 4180	04/23/2015	40590	20.30	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	184	006625501 FLE	EPIU 22 3368	04/23/2015	36390	18.20	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/23/2015	185	006625502 FLE	EPIU 22 3398	04/23/2015	40490	20.25	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/28/2015	186	008088995 FLE	EPIU 22 4131	04/28/2015	40660	20.33	Kimball, NE	Price Trucking Corp / CSX Transportation
04/28/2015	187	008088996 FLE	EPIU 22 3351	04/28/2015	43320	21.66	Kimball, NE	Price Trucking Corp / CSX Transportation
04/28/2015	188	008089003 FLE	EPIU 22 3473	04/28/2015	39800	19.90	Kimball, NE	Price Trucking Corp / CSX Transportation
04/28/2015	189	008089004 FLE	EPIU 22 3378	04/28/2015	45060	22.53	Kimball, NE	Price Trucking Corp / CSX Transportation
04/28/2015	190	008089005 FLE	EPIU 22 2571	04/28/2015	42160	21.08	Kimball, NE	Price Trucking Corp / CSX Transportation
04/28/2015	191	008089006 FLE	EPIU 22 3390	04/28/2015	41800	20.90	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	192	008089007 FLE	EPIU 22 2592	04/29/2015	42080	21.04	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	193	008089008 FLE	EPIU 22 4032	04/29/2015	43880	21.94	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	194	008089009 FLE	EPIU 22 2404	04/29/2015	44880	22.44	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	195	008089010 FLE	EPIU 22 2255	04/29/2015	41680	20.84	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	196	008089011 FLE	EPIU 22 3164	04/29/2015	36220	18.11	Kimball, NE	Price Trucking Corp / CSX Transportation
04/29/2015	197	008089012 FLE	EPIU 22 3338	04/29/2015	42220	21.11	Kimball, NE	Price Trucking Corp / CSX Transportation
04/30/2015	198	006625403 FLE	EPIU 22 2188	04/30/2015	41810	20.91	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/30/2015	199	006625404 FLE	EPIU 22 2537	04/30/2015	42250	21.13	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/30/2015	200	006625405 FLE	EPIU 22 3464	04/30/2015	43770	21.89	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/30/2015	201	006625406 FLE	EPIU 22 2579	04/30/2015	42610	21.31	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/30/2015	202	006625407 FLE	EPIU 22 3073	04/30/2015	43690	21.85	Aragonite, UT	Price Trucking Corp / CSX Transportation
04/30/2015	203	006625408 FLE	EPIU 22 3355	04/30/2015	40270	20.14	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	204	006625409 FLE	EPIU 22 4069	05/01/2015	43510	21.76	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	205	006625410 FLE	EPIU 22 3377	05/01/2015	43750	21.88	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	206	006625411 FLE	EPIU 22 3299	05/01/2015	44370	22.19	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	207	006625412 FLE	EPIU 22 4247	05/01/2015	42230	21.12	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	208	006625413 FLE	EPIU 22 2502	05/01/2015	45710	22.86	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/01/2015	209	006625414 FLE	EPIU 22 2507	05/01/2015	44690	22.35	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/04/2015	210	008089013 FLE	EPIU 22 4016	05/04/2015	37720	18.86	Kimball, NE	Price Trucking Corp / CSX Transportation

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05/04/2015	211	008291298 FLE	9A-080 640	N/A	46060	23.03	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/04/2015	212	008089014 FLE	EPIU 22 3308	05/04/2015	43980	21.99	Kimball, NE	Price Trucking Corp / CSX Transportation
05/04/2015	213	008089015 FLE	EPIU 22 3176	05/04/2015	45740	22.87	Kimball, NE	Price Trucking Corp / CSX Transportation
05/04/2015	214	008089016 FLE	EPIU 22 3326	05/04/2015	42580	21.29	Kimball, NE	Price Trucking Corp / CSX Transportation
05/04/2015	215	008089017 FLE	EPIU 22 2127	05/04/2015	44860	22.43	Kimball, NE	Price Trucking Corp / CSX Transportation
05/04/2015	216	008291299 FLE	9A-080 631	N/A	40520	20.26	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/05/2015	217	008089018 FLE	EPIU 22 3425	05/05/2015	40820	20.41	Kimball, NE	Price Trucking Corp / CSX Transportation
05/05/2015	218	008291300 FLE	9A-025 2500	N/A	38320	19.16	Kimball, NE	Price Trucking Corp
05/06/2015	219	008291301 FLE	9A-080 638	N/A	39500	19.75	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/07/2015	220	008313916 FLE	EPIU 22 3095	05/07/2015	37920	18.96	Kimball, NE	Price Trucking Corp / CSX Transportation
05/07/2015	221	008313917 FLE	EPIU 22 3300	05/07/2015	40500	20.25	Kimball, NE	Price Trucking Corp / CSX Transportation
05/07/2015	222	008313918 FLE	EPIU 22 2373	05/07/2015	39700	19.85	Kimball, NE	Price Trucking Corp / CSX Transportation
05/07/2015	223	008313919 FLE	EPIU 22 4002	05/07/2015	45340	22.67	Kimball, NE	Price Trucking Corp / CSX Transportation
05/07/2015	224	008313920 FLE	EPIU 22 3160	05/08/2015	46260	23.13	Kimball, NE	Price Trucking Corp / CSX Transportation
05/07/2015	225	008313921 FLE	EPIU 22 3083	05/08/2015	45880	22.94	Kimball, NE	Price Trucking Corp / CSX Transportation
05/08/2015	226	008045370 FLE	EPIU 22 4039	05/08/2015	43490	21.75	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/08/2015	227	008045371 FLE	EPIU 22 4048	05/08/2015	43870	21.94	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/08/2015	228	008045372 FLE	EPIU 22 4054	05/08/2015	44410	22.21	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/08/2015	229	006625415 FLE	EPIU 22 3047	05/08/2015	44350	22.18	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/08/2015	230	006625416 FLE	EPIU 22 3041	05/08/2015	43110	21.56	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/08/2015	231	006625417 FLE	EPIU 22 3185	05/08/2015	38710	19.36	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/19/2015	232	008291302 FLE	9A-080 635	N/A	39060	19.53	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/20/2015	233	008291303 FLE	9A-080 631	N/A	37220	18.61	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/22/2015	234	006625418 FLE	EPIU 22 2578	05/22/2015	43050	21.53	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	235	006625419 FLE	EPIU 22 4245	05/22/2015	44130	22.07	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	236	008291304 FLE	9A-080 640	N/A	37100	18.55	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/22/2015	237	006625420 FLE	EPIU 22 2356	05/22/2015	44070	22.04	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	238	008291354 FLE	EPIU 22 3345	05/22/2015	44090	22.05	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	239	008291355 FLE	EPIU 22 2423	05/22/2015	43750	21.88	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	240	008291356 FLE	EPIU 22 2209	05/22/2015	43550	21.78	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/22/2015	241	008291305 FLE	9A-080 636	N/A	44550	22.28	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/20/2015	242	008291306 FLE	9A-080 635	N/A	43120	21.56	Kimball, NE	Tonawanda Tank Transport Services, Inc.
05/26/2015	243	008045400 FLE	EPIU 22 2159	05/26/2015	42320	21.16	Kimball, NE	Price Trucking Corp / CSX Transportation
05/26/2015	244	008313922 FLE	EPIU 22 3071	05/26/2015	40340	20.17	Kimball, NE	Price Trucking Corp / CSX Transportation
05/26/2015	245	008313923 FLE	EPIU 22 2358	05/26/2015	41000	20.50	Kimball, NE	Price Trucking Corp / CSX Transportation
05/26/2015	246	008313924 FLE	EPIU 22 4125	05/26/2015	41820	20.91	Kimball, NE	Price Trucking Corp / CSX Transportation
05/26/2015	247	008313925 FLE	EPIU 22 4139	05/27/2015	43000	21.50	Kimball, NE	Price Trucking Corp / CSX Transportation
05/26/2015	248	008313926 FLE	EPIU 22 3426	05/27/2015	42260	21.13	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	249	008313927 FLE	EPIU 22 2571	05/27/2015	43940	21.97	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	250	008291323 FLE	EPIU 22 3390	05/27/2015	43560	21.78	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	251	008291324 FLE	EPIU 22 3378	05/27/2015	44960	22.48	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	252	008291325 FLE	EPIU 22 3473	05/27/2015	44540	22.27	Kimball, NE	Price Trucking Corp / CSX Transportation

Table 4.4

Excavated Materials Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
05/27/2015	253	008291326 FLE	EPIU 22 3351	05/27/2015	45560	22.78	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	254	008291327 FLE	EPIU 22 4131	05/28/2015	40700	20.35	Kimball, NE	Price Trucking Corp / CSX Transportation
05/27/2015	255	008291363 FLE	EPIU 22 3135	05/28/2015	42650	21.33	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/27/2015	256	008291364 FLE	EPIU 22 2070	05/28/2015	42610	21.31	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	257	008291365 FLE	EPIU 22 4173	05/28/2015	44670	22.34	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	258	008291366 FLE	EPIU 22 3179	05/28/2015	43550	21.78	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	259	008291367 FLE	EPIU 22 4052	05/28/2015	42930	21.47	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	260	008291368 FLE	EPIU 22 4192	05/28/2015	44630	22.32	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	261	008291369 FLE	EPIU 22 3053	05/28/2015	44070	22.04	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/28/2015	262	008291370 FLE	EPIU 22 4181	05/28/2015	43930	21.97	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	263	008291372 FLE	EPIU 22 3259	05/29/2015	37910	18.96	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	264	008291371 FLE	EPIU 22 3341	05/29/2015	38770	19.39	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	265	008291373 FLE	EPIU 22 3224	05/29/2015	42130	21.07	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	266	008291374 FLE	EPIU 22 2299	05/29/2015	41790	20.90	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	267	008291330 FLE	EPIU 22 2492	05/29/2015	43730	21.87	Aragonite, UT	Price Trucking Corp / CSX Transportation
05/29/2015	268	008291329 FLE	EPIU 22 4208	05/29/2015	42990	21.50	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	269	008291331 FLE	EPIU 22 4217	06/01/2015	45690	22.85	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	270	008291332 FLE	EPIU 22 2547	06/01/2015	42930	21.47	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	271	008291333 FLE	EPIU 22 2405	06/01/2015	45350	22.68	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	272	008291334 FLE	EPIU 22 3211	06/01/2015	43730	21.87	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	273	008291335 FLE	EPIU 22 4182	06/01/2015	43770	21.89	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/01/2015	274	008291336 FLE	EPIU 22 2071	06/01/2015	45350	22.68	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	275	008291337 FLE	EPIU 22 2576	06/02/2015	44010	22.01	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	276	008291338 FLE	EPIU 22 3194	06/02/2015	44890	22.45	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	277	008291339 FLE	EPIU 22 3267	06/02/2015	44850	22.43	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	278	008291340 FLE	EPIU 22 3030	06/02/2015	46410	23.21	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	279	008291381 FLE	EPIU 22 3067	06/02/2015	48210	24.11	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/02/2015	280	008291382 FLE	EPIU 22 2366	06/02/2015	46430	23.22	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	281	008291375 FLE	EPIU 22 4211	06/03/2015	44510	22.26	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	282	008291376 FLE	EPIU 22 2113	06/03/2015	47510	23.76	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	283	008291377 FLE	EPIU 22 2094	06/03/2015	46330	23.17	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	284	008291378 FLE	EPIU 22 3435	06/03/2015	41510	20.76	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	285	008291379 FLE	EPIU 22 4150	06/03/2015	43290	21.65	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/03/2015	286	008291380 FLE	EPIU 22 2594	06/03/2015	42890	21.45	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	287	008291383 FLE	EPIU 22 2258	06/04/2015	39650	19.83	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	288	008291341 FLE	EPIU 22 2416	06/04/2015	38530	19.27	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	289	008291342 FLE	EPIU 22 2570	06/04/2015	41010	20.51	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	290	008291343 FLE	EPIU 22 2470	06/04/2015	41850	20.93	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	291	008291344 FLE	EPIU 22 4045	06/04/2015	39450	19.73	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/04/2015	292	008291345 FLE	EPIU 22 3455	06/04/2015	39830	19.92	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/05/2015	293	008291346 FLE	EPIU 22 2208	06/05/2015	43770	21.89	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/05/2015	294	008291347 FLE	EPIU 22 2047	06/05/2015	45130	22.57	Aragonite, UT	Price Trucking Corp / CSX Transportation

Table 4.4

Excavated Materials Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date Loaded	Load #	Manifest #	Container #	Date of Inspection at Rail Yard	Weight (pounds)	Weight (tons)	Destination	Transporter
06/05/2015	295	008291348 FLE	EPIU 22 2556	06/05/2015	44490	22.25	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/05/2015	296	008291349 FLE	EPIU 22 3375	06/05/2015	42910	21.46	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/05/2015	297	008291350 FLE	EPIU 22 2255	06/05/2015	43070	21.54	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/05/2015	298	008291351 FLE	EPIU 22 4032	06/05/2015	46290	23.15	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	299	008797419 FLE	EPIU 22 3338	06/08/2015	44330	22.17	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	300	008797420 FLE	EPIU 22 2404	06/08/2015	43890	21.95	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	301	008797421 FLE	EPIU 22 2592	06/08/2015	43750	21.88	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	302	008797422 FLE	EPIU 22 3164	06/08/2015	43570	21.79	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	303	008797455 FLE	EPIU 22 3108	06/08/2015	40390	20.20	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/08/2015	304	008797456 FLE	EPIU 22 3402	06/08/2015	42690	21.35	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/09/2015	305	008797444 FLE	EPIU 22 3363	06/09/2015	38550	19.28	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/09/2015	306	008797445 FLE	EPIU 22 4216	06/09/2015	42450	21.23	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/09/2015	307	008797446 FLE	EPIU 22 4063	06/09/2015	40790	20.40	Aragonite, UT	Price Trucking Corp / CSX Transportation
06/09/2015	308	008797447 FLE	EPIU 22 2226	06/09/2015	48230	24.12	Aragonite, UT	Price Trucking Corp / CSX Transportation

Total loads	**308.00**
Total tons	**6388.31**
Average (tons)	**21.67**

Table 4.5

Wastewater Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date	Load #	Bill of Lading #	Est. Volume (gallons)
12/11/2014	1	148551	4684
12/11/2014	2	148552	4684
12/11/2014	3	148553	5072
12/19/2014	4	151638	4979
12/19/2014	5	151636	4979
12/19/2014	6	148726	4785
12/19/2014	7	148724	2514
03/20/2015	8	153613	4820
03/20/2015	9	153614	4900
03/20/2015	10	153615	4900
04/07/2015	11	155111	5000
04/07/2015	12	155112	4900
04/07/2015	13	155113	5000
04/07/2015	14	155124	5250
04/07/2015	15	155125	4800
04/08/2015	16	155147	5000
04/08/2015	17	155148	5000
04/08/2015	18	155149	5000
04/08/2015	19	155150	4945
04/08/2015	20	155151	5300
04/08/2015	21	155152	4756
04/09/2015	22	155168	4545
04/09/2015	23	155172	5086
04/09/2015	24	155169	4715
04/09/2015	25	155173	4684
04/09/2015	26	155170	4545
04/09/2015	27	155174	4990
04/09/2015	28	155171	4632
04/09/2015	29	155175	4789
04/10/2015	30	155200	4632
04/10/2015	31	155204	4891
04/10/2015	32	155201	4588
04/10/2015	33	155205	4700
04/10/2015	34	155202	5000
04/10/2015	35	155206	4900
04/11/2015	36	155225	4990
04/11/2015	37	155221	4835
04/11/2015	38	155226	4900
04/11/2015	39	155222	4716
04/11/2015	40	155227	4891
04/11/2015	41	155223	4872
04/11/2015	42	155228	4900
04/11/2015	43	155224	4632
04/13/2015	44	155258	4684
04/13/2015	45	155259	4684
04/13/2015	46	155260	4891
04/13/2015	47	155261	4684
04/13/2015	48	144296	4990
04/14/2015	49	155292	4789
04/14/2015	50	155296	4800
04/14/2015	51	155293	4891

Table 4.5

Wastewater Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date	Load #	Bill of Lading #	Est. Volume (gallons)
04/14/2015	52	155297	4796
04/14/2015	53	155294	4684
04/14/2015	54	155298	5025
04/14/2015	55	155295	4789
04/14/2015	56	155299	4835
04/14/2015	57	144290	4891
04/14/2015	58	141276	4796
04/15/2015	59	155321	4891
04/15/2015	60	155326	4835
04/15/2015	61	155322	4891
04/15/2015	62	155327	4979
04/15/2015	63	155323	4941
04/15/2015	64	155328	4800
04/15/2015	65	155324	5086
04/15/2015	66	155329	4909
04/15/2015	67	155325	4990
04/16/2015	68	155353	4891
04/16/2015	69	155358	4632
04/16/2015	70	155354	4891
04/16/2015	71	155359	4266
04/16/2015	72	155355	4990
04/16/2015	73	155360	4674
04/16/2015	74	155356	4990
04/16/2015	75	155361	4756
04/16/2015	76	155357	4789
04/16/2015	77	155362	4314
04/17/2015	78	155386	4894
04/17/2015	79	155387	4891
04/17/2015	80	155402	4900
04/17/2015	81	155388	4891
04/17/2015	82	155389	4891
04/17/2015	83	155403	4945
04/17/2015	84	155404	4900
04/17/2015	85	155390	4789
04/18/2015	86	155419	4684
04/18/2015	87	155424	4756
04/18/2015	88	155420	4891
04/18/2015	89	155425	5260
04/18/2015	90	155421	4684
04/19/2015	91	155435	4900
04/19/2015	92	155440	4900
04/19/2015	93	155441	4900
04/19/2015	94	155436	4900
04/19/2015	95	155437	4900
04/19/2015	96	155442	4870
04/19/2015	97	155438	4900
04/19/2015	98	155443	4870
04/20/2015	99	155468	4891
04/20/2015	100	155474	4900
04/20/2015	101	155469	4990
04/20/2015	102	155475	5000

Table 4.5

Wastewater Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date	Load #	Bill of Lading #	Est. Volume (gallons)
04/21/2015	103	155520	4789
04/21/2015	104	155515	4716
04/21/2015	105	155521	5086
04/21/2015	106	155516	4786
04/21/2015	107	155552	4684
04/21/2015	108	155517	4716
04/21/2015	109	155523	4891
04/21/2015	110	155518	4790
04/21/2015	111	155524	4789
04/21/2015	112	155519	4716
04/22/2015	113	153914	4800
04/22/2015	114	153915	4800
04/22/2015	115	153916	4800
04/22/2015	116	153917	4577
04/23/2015	117	153943	4684
04/23/2015	118	153944	4684
04/23/2015	119	153945	4684
04/23/2015	120	153946	4684
04/23/2015	121	153947	4684
04/24/2015	122	153974	4355
04/24/2015	123	153979	4716
04/24/2015	124	153975	4577
04/24/2015	125	153976	4632
04/24/2015	126	153980	4241
04/28/2015	127	154074	4126
04/28/2015	128	154075	4891
04/28/2015	129	154076	4891
04/28/2015	130	154077	4126
04/28/2015	131	154078	4990
04/29/2015	132	154107	4684
04/29/2015	133	154108	4990
04/29/2015	134	154109	4789
04/29/2015	135	154110	4737
04/29/2015	136	154111	4684
04/30/2015	137	154135	4684
04/30/2015	138	154136	4789
04/30/2015	139	154137	4789
04/30/2015	140	154138	4789
05/01/2015	141	154163	4891
05/01/2015	142	154168	4361
05/01/2015	143	154164	4941
05/01/2015	144	154169	4361
05/01/2015	145	154165	4684
05/01/2015	146	154170	3757
05/04/2015	147	154224	4684
05/04/2015	148	154225	4577
05/04/2015	149	154226	4735
05/04/2015	150	154227	4684
05/05/2015	151	154258	4789
05/05/2015	152	154259	4840
05/05/2015	153	154260	4789

Table 4.5

Wastewater Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date	Load #	Bill of Lading #	Est. Volume (gallons)
05/05/2015	154	154261	4840
05/06/2015	155	154297	4684
05/06/2015	156	154298	4684
05/06/2015	157	154299	4684
05/07/2015	158	154320	4684
05/07/2015	159	154321	4942
05/07/2015	160	154322	4990
05/07/2015	161	154323	4789
05/08/2015	162	154356	4684
05/08/2015	163	154357	4891
05/08/2015	164	154358	4990
05/08/2015	165	154359	3035
05/11/2015	166	154408	4789
05/11/2015	167	154409	4684
05/11/2015	168	154410	4577
05/11/2015	169	154411	4577
05/12/2015	170	152796	4577
05/12/2015	171	152797	4577
05/12/2015	172	152798	4520
05/12/2015	173	152799	4684
05/13/2015	174	152834	4684
05/13/2015	175	152835	4527
05/13/2015	176	152836	4684
05/13/2015	177	152837	4744
05/15/2015	178	152891	4736
05/15/2015	179	152892	4789
05/15/2015	180	152893	3283
05/18/2015	181	152946	4789
05/18/2015	182	152947	4891
05/18/2015	183	152948	4891
05/20/2015	184	153003	4891
05/20/2015	185	153004	4891
05/20/2015	186	153005	4941
05/20/2015	187	153006	4891
05/22/2015	188	153062	4891
05/22/2015	189	153063	4684
05/22/2015	190	153064	4008
05/26/2015	191	153117	4789
05/26/2015	192	153118	4789
05/26/2015	193	153119	4684
05/26/2015	194	153120	4891
05/29/2015	195	153214	4891
05/29/2015	196	153215	3406
06/02/2015	197	153306	4789
06/02/2015	198	153307	4791
06/02/2015	199	153308	4789
06/02/2015	200	153309	4684
06/05/2015	201	155303	4789
06/05/2015	202	155653	4789
06/05/2015	203	155290	4891
06/05/2015	204	155274	4577

Table 4.5

Wastewater Transportation Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Date	Load #	Bill of Lading #	Est. Volume (gallons)
06/08/2015	205	157252	4891
06/08/2015	206	157253	4840
06/12/2015	207	157372	4789
06/12/2015	208	157373	4891
06/12/2015	209	157374	4840
06/12/2015	210	157375	4577
06/17/2015	211	157490	4684
06/17/2015	212	157491	4840
06/18/2015	213	157292	4789
06/18/2015	214	157290	4840
06/18/2015	215	157269	1132
		Total Loads	215
		Total Volume Transferred to Durez North Tonawanda (gallons)	1,018,434

Table 4.6

Post-Treatment Groundwater Sampling Details
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample ID No.	Date Sampled	Tank Sampled
WT-85121-121614-JR-001	12/16/2014	TWWT Tank 10
WT-85121-010515-JR-002	01/05/2015	TWWT Tank 9
WT-85121-040815-WES-003	04/08/2015	TWWT Tank 9
WT-85121-040815-WES-004	04/08/2015	TWWT Tank 10
WT-85121-041015-WES-005	04/10/2015	TWWT Tank 9
WT-85121-041015-WES-006	04/10/2015	TWWT Tank 8
WT-85121-041115-WES-007	04/11/2015	TWWT Tank 11
WT-85121-041115-WES-008	04/11/2015	TWWT Tank 14
WT-85121-041315-WES-009	04/13/2015	TWWT Tank 10
WT-85121-041315-WES-010	04/13/2015	TWWT Tank 9
WT-85121-041315-WES-011	04/13/2015	TWWT Tank 13
WT-85121-041415-WES-012	04/14/2015	TWWT Tank 13
WT-85121-041515-WES-013	04/15/2015	TWWT Tank 8
WT-85121-041615-WES-014	04/16/2015	TWWT Tank 7
WT-85121-041615-WES-015	04/16/2015	TWWT Tank 11
WT-85121-041715-WES-016	04/17/2015	TWWT Tank 14
WT-85121-041715-WES-017	04/17/2015	TWWT Tank 10
WT-85121-041815-WES-018	04/18/2015	TWWT Tank 9
WT-85121-041915-WES-019	04/19/2015	TWWT Tank 7
WT-85121-041915-WES-020	04/19/2015	TWWT Tank 8
WT-85121-041915-WES-021	04/19/2015	TWWT Tank 12
WT-85121-042015-WES-022	04/20/2015	TWWT Tank 13
WT-85121-042015-WES-023	04/20/2015	TWWT Tank 11
WT-85121-04212015-RC-024	04/21/2015	TWWT Tank 14
WT-85121-042115-WES-025	04/21/2015	TWWT Tank 10
WT-85121-042215-RC-026	04/22/2015	TWWT Tank 9
WT-85121-042215-WES-027	04/22/2015	TWWT Tank 8
WT-85121-042315-RC-028	04/23/2015	TWWT Tank 7
WT-85121-042315-RC-029	04/23/2015	TWWT Tank 9
WT-85121-042415-RC-030	04/24/2015	TWWT Tank 11
WT-85121-042515-RC-031	04/25/2015	TWWT Tank 13
WT-85121-042715-RC-032	04/27/2015	TWWT Tank 11
WT-85121-042715-RC-033	04/27/2015	TWWT Tank 12
WT-85121-042715-RC-034	04/27/2015	TWWT Tank 14
WT-85121-042715-RC-035	04/27/2015	TWWT Tank 10
WT-85121-042815-RC-036	04/28/2015	TWWT Tank 8
WT-85121-042815-RC-037	04/28/2015	TWWT Tank 9
WT-85121-042815-RC-038	04/28/2015	TWWT Tank 7
WT-85121-042915-RC-039	04/29/2015	TWWT Tank 12
WT-85121-042915-RC-040	04/29/2015	TWWT Tank 11
WT-85121-043015-LP-041	04/30/2015	TWWT Tank 10
WT-85121-043015-CB-042	04/30/2015	TWWT Tank 9
WT-85121-050115-CB-043	05/01/2015	TWWT Tank 8
WT-85121-050415-WES-044	05/04/2015	TWWT Tank 7
WT-85121-050515-WES-045	05/05/2015	TWWT Tank 11
WT-85121-050515-WES-046	05/05/2015	TWWT Tank 10
WT-85121-050615-WES-047	05/06/2015	TWWT Tank 9
WT-85121-050715-WES-048	05/07/2015	TWWT Tank 8
WT-85121-050815-WES-049	05/08/2015	TWWT Tank 7
WT-85121-050815-WES-050	05/08/2015	TWWT Tank 11

Table 4.6

Post-Treatment Groundwater Sampling Details
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample ID No.	Date Sampled	Tank Sampled
WT-85121-051115-WES-051	05/11/2015	TWWT Tank 10
WT-85121-051215-WES-052	05/12/2015	TWWT Tank 9
WT-85121-051315-WES-053	05/13/2015	TWWT Tank 8
WT-85121-051415-WES-054	05/14/2015	TWWT Tank 7
WT-85121-051515-WES-055	05/15/2015	TWWT Tank 10
WT-85121-051815-WES-056	05/18/2015	TWWT Tank 11
WT-85121-051915-WES-057	05/19/2015	TWWT Tank 9
WT-85121-051915-WES-058	05/19/2015	TWWT Tank 8
WT-85121-052015-WES-059	05/20/2015	TWWT Tank 7
WT-85121-052215-WES-060	05/20/2015	TWWT Tank 10
WT-85121-052615-WES-061	05/26/2015	TWWT Tank 9
WT-85121-052815-WES-062	05/28/2015	TWWT Tank 8
WT-85121-052915-WES-063	05/29/2015	TWWT Tank 7
WT-85121-060115-WES-064	06/01/2015	TWWT Tank 10
WT-85121-060215-WES-065	06/02/2015	TWWT Tank 9
WT-85121-060515-WES-066	06/05/2015	TWWT Tank 8
WT-85121-060915-WES-067	06/09/2015	TWWT Tank 10
WT-85121-061015-WES-068	06/10/2015	TWWT Tank 9
WT-85121-061515-CE-069	06/15/2015	TWWT Tank 8
WT-85121-061715-CE-070	06/17/2015	TWWT Tank 7
WT-85121-061815-CE-071	06/18/2015	TWWT Tank 10
WT-85121-061915-JR-072	06/19/2015	TWWT Tank 9
WT-85121-062415-JR-073	06/24/2015	TWWT Tank 10
WT-85121-062615-CE-074	06/26/2015	TWWT Tank 9

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	Tank 13	Tank 9	TWWT Tank 9	TWWT Tank 10
		Sample ID:	WT-85121-121614-JR-001	WT-85121-010515-JR-002	WT-85121-040815-WES-003	WT-85121-040815-WES-004
		Sample Date:	12/16/2014	1/5/2015	4/8/2015	4/8/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
4,4'-DDE	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
4,4'-DDT	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Aldrin	µg/L	0.085	0.0012 U	0.0013 U	0.048 U	0.047 U
alpha-BHC	µg/L	131	0.0012 U	0.0013 U	0.018 J	0.017 J
beta-BHC	µg/L	70000	0.0012 U	0.0013 U	0.048 U	0.047 U
Chlordane	µg/L	0.066	0.012 U	0.012 U	0.48 U	0.47 U
delta-BHC	µg/L	11.1	0.0012 U	0.0013 U	0.017 J	0.016 J
Dieldrin	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Endosulfan I	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Endosulfan II	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Endosulfan sulfate	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Endrin	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Endrin aldehyde	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
gamma-BHC (lindane)	µg/L	0.034	0.0012 U	0.0013 U	0.048 U	0.047 U
Heptachlor	µg/L	0.281	0.0012 U	0.0013 U	0.048 U	0.047 U
Heptachlor epoxide	µg/L	-	0.0012 U	0.0013 U	0.048 U	0.047 U
Toxaphene	µg/L	-	0.048 U	0.049 U	0.48 U	0.47 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 9	TWWT Tank 8	TWWT Tank 11	TWWT Tank 14
		Sample ID:	WT-85121-041015-WES-005	WT-85121-041015-WES-006	WT-85121-041115-WES-007	WT-85121-041115-WES-008
		Sample Date:	4/10/2015	4/10/2015	4/11/2015	4/11/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
4,4'-DDE	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
4,4'-DDT	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Aldrin	µg/L	0.085	0.047 U	0.048 U	0.048 U	0.010 J
alpha-BHC	µg/L	131	0.047 U	0.048 U	0.081	0.051
beta-BHC	µg/L	70000	0.047 U	0.048 U	0.059	0.038 J
Chlordane	µg/L	0.066	0.47 U	0.48 U	0.48 U	0.49 U
delta-BHC	µg/L	11.1	0.047 U	0.014 J	0.017 J	0.014 J
Dieldrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan I	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan II	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan sulfate	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endrin aldehyde	µg/L	-	0.047 U	0.048 U	0.048 U	0.023 J
gamma-BHC (lindane)	µg/L	0.034	0.047 U	0.048 U	0.012 J	0.049 U
Heptachlor	µg/L	0.281	0.047 U	0.048 U	0.048 U	0.049 U
Heptachlor epoxide	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Toxaphene	µg/L	-	0.47 U	0.48 U	0.48 U	0.49 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 10	TWWT Tank 9	TWWT Tank 13	TWWT Tank 13
		Sample ID:	WT-85121-041315-WES-009	WT-85121-041315-WES-010	WT-85121-041415-WES-011	WT-85121-041415-WES-012
		Sample Date:	4/13/2015	4/13/2015	4/14/2015	4/14/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
4,4'-DDE	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
4,4'-DDT	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Aldrin	µg/L	0.085	0.015 J	0.014 J	0.014 J	0.012 J
alpha-BHC	µg/L	131	0.069	0.056	0.054	0.062
beta-BHC	µg/L	70000	0.034 J	0.049	0.040 J	0.048 U
Chlordane	µg/L	0.066	0.48 U	0.46 U	0.47 U	0.48 U
delta-BHC	µg/L	11.1	0.048 U	0.046 U	0.047 U	0.014 J
Dieldrin	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Endosulfan I	µg/L	-	0.048 U	0.046 U	0.059	0.24
Endosulfan II	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Endosulfan sulfate	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Endrin	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Endrin aldehyde	µg/L	-	0.048 U	0.046 U	0.047 U	0.084
gamma-BHC (lindane)	µg/L	0.034	0.048 U	0.013 J	0.047 U	0.013 J
Heptachlor	µg/L	0.281	0.048 U	0.046 U	0.047 U	0.014 J
Heptachlor epoxide	µg/L	-	0.048 U	0.046 U	0.047 U	0.048 U
Toxaphene	µg/L	-	0.48 U	0.46 U	0.47 U	0.48 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	**TWWT Tank 8**	**TWWT Tank 7**
		Sample ID:	**WT-85121-041515-WES-013**	**WT-85121-041615-WES-014**
		Sample Date:	**4/15/2015**	**4/16/2015**
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**		
Pesticides				
4,4'-DDD	µg/L	-	0.048 U	0.050 U
4,4'-DDE	µg/L	-	0.048 U	0.050 U
4,4'-DDT	µg/L	-	0.048 U	0.050 U
Aldrin	µg/L	0.085	0.016 J	0.016 J
alpha-BHC	µg/L	131	0.096	0.097
beta-BHC	µg/L	70000	0.059	0.059
Chlordane	µg/L	0.066	0.48 U	0.50 U
delta-BHC	µg/L	11.1	0.048 U	0.050 U
Dieldrin	µg/L	-	0.048 U	0.050 U
Endosulfan I	µg/L	-	0.048 U	0.050 U
Endosulfan II	µg/L	-	0.048 U	0.050 U
Endosulfan sulfate	µg/L	-	0.048 U	0.050 U
Endrin	µg/L	-	0.048 U	0.050 U
Endrin aldehyde	µg/L	-	0.048 U	0.021 J
gamma-BHC (lindane)	µg/L	0.034	0.012 J	0.013 J
Heptachlor	µg/L	0.281	0.048 U	0.050 U
Heptachlor epoxide	µg/L	-	0.048 U	0.050 U
Toxaphene	µg/L	-	0.48 U	0.50 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 11	TWWT Tank 14	TWWT Tank 10	TWWT Tank 9
		Sample ID:	WT-85121-041615-WES-015	WT-85121-041715-RC-016	WT-85121-041715-RC-017	WT-85121-041815-DJT-018
		Sample Date:	4/16/2015	4/17/2015	4/17/2015	4/18/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
4,4'-DDE	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
4,4'-DDT	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Aldrin	µg/L	0.085	0.047 U	0.032 J	0.045 J	0.042 J
alpha-BHC	µg/L	131	0.14	0.25	0.30	0.48
beta-BHC	µg/L	70000	0.077	0.12	0.15	0.22
Chlordane	µg/L	0.066	0.47 U	0.50 U	0.51 U	0.47 U
delta-BHC	µg/L	11.1	0.047 U	0.050 U	0.020 J	0.047 U
Dieldrin	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Endosulfan I	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Endosulfan II	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Endosulfan sulfate	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Endrin	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Endrin aldehyde	µg/L	-	0.047 U	0.050 U	0.030 J	0.047 U
gamma-BHC (lindane)	µg/L	0.034	0.047 U	0.017 J	0.025 J	0.021 J
Heptachlor	µg/L	0.281	0.047 U	0.050 U	0.051 U	0.029 J
Heptachlor epoxide	µg/L	-	0.047 U	0.050 U	0.051 U	0.047 U
Toxaphene	µg/L	-	0.47 U	0.50 U	0.51 U	0.47 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 7	TWWT Tank 8	TWWT Tank 12	TWWT Tank 13
		Sample ID:	WT-85121-041915-DJT-019	WT-85121-041915-DJT-020	WT-85121-041915-DJT-021	WT-85121-042015-RC-022
		Sample Date:	4/19/2015	4/19/2015	4/19/2015	4/20/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
4,4'-DDE	µg/L	-	0.013 J	0.048 U	0.048 U	0.050 U
4,4'-DDT	µg/L	-	0.048 U	0.048 U	0.048 U	0.011 J
Aldrin	µg/L	0.085	0.054	0.042 J	0.055	0.053
alpha-BHC	µg/L	131	0.61	0.45	0.66	0.65
beta-BHC	µg/L	70000	0.048 U	0.21	0.25	0.31
Chlordane	µg/L	0.066	0.48 U	0.48 U	0.48 U	0.50 U
delta-BHC	µg/L	11.1	0.021 J	0.048 U	0.029 J	0.038 J
Dieldrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Endosulfan I	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Endosulfan II	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Endosulfan sulfate	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Endrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Endrin aldehyde	µg/L	-	0.048 U	0.048 U	0.048	0.050 U
gamma-BHC (lindane)	µg/L	0.034	0.027 J	0.023 J	0.026 J	0.031 J
Heptachlor	µg/L	0.281	0.035 J	0.028 J	0.048 U	0.014 J
Heptachlor epoxide	µg/L	-	0.048 U	0.048 U	0.048 U	0.050 U
Toxaphene	µg/L	-	0.48 U	0.48 U	0.48 U	0.50 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 11	TWWT Tank 14	TWWT Tank 10	TWWT Tank 9
		Sample ID:	WT-85121-042015-WES-023	WT-85121-04212015-RC-024	WT-85121-042115-WES-025	WT-85121-042215-RC-026
		Sample Date:	4/20/2015	4/21/2015	4/21/2015	4/22/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
4,4'-DDE	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
4,4'-DDT	µg/L	-	0.010 J	0.048 U	0.048 U	0.052 U
Aldrin	µg/L	0.085	0.057	0.068	0.11	0.10
alpha-BHC	µg/L	131	0.75	0.92	1.4	1.4
beta-BHC	µg/L	70000	0.35	0.40	0.61	0.61
Chlordane	µg/L	0.066	0.47 U	0.48 U	0.48 U	0.52 U
delta-BHC	µg/L	11.1	0.035 J	0.043 J	0.051	0.057
Dieldrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Endosulfan I	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Endosulfan II	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Endosulfan sulfate	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Endrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Endrin aldehyde	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
gamma-BHC (lindane)	µg/L	0.034	0.031 J	**0.037 J**	**0.047 J**	**0.053**
Heptachlor	µg/L	0.281	0.013 J	0.016 J	0.023 J	0.028 J
Heptachlor epoxide	µg/L	-	0.047 U	0.048 U	0.048 U	0.052 U
Toxaphene	µg/L	-	0.47 U	0.48 U	0.48 U	0.52 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
[ ] - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 8	TWWT Tank 7	TWWT Tank 9
		Sample ID:	WT-85121-042215-WES-027	WT-85121-042315-RC-028	WT-85121-042315-RC-029
		Sample Date:	4/22/2015	4/23/2015	4/23/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**			
Pesticides					
4,4'-DDD	µg/L	-	0.24 U	0.049 U	0.26 U
4,4'-DDE	µg/L	-	0.24 U	0.049 U	0.26 U
4,4'-DDT	µg/L	-	0.24 U	0.049 U	0.26 U
Aldrin	µg/L	0.085	0.13 J	0.073	0.15 J
alpha-BHC	µg/L	131	1.7	0.97	1.8
beta-BHC	µg/L	70000	0.76	0.45	0.82
Chlordane	µg/L	0.066	2.4 U	0.49 U	2.6 U
delta-BHC	µg/L	11.1	0.093 J	0.042 J	0.26 U
Dieldrin	µg/L	-	0.24 U	0.049 U	0.26 U
Endosulfan I	µg/L	-	0.24 U	0.049 U	0.26 U
Endosulfan II	µg/L	-	0.24 U	0.049 U	0.26 U
Endosulfan sulfate	µg/L	-	0.24 U	0.049 U	0.26 U
Endrin	µg/L	-	0.24 U	0.049 U	0.26 U
Endrin aldehyde	µg/L	-	0.24 U	0.049 U	0.26 U
gamma-BHC (lindane)	µg/L	0.034	**0.081 J**	**0.039 J**	**0.092 J**
Heptachlor	µg/L	0.281	0.24 U	0.021 J	0.26 U
Heptachlor epoxide	µg/L	-	0.24 U	0.049 U	0.26 U
Toxaphene	µg/L	-	2.4 U	0.49 U	2.6 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 11	TWWT Tank 13	TWWT Tank 11	TWWT Tank 12
		Sample ID:	WT-85121-042415-RC-030	WT-85121-042515-RC-031	WT-85121-042715-RC-032	WT-85121-042715-RC-033
		Sample Date:	4/24/2015	4/25/2015	4/27/2015	4/27/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
4,4'-DDE	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
4,4'-DDT	µg/L	-	0.26 U	0.050 U	0.013 J	0.050 U
Aldrin	µg/L	0.085	0.26	0.050 U	0.012 J	0.050 U
alpha-BHC	µg/L	131	2.7	0.055	0.10	0.064
beta-BHC	µg/L	70000	1.4	0.050 U	0.056	0.031 J
Chlordane	µg/L	0.066	2.6 U	0.50 U	0.54 U	0.50 U
delta-BHC	µg/L	11.1	0.13 J	0.050 U	0.012 J	0.050 U
Dieldrin	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Endosulfan I	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Endosulfan II	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Endosulfan sulfate	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Endrin	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Endrin aldehyde	µg/L	-	0.26 U	0.050 U	0.054 U	0.023 J
gamma-BHC (lindane)	µg/L	0.034	**0.12 J**	0.050 U	0.011 J	0.050 U
Heptachlor	µg/L	0.281	0.26 U	0.050 U	0.054 U	0.050 U
Heptachlor epoxide	µg/L	-	0.26 U	0.050 U	0.054 U	0.050 U
Toxaphene	µg/L	-	2.6 U	0.50 U	0.54 U	0.50 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 14	TWWT Tank 10	TWWT Tank 8
		Sample ID:	WT-85121-042715-RC-034	WT-85121-042715-RC-035	WT-85121-042815-RC-036
		Sample Date:	4/27/2015	4/27/2015	4/28/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**			
Pesticides					
4,4'-DDD	µg/L	-	0.050 U	0.015 J	0.051 U
4,4'-DDE	µg/L	-	0.050 U	0.040 J	0.023 J
4,4'-DDT	µg/L	-	0.050 U	0.012 J	0.011 J
Aldrin	µg/L	0.085	0.012 J	0.023 J	0.024 J
alpha-BHC	µg/L	131	0.13	0.079	0.27
beta-BHC	µg/L	70000	0.062	0.068	0.13
Chlordane	µg/L	0.066	0.50 U	0.50 U	0.51 U
delta-BHC	µg/L	11.1	0.012 J	0.014 J	0.019 J
Dieldrin	µg/L	-	0.050 U	0.050 U	0.051 U
Endosulfan I	µg/L	-	0.050 U	0.050 U	0.051 U
Endosulfan II	µg/L	-	0.050 U	0.050 U	0.051 U
Endosulfan sulfate	µg/L	-	0.050 U	0.050 U	0.051 U
Endrin	µg/L	-	0.050 U	0.050 U	0.051 U
Endrin aldehyde	µg/L	-	0.050 U	0.050 U	0.051 U
gamma-BHC (lindane)	µg/L	0.034	0.012 J	0.014 J	0.018 J
Heptachlor	µg/L	0.281	0.050 U	0.050 U	0.051 U
Heptachlor epoxide	µg/L	-	0.050 U	0.050 U	0.051 U
Toxaphene	µg/L	-	0.50 U	0.50 U	0.51 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 9	TWWT Tank 7	TWWT Tank 12	TWWT Tank 11
		Sample ID:	WT-85121-042815-RC-037	WT-85121-042815-RC-038	WT-85121-042915-RC-039	WT-85121-042915-RC-040
		Sample Date:	4/28/2015	4/28/2015	4/29/2015	4/29/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.049 U	0.012 J	0.051 U	0.053 U
4,4'-DDE	µg/L	-	0.024 J	0.048 U	0.051 U	0.053 U
4,4'-DDT	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Aldrin	µg/L	0.085	0.049 U	0.027 J	0.051 U	0.053 U
alpha-BHC	µg/L	131	0.057	0.13	0.029 J	0.035 J
beta-BHC	µg/L	70000	0.029 J	0.087	0.037 J	0.050 J
Chlordane	µg/L	0.066	0.49 U	0.48 U	0.51 U	0.53 U
delta-BHC	µg/L	11.1	0.049 U	0.014 J	0.012 J	0.053 U
Dieldrin	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Endosulfan I	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Endosulfan II	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Endosulfan sulfate	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Endrin	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Endrin aldehyde	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
gamma-BHC (lindane)	µg/L	0.034	0.049 U	0.015 J	0.051 U	0.053 U
Heptachlor	µg/L	0.281	0.049 U	0.031 J	0.051 U	0.053 U
Heptachlor epoxide	µg/L	-	0.049 U	0.048 U	0.051 U	0.053 U
Toxaphene	µg/L	-	0.49 U	0.48 U	0.51 U	0.53 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 10	TWWT Tank 9	TWWT Tank 8
		Sample ID:	WT-85121-043015-LP-041	WT-85121-043015-CB-042	WT-85121-050115-CB-043
		Sample Date:	4/30/2015	4/30/2015	5/1/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**			
Pesticides					
4,4'-DDD	µg/L	-	0.024 J	0.048 U	0.050 U
4,4'-DDE	µg/L	-	0.072	0.048 U	0.050 U
4,4'-DDT	µg/L	-	0.031 J	0.048 U	0.050 U
Aldrin	µg/L	0.085	0.044 J	0.048 U	0.050 U
alpha-BHC	µg/L	131	0.067	0.048	0.044 J
beta-BHC	µg/L	70000	0.074	0.061	0.055
Chlordane	µg/L	0.066	0.50 U	0.48 U	0.50 U
delta-BHC	µg/L	11.1	0.026 J	0.048 U	0.050 U
Dieldrin	µg/L	-	0.018 J	0.048 U	0.050 U
Endosulfan I	µg/L	-	0.050 U	0.048 U	0.050 U
Endosulfan II	µg/L	-	0.050 U	0.048 U	0.050 U
Endosulfan sulfate	µg/L	-	0.020 J	0.048 U	0.050 U
Endrin	µg/L	-	0.016 J	0.048 U	0.050 U
Endrin aldehyde	µg/L	-	0.050 U	0.048 U	0.050 U
gamma-BHC (lindane)	µg/L	0.034	0.030 J	0.048 U	0.050 U
Heptachlor	µg/L	0.281	0.050 U	0.048 U	0.050 U
Heptachlor epoxide	µg/L	-	0.012 J	0.048 U	0.050 U
Toxaphene	µg/L	-	0.50 U	0.48 U	0.50 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 7	TWWT Tank 11	TWWT Tank 10	TWWT Tank 9
		Sample ID:	WT-85121-050415-WES-044	WT-85121-050515-WES-045	WT-85121-050515-WES-046	WT-85121-050615-WES-047
		Sample Date:	5/4/2015	5/5/2015	5/5/2015	5/6/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
4,4'-DDE	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
4,4'-DDT	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Aldrin	µg/L	0.085	0.031 J	0.048 U	0.048 U	0.049 U
alpha-BHC	µg/L	131	0.040 J	0.028 J	0.025 J	0.025 J
beta-BHC	µg/L	70000	0.045 J	0.025 J	0.032 J	0.049 U
Chlordane	µg/L	0.066	0.48 U	0.48 U	0.48 U	0.49 U
delta-BHC	µg/L	11.1	0.048 U	0.048 U	0.048 U	0.049 U
Dieldrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Endosulfan I	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Endosulfan II	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Endosulfan sulfate	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Endrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Endrin aldehyde	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
gamma-BHC (lindane)	µg/L	0.034	0.016 J	0.048 U	0.048 U	0.049 U
Heptachlor	µg/L	0.281	0.048 U	0.048 U	0.048 U	0.049 U
Heptachlor epoxide	µg/L	-	0.048 U	0.048 U	0.048 U	0.049 U
Toxaphene	µg/L	-	0.48 U	0.48 U	0.48 U	0.49 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 8	TWWT Tank 7	TWWT Tank 11	TWWT Tank 10
		Sample ID:	WT-85121-050715-WES-048	WT-85121-050815-WES-049	WT-85121-050815-WES-050	WT-85121-051115-WES-051
		Sample Date:	5/7/2015	5/8/2015	5/8/2015	5/11/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.047 U	0.048 U	0.048 U	0.011 J
4,4'-DDE	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
4,4'-DDT	µg/L	-	0.047 U	0.048 U	0.048 U	0.012 J
Aldrin	µg/L	0.085	0.012 J	0.017 J	0.014 J	0.061
alpha-BHC	µg/L	131	0.032 J	0.032 J	0.032 J	0.027 J
beta-BHC	µg/L	70000	0.034 J	0.048 U	0.043 J	0.044 J
Chlordane	µg/L	0.066	0.47 U	0.48 U	0.48 U	0.49 U
delta-BHC	µg/L	11.1	0.047 U	0.048 U	0.048 U	0.015 J
Dieldrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan I	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan II	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endosulfan sulfate	µg/L	-	0.047 U	0.018 J	0.048 U	0.049 U
Endrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Endrin aldehyde	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
gamma-BHC (lindane)	µg/L	0.034	0.047 U	0.048 U	0.048 U	0.049 U
Heptachlor	µg/L	0.281	0.047 U	0.048 U	0.048 U	0.049 U
Heptachlor epoxide	µg/L	-	0.047 U	0.048 U	0.048 U	0.049 U
Toxaphene	µg/L	-	0.47 U	0.48 U	0.48 U	0.49 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
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Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 9	TWWT Tank 8	TWWT Tank 7	TWWT Tank 10
		Sample ID:	WT-85121-051215-WES-052	WT-85121-051315-WES-053	WT-85121-051415-WES-054	WT-85121-051515-WES-055
		Sample Date:	5/12/2015	5/13/2015	5/14/2015	5/15/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.0097 J	0.048 U	0.048 U	0.048 U
4,4'-DDE	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
4,4'-DDT	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Aldrin	µg/L	0.085	0.032 J	0.040 J	0.041 J	0.048 U
alpha-BHC	µg/L	131	0.025 J	0.047 J	0.15	0.25
beta-BHC	µg/L	70000	0.048 U	0.055	0.11	0.21
Chlordane	µg/L	0.066	0.48 U	0.48 U	0.48 U	0.48 U
delta-BHC	µg/L	11.1	0.048 U	0.048 U	0.048 U	0.011 J
Dieldrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Endosulfan I	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Endosulfan II	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Endosulfan sulfate	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Endrin	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Endrin aldehyde	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
gamma-BHC (lindane)	µg/L	0.034	0.048 U	0.048 U	0.0098 J	0.014 J
Heptachlor	µg/L	0.281	0.048 U	0.048 U	0.048 U	0.048 U
Heptachlor epoxide	µg/L	-	0.048 U	0.048 U	0.048 U	0.048 U
Toxaphene	µg/L	-	0.48 U	0.48 U	0.48 U	0.48 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
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Niagara Sanitation
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		Sample Location:	TWWT Tank 11	TWWT Tank 9	TWWT Tank 8	TWWT Tank 7
		Sample ID:	WT-85121-051815-WES-056	WT-85121-051915-WES-057	WT-85121-051915-WES-058	WT-85121-052015-WES-059
		Sample Date:	5/18/2015	5/19/2015	5/19/2015	5/20/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
4,4'-DDE	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
4,4'-DDT	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Aldrin	µg/L	0.085	0.044 J	0.064	0.038 J	0.038 J
alpha-BHC	µg/L	131	0.22	0.44	0.24	0.38
beta-BHC	µg/L	70000	0.19	0.30	0.18	0.22
Chlordane	µg/L	0.066	0.48 U	0.48 U	0.49 U	0.50 U
delta-BHC	µg/L	11.1	0.048 U	0.021 J	0.017 J	0.050 U
Dieldrin	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Endosulfan I	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Endosulfan II	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Endosulfan sulfate	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Endrin	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
Endrin aldehyde	µg/L	-	0.048 U	0.048 U	0.049 U	0.050 U
gamma-BHC (lindane)	µg/L	0.034	0.013 J	0.019 J	**0.045 J**	0.023 J
Heptachlor	µg/L	0.281	0.048 U	0.013 J	0.049 U	0.018 J
Heptachlor epoxide	µg/L	-	0.048 U	0.048 U	0.049 U	0.10
Toxaphene	µg/L	-	0.48 U	0.48 U	0.49 U	0.50 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 10	TWWT Tank 9	TWWT Tank 8	TWWT Tank 7
		Sample ID:	WT-85121-052215-WES-060	WT-85121-052615-WES-061	WT-85121-052815-WES-062	WT-85121-052915-WES-063
		Sample Date:	5/22/2015	5/26/2015	5/28/2015	5/29/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.048 U	0.048 U	0.053 U	0.0098 J
4,4'-DDE	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
4,4'-DDT	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Aldrin	µg/L	0.085	0.016 J	0.036 J	0.036 J	0.015 J
alpha-BHC	µg/L	131	0.044 J	0.15	0.14	0.070
beta-BHC	µg/L	70000	0.048 U	0.048 U	0.14	0.061
Chlordane	µg/L	0.066	0.48 U	0.48 U	0.53 U	0.49 U
delta-BHC	µg/L	11.1	0.013 J	0.016 J	0.053 U	0.049 U
Dieldrin	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Endosulfan I	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Endosulfan II	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Endosulfan sulfate	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Endrin	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Endrin aldehyde	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
gamma-BHC (lindane)	µg/L	0.034	0.048 U	0.012 J	0.012 J	0.049 U
Heptachlor	µg/L	0.281	0.048 U	0.020 J	0.053 U	0.049 U
Heptachlor epoxide	µg/L	-	0.048 U	0.048 U	0.053 U	0.049 U
Toxaphene	µg/L	-	0.48 U	0.48 U	0.53 U	0.49 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 10	TWWT Tank 9	TWWT Tank 8	TWWT Tank 10
		Sample ID:	WT-85121-060115-WES-064	WT-85121-060215-WES-065	WT-85121-060515-WES-066	WT-85121-060915-WES-067
		Sample Date:	6/1/2015	6/2/2015	6/5/2015	6/9/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
4,4'-DDE	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
4,4'-DDT	µg/L	-	0.012 J	0.048 U	0.048 U	0.099 U
Aldrin	µg/L	0.085	0.0099 J	0.057	**0.11**	**0.47**
alpha-BHC	µg/L	131	0.042 J	0.39	0.56	0.83
beta-BHC	µg/L	70000	0.030 J	0.28	0.32	0.90
Chlordane	µg/L	0.066	0.47 U	0.48 U	0.48 U	0.99 U
delta-BHC	µg/L	11.1	0.047 U	0.020 J	0.018 J	0.049 J
Dieldrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Endosulfan I	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Endosulfan II	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Endosulfan sulfate	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Endrin	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Endrin aldehyde	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
gamma-BHC (lindane)	µg/L	0.034	0.047 U	0.018 J	0.031 J	**0.056 J**
Heptachlor	µg/L	0.281	0.047 U	0.011 J	0.048 U	0.051 J
Heptachlor epoxide	µg/L	-	0.047 U	0.048 U	0.048 U	0.099 U
Toxaphene	µg/L	-	0.47 U	0.48 U	0.48 U	0.99 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 9	TWWT Tank 8	TWWT Tank 7	TWWT Tank 10
		Sample ID:	WT-85121-061015-WES-068	WT-85121-061515-CE-069	WT-85121-061715-CE-070	WT-85121-061815-CE-071
		Sample Date:	6/10/2015	6/15/2015	6/17/2015	6/18/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**				
Pesticides						
4,4'-DDD	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
4,4'-DDE	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
4,4'-DDT	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Aldrin	µg/L	0.085	0.024 J	0.058	0.017 J	0.066
alpha-BHC	µg/L	131	0.075	0.30	0.070	0.19
beta-BHC	µg/L	70000	0.056	0.11	0.055	0.18
Chlordane	µg/L	0.066	0.49 U	0.49 U	0.47 U	0.49 U
delta-BHC	µg/L	11.1	0.049 U	0.049 U	0.012 J	0.017 J
Dieldrin	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Endosulfan I	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Endosulfan II	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Endosulfan sulfate	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Endrin	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Endrin aldehyde	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
gamma-BHC (lindane)	µg/L	0.034	0.010 J	0.021 J	0.047 U	0.017 J
Heptachlor	µg/L	0.281	0.049 U	0.049 U	0.047 U	0.054
Heptachlor epoxide	µg/L	-	0.049 U	0.049 U	0.047 U	0.049 U
Toxaphene	µg/L	-	0.49 U	0.49 U	0.47 U	0.49 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.7

Confirmatory Wastewater Sampling
Analytical Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

		Sample Location:	TWWT Tank 9	TWWT Tank 10	TWWT Tank 9
		Sample ID:	WT-85121-061915-JR-072	WT-85121-062415-JR-073	WT-85121-062615-CE-074
		Sample Date:	6/19/2015	6/24/2015	6/26/2015
Parameters	**Units**	**NYSDEC-approved Threshold Values (µg/L)**			
Pesticides					
4,4'-DDD	µg/L	-	0.11 U	0.049 U	0.048 U
4,4'-DDE	µg/L	-	0.15	0.049 U	0.017 J
4,4'-DDT	µg/L	-	0.11 U	0.049 U	0.048 U
Aldrin	µg/L	0.085	**0.25**	0.026 J	0.054
alpha-BHC	µg/L	131	0.44	0.074	0.15
beta-BHC	µg/L	70000	0.23	0.041 J	0.083
Chlordane	µg/L	0.066	1.1 U	0.49 U	0.48 U
delta-BHC	µg/L	11.1	0.061 J	0.049 U	0.026 J
Dieldrin	µg/L	-	0.11 U	0.049 U	0.048 U
Endosulfan I	µg/L	-	0.11 U	0.049 U	0.048 U
Endosulfan II	µg/L	-	0.11 U	0.049 U	0.048 U
Endosulfan sulfate	µg/L	-	0.11 U	0.049 U	0.048 U
Endrin	µg/L	-	0.11 U	0.049 U	0.048 U
Endrin aldehyde	µg/L	-	0.11 U	0.049 U	0.048 U
gamma-BHC (lindane)	µg/L	0.034	**0.075 J**	0.049 U	0.048 U
Heptachlor	µg/L	0.281	0.11 U	0.049 U	0.048 U
Heptachlor epoxide	µg/L	-	0.082 J	0.049 U	0.048 U
Toxaphene	µg/L	-	1.1 U	0.49 U	0.48 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
 - Parameter detected above the Threshold Value
µg/L - Micrograms per liter

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/kg	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-
2-Hexanone	µg/kg	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-
Acetone	µg/kg	-	-	-
Benzene	µg/kg	-	-	-
Bromodichloromethane	µg/kg	-	-	-
Bromoform	µg/kg	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-
Carbon disulfide	µg/kg	-	-	-
Carbon tetrachloride	µg/kg	-	-	-
Chlorobenzene	µg/kg	-	-	-
Chloroethane	µg/kg	-	-	-
Chloroform (Trichloromethane)	µg/kg	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-
Cyclohexane	µg/kg	-	-	-
Dibromochloromethane	µg/kg	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-
Ethylbenzene	µg/kg	-	-	-
Isopropyl benzene	µg/kg	-	-	-
Methyl acetate	µg/kg	-	-	-
Methyl cyclohexane	µg/kg	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-
Methylene chloride	µg/kg	-	-	-
Styrene	µg/kg	-	-	-
Tetrachloroethene	µg/kg	-	-	-
Toluene	µg/kg	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-
Trichloroethene	µg/kg	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-
Vinyl chloride	µg/kg	-	-	-
Xylenes (total)	µg/kg	-	-	-
VOCs - TCLP				
1,1,1-Trichloroethane	mg/L	0.010 U	0.010 U	0.010 U
1,1,2,2-Tetrachloroethane	mg/L	0.010 U	0.010 U	0.010 U
1,1,2-Trichloroethane	mg/L	0.010 U	0.010 U	0.010 U
1,1-Dichloroethane	mg/L	0.010 U	0.010 U	0.010 U

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
VOCs - TCLP-continued				
1,1-Dichloroethene	mg/L	0.010 U	0.010 U	0.010 U
1,2,4-Trichlorobenzene	mg/L	0.010 U	0.010 U	0.010 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.010 U	0.010 U	0.010 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.010 U	0.010 U	0.010 U
1,2-Dichlorobenzene	mg/L	0.010 U	0.010 U	0.010 U
1,2-Dichloroethane	mg/L	0.010 U	0.010 U	0.010 U
1,2-Dichloropropane	mg/L	0.010 U	0.010 U	0.010 U
1,3-Dichlorobenzene	mg/L	0.010 U	0.010 U	0.010 U
1,4-Dichlorobenzene	mg/L	0.010 U	0.010 U	0.010 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.050 U	0.050 U	0.050 U
2-Hexanone	mg/L	0.050 U	0.050 U	0.050 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.050 U	0.050 U	0.050 U
Acetone	mg/L	0.050 U	0.050 U	0.050 U
Benzene	mg/L	0.010 U	0.010 U	0.010 U
Bromodichloromethane	mg/L	0.010 U	0.010 U	0.010 U
Bromoform	mg/L	0.010 U	0.010 U	0.010 U
Bromomethane (Methyl bromide)	mg/L	0.010 U	0.010 U	0.010 U
Carbon disulfide	mg/L	0.010 U	0.010 U	0.010 U
Carbon tetrachloride	mg/L	0.010 U	0.010 U	0.010 U
Chlorobenzene	mg/L	0.010 U	0.010 U	0.010 U
Chloroethane	mg/L	0.010 U	0.010 U	0.010 U
Chloroform (Trichloromethane)	mg/L	0.010 U	0.010 U	0.010 U
Chloromethane (Methyl chloride)	mg/L	0.010 U	0.010 U	0.010 U
cis-1,2-Dichloroethene	mg/L	0.010 U	0.010 U	0.010 U
cis-1,3-Dichloropropene	mg/L	0.010 U	0.010 U	0.010 U
Cyclohexane	mg/L	0.010 U	0.010 U	0.010 U
Dibromochloromethane	mg/L	0.010 U	0.010 U	0.010 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.010 U	0.010 U	0.010 U
Ethylbenzene	mg/L	0.010 U	0.010 U	0.010 U
Isopropyl benzene	mg/L	0.010 U	0.010 U	0.010 U
Methyl acetate	mg/L	0.010 U	0.010 U	0.010 U
Methyl cyclohexane	mg/L	0.010 U	0.010 U	0.010 U
Methyl tert butyl ether (MTBE)	mg/L	0.010 U	0.010 U	0.010 U
Methylene chloride	mg/L	0.010 U	0.010 U	0.010 U
Styrene	mg/L	0.010 U	0.010 U	0.010 U
Tetrachloroethene	mg/L	0.010 U	0.010 U	0.010 U
Toluene	mg/L	0.010 U	0.010 U	0.010 U
trans-1,2-Dichloroethene	mg/L	0.010 U	0.010 U	0.010 U
trans-1,3-Dichloropropene	mg/L	0.010 U	0.010 U	0.010 U
Trichloroethene	mg/L	0.010 U	0.010 U	0.010 U
Trichlorofluoromethane (CFC-11)	mg/L	0.010 U	0.010 U	0.010 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.010 U	0.010 U	0.010 U
Vinyl chloride	mg/L	0.010 U	0.010 U	0.010 U
Xylenes (total)	mg/L	0.020 U	0.020 U	0.020 U
Semi-volatile Organic Compounds (SVOCs)				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-
2,4-Dichlorophenol	µg/kg	-	-	-
2,4-Dimethylphenol	µg/kg	-	-	-
2,4-Dinitrophenol	µg/kg	-	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
SVOCs-continued				
2-Chloronaphthalene	µg/kg	-	-	-
2-Chlorophenol	µg/kg	-	-	-
2-Methylnaphthalene	µg/kg	-	-	-
2-Methylphenol	µg/kg	-	-	-
2-Nitroaniline	µg/kg	-	-	-
2-Nitrophenol	µg/kg	-	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-
3-Nitroaniline	µg/kg	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-
4-Chloroaniline	µg/kg	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-
4-Methylphenol	µg/kg	-	-	-
4-Nitroaniline	µg/kg	-	-	-
4-Nitrophenol	µg/kg	-	-	-
Acenaphthene	µg/kg	-	-	-
Acenaphthylene	µg/kg	-	-	-
Acetophenone	µg/kg	-	-	-
Anthracene	µg/kg	-	-	-
Atrazine	µg/kg	-	-	-
Benzaldehyde	µg/kg	-	-	-
Benzo(a)anthracene	µg/kg	-	-	-
Benzo(a)pyrene	µg/kg	-	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-
Benzo(g,h,i)perylene	µg/kg	-	-	-
Benzo(k)fluoranthene	µg/kg	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-
Caprolactam	µg/kg	-	-	-
Carbazole	µg/kg	-	-	-
Chrysene	µg/kg	-	-	-
Dibenz(a,h)anthracene	µg/kg	-	-	-
Dibenzofuran	µg/kg	-	-	-
Diethyl phthalate	µg/kg	-	-	-
Dimethyl phthalate	µg/kg	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-
Fluoranthene	µg/kg	-	-	-
Fluorene	µg/kg	-	-	-
Hexachlorobenzene	µg/kg	-	-	-
Hexachlorobutadiene	µg/kg	-	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-
Hexachloroethane	µg/kg	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-
Isophorone	µg/kg	-	-	-
Naphthalene	µg/kg	-	-	-
Nitrobenzene	µg/kg	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-
Pentachlorophenol	µg/kg	-	-	-

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
SVOCs-continued				
Phenanthrene	µg/kg	-	-	-
Phenol	µg/kg	-	-	-
Pyrene	µg/kg	-	-	-
SVOCs - TCLP				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.0050 U	0.0050 U	0.0050 U
2,4,5-Trichlorophenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2,4,6-Trichlorophenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2,4-Dichlorophenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2,4-Dimethylphenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2,4-Dinitrophenol	mg/L	0.010 U	0.010 U	0.010 U
2,4-Dinitrotoluene	mg/L	0.0050 U	0.0050 U	0.0050 U
2,6-Dinitrotoluene	mg/L	0.0050 U	0.0050 U	0.0050 U
2-Chloronaphthalene	mg/L	0.0050 U	0.0050 U	0.0050 U
2-Chlorophenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2-Methylnaphthalene	mg/L	0.0050 U	0.0050 U	0.0050 U
2-Methylphenol	mg/L	0.0050 U	0.0050 U	0.0050 U
2-Nitroaniline	mg/L	0.010 U	0.010 U	0.010 U
2-Nitrophenol	mg/L	0.0050 U	0.0050 U	0.0050 U
3,3'-Dichlorobenzidine	mg/L	0.0050 U	0.0050 U	0.0050 U
3-Nitroaniline	mg/L	0.010 U	0.010 U	0.010 U
4,6-Dinitro-2-methylphenol	mg/L	0.010 U	0.010 U	0.010 U
4-Bromophenyl phenyl ether	mg/L	0.0050 U	0.0050 U	0.0050 U
4-Chloro-3-methylphenol	mg/L	0.0050 U	0.0050 U	0.0050 U
4-Chloroaniline	mg/L	0.0050 U	0.0050 U	0.0050 U
4-Chlorophenyl phenyl ether	mg/L	0.0050 U	0.0050 U	0.0050 U
4-Methylphenol	mg/L	0.010 U	0.010 U	0.010 U
4-Nitroaniline	mg/L	0.010 U	0.010 U	0.010 U
4-Nitrophenol	mg/L	0.010 U	0.010 U	0.010 U
Acenaphthene	mg/L	0.0050 U	0.0050 U	0.0050 U
Acenaphthylene	mg/L	0.0050 U	0.0050 U	0.0050 U
Acetophenone	mg/L	0.0050 U	0.0050 U	0.0050 U
Anthracene	mg/L	0.0050 U	0.0050 U	0.0050 U
Atrazine	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzaldehyde	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzo(a)anthracene	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzo(a)pyrene	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzo(b)fluoranthene	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzo(g,h,i)perylene	mg/L	0.0050 U	0.0050 U	0.0050 U
Benzo(k)fluoranthene	mg/L	0.0050 U	0.0050 U	0.0050 U
Biphenyl (1,1-Biphenyl)	mg/L	0.0050 U	0.0050 U	0.0050 U
bis(2-Chloroethoxy)methane	mg/L	0.0050 U	0.0050 U	0.0050 U
bis(2-Chloroethyl)ether	mg/L	0.0050 U	0.0050 U	0.0050 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.0050 U	0.0050 U	0.0050 U
Butyl benzylphthalate (BBP)	mg/L	0.0050 U	0.0050 U	0.0050 U
Caprolactam	mg/L	0.0050 U	0.0050 U	0.0050 U
Carbazole	mg/L	0.0050 U	0.0050 U	0.0050 U
Chrysene	mg/L	0.0050 U	0.0050 U	0.0050 U
Dibenz(a,h)anthracene	mg/L	0.0050 U	0.0050 U	0.0050 U
Dibenzofuran	mg/L	0.010 U	0.010 U	0.010 U
Diethyl phthalate	mg/L	0.0050 U	0.0050 U	0.0050 U
Dimethyl phthalate	mg/L	0.0050 U	0.0050 U	0.0050 U
Di-n-butylphthalate (DBP)	mg/L	0.0050 U	0.0039 J	0.0019 J
Di-n-octyl phthalate (DnOP)	mg/L	0.0050 U	0.0050 U	0.0050 U

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
SVOCs - TCLP-continued				
Fluoranthene	mg/L	0.0050 U	0.0050 U	0.0050 U
Fluorene	mg/L	0.0050 U	0.0050 U	0.0050 U
Hexachlorobenzene	mg/L	0.0050 U	0.0050 U	0.0050 U
Hexachlorobutadiene	mg/L	0.0050 U	0.0050 U	0.0050 U
Hexachlorocyclopentadiene	mg/L	0.0050 U	0.0050 U	0.0050 U
Hexachloroethane	mg/L	0.0050 U	0.0050 U	0.0050 U
Indeno(1,2,3-cd)pyrene	mg/L	0.0050 U	0.0050 U	0.0050 U
Isophorone	mg/L	0.0050 U	0.0050 U	0.0050 U
Naphthalene	mg/L	0.0050 U	0.0050 U	0.0050 U
Nitrobenzene	mg/L	0.0050 U	0.0050 U	0.0050 U
N-Nitrosodi-n-propylamine	mg/L	0.0050 U	0.0050 U	0.0050 U
N-Nitrosodiphenylamine	mg/L	0.0050 U	0.0050 U	0.0050 U
Pentachlorophenol	mg/L	0.010 U	0.010 U	0.010 U
Phenanthrene	mg/L	0.0050 U	0.0050 U	0.0050 U
Phenol	mg/L	0.0050 U	0.0050 U	0.0050 U
Pyrene	mg/L	0.0050 U	0.0050 U	0.0050 U
Pyridine	mg/L	0.025 U	0.025 U	0.025 U
Metals				
Aluminum	mg/kg	-	3140	-
Antimony	mg/kg	-	15.1 U	-
Arsenic	mg/kg	-	2.4	-
Barium	mg/kg	-	124	-
Beryllium	mg/kg	-	1.4	-
Cadmium	mg/kg	-	0.30	-
Calcium	mg/kg	-	9700	-
Chromium	mg/kg	-	6.9	-
Cobalt	mg/kg	-	8.1	-
Copper	mg/kg	-	27.7	-
Iron	mg/kg	-	1750	-
Lead	mg/kg	-	0.78 J	-
Magnesium	mg/kg	-	607	-
Manganese	mg/kg	-	1070	-
Mercury	mg/kg	-	0.019 U	-
Nickel	mg/kg	-	29.8	-
Potassium	mg/kg	-	135	-
Selenium	mg/kg	-	4.0 U	-
Silver	mg/kg	-	0.61 U	-
Sodium	mg/kg	-	137 J	-
Thallium	mg/kg	-	6.1 U	-
Vanadium	mg/kg	-	18.0	-
Zinc	mg/kg	-	38.1	-
Metals - TCLP				
Arsenic	mg/L	0.015 U	0.015 U	0.0056 J
Barium	mg/L	2.8	1.4	1.8
Cadmium	mg/L	0.0020 U	0.0020	0.0020
Chromium	mg/L	0.020 U	0.020 U	0.020 U
Lead	mg/L	0.0035 J	0.0052 J	0.0057 J
Mercury	mg/L	0.00020 U	0.00020 U	0.00020 U
Selenium	mg/L	0.010 J	0.025 U	0.025 U
Silver	mg/L	0.0060 U	0.0060 U	0.0060 U

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
Pesticides				
4,4'-DDD	µg/kg	-	-	-
4,4'-DDE	µg/kg	-	-	-
4,4'-DDT	µg/kg	-	-	-
Aldrin	µg/kg	-	-	-
alpha-BHC	µg/kg	-	-	-
alpha-Chlordane	µg/kg	-	-	-
beta-BHC	µg/kg	-	-	-
delta-BHC	µg/kg	-	-	-
Dieldrin	µg/kg	-	-	-
Endosulfan I	µg/kg	-	-	-
Endosulfan II	µg/kg	-	-	-
Endosulfan sulfate	µg/kg	-	-	-
Endrin	µg/kg	-	-	-
Endrin aldehyde	µg/kg	-	-	-
Endrin ketone	µg/kg	-	-	-
gamma-BHC (lindane)	µg/kg	-	-	-
gamma-Chlordane	µg/kg	-	-	-
Heptachlor	µg/kg	-	-	-
Heptachlor epoxide	µg/kg	-	-	-
Methoxychlor	µg/kg	-	-	-
Toxaphene	µg/kg	-	-	-
Pesticides - TCLP				
4,4'-DDD	mg/L	0.00020 U	0.00020 U	0.00020 U
4,4'-DDE	mg/L	0.00020 U	0.00020 U	0.00020 U
4,4'-DDT	mg/L	0.00020 U	0.00020 U	0.00020 U
Aldrin	mg/L	0.00020 U	0.00020 U	0.00020 U
alpha-BHC	mg/L	0.00014 J	0.000092 J	0.000073 J
alpha-Chlordane	mg/L	0.00020 U	0.00020 U	0.00020 U
beta-BHC	mg/L	0.000099 J	0.000057 J	0.00020 U
delta-BHC	mg/L	0.00020 U	0.00020 U	0.00020 U
Dieldrin	mg/L	0.00020 U	0.00020 U	0.00020 U
Endosulfan I	mg/L	0.00020 U	0.00020 U	0.00020 U
Endosulfan II	mg/L	0.00020 U	0.00020 U	0.00020 U
Endosulfan sulfate	mg/L	0.00020 U	0.00020 U	0.00020 U
Endrin	mg/L	0.00020 U	0.00020 U	0.00020 U
Endrin aldehyde	mg/L	0.00020 U	0.00020 U	0.000059 J
Endrin ketone	mg/L	0.00020 U	0.00020 U	0.00020 U
gamma-BHC (lindane)	mg/L	0.00020 U	0.00020 U	0.00020 U
gamma-Chlordane	mg/L	0.00020 U	0.00020 U	0.00020 U
Heptachlor	mg/L	0.00020 U	0.00020 U	0.00020 U
Heptachlor epoxide	mg/L	0.00020 U	0.00020 U	0.00020 U
Methoxychlor	mg/L	0.00020 U	0.00020 U	0.00020 U
Toxaphene	mg/L	0.0020 U	0.0020 U	0.0020 U
Herbicides				
2,4,5-TP (Silvex)	µg/kg	-	-	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/kg	-	-	-
Herbicides - TCLP				
2,4,5-TP (Silvex)	mg/L	0.0020 U	0.010 U	0.010 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L	0.0020 U	0.010 U	0.010 U

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-001	S-85121-062315-JR-002	S-85121-062315-JR-003
	Sample Date:	6/23/2015	6/23/2015	6/23/2015
	Contents:	Durez NT - Solid/Sediment	Durez NT - Carbon	Durez NT - Carbon
Parameters	**Units**			
General Chemistry				
Ignitability	Deg F	> 176.0	> 176.0	> 176.0
pH, lab	s.u.	10.6	7.04	7.04
Reactive cyanide	mg/kg	10 U	10 U	10 U
Reactive sulfide	mg/kg	10 U	10 U	10 U

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
- - Not analyzed
µg/kg - Micrograms per kilogram
mg/L - Milligrams per liter
mg/kg - Milligrams per kilogram
s.u. - Standard Unit
Deg F - Degree Fahrenheit
TCLP - Toxicity Characteristic Leaching Procedure

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**Waste Drum**	**Waste Drum**
Sample ID:		**S-85121-062315-JR-004**	**S-85121-070915-JR-001**
Sample Date:		**6/23/2015**	**7/9/2015**
Contents:		**Nash Road - Solid/Sediment**	**Durez NT - Carbon**
Parameters	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/kg	-	7.8 U
1,1,2,2-Tetrachloroethane	µg/kg	-	7.8 U
1,1,2-Trichloroethane	µg/kg	-	7.8 U
1,1-Dichloroethane	µg/kg	-	7.8 U
1,1-Dichloroethene	µg/kg	-	7.8 U
1,2,4-Trichlorobenzene	µg/kg	-	7.8 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	7.8 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	7.8 U
1,2-Dichlorobenzene	µg/kg	-	7.8 U
1,2-Dichloroethane	µg/kg	-	7.8 U
1,2-Dichloropropane	µg/kg	-	7.8 U
1,3-Dichlorobenzene	µg/kg	-	7.8 U
1,4-Dichlorobenzene	µg/kg	-	7.8 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	39 U
2-Hexanone	µg/kg	-	39 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	39 U
Acetone	µg/kg	-	39 U
Benzene	µg/kg	-	7.8 U
Bromodichloromethane	µg/kg	-	7.8 U
Bromoform	µg/kg	-	7.8 U
Bromomethane (Methyl bromide)	µg/kg	-	7.8 U
Carbon disulfide	µg/kg	-	7.8 U
Carbon tetrachloride	µg/kg	-	7.8 U
Chlorobenzene	µg/kg	-	7.8 U
Chloroethane	µg/kg	-	7.8 U
Chloroform (Trichloromethane)	µg/kg	-	0.79 J
Chloromethane (Methyl chloride)	µg/kg	-	7.8 U
cis-1,2-Dichloroethene	µg/kg	-	7.8 U
cis-1,3-Dichloropropene	µg/kg	-	7.8 U
Cyclohexane	µg/kg	-	7.8 U
Dibromochloromethane	µg/kg	-	7.8 U
Dichlorodifluoromethane (CFC-12)	µg/kg	-	7.8 U
Ethylbenzene	µg/kg	-	7.8 U
Isopropyl benzene	µg/kg	-	7.8 U
Methyl acetate	µg/kg	-	7.8 U
Methyl cyclohexane	µg/kg	-	7.8 U
Methyl tert butyl ether (MTBE)	µg/kg	-	7.8 U
Methylene chloride	µg/kg	-	7.8 U
Styrene	µg/kg	-	7.8 U
Tetrachloroethene	µg/kg	-	7.8 U
Toluene	µg/kg	-	2.6 J
trans-1,2-Dichloroethene	µg/kg	-	7.8 U
trans-1,3-Dichloropropene	µg/kg	-	7.8 U
Trichloroethene	µg/kg	-	7.8 U
Trichlorofluoromethane (CFC-11)	µg/kg	-	7.8 U
Trifluorotrichloroethane (Freon 113)	µg/kg	-	7.8 U
Vinyl chloride	µg/kg	-	7.8 U
Xylenes (total)	µg/kg	-	16 U
VOCs - TCLP			
1,1,1-Trichloroethane	mg/L	0.010 U	-
1,1,2,2-Tetrachloroethane	mg/L	0.010 U	-
1,1,2-Trichloroethane	mg/L	0.010 U	-
1,1-Dichloroethane	mg/L	0.010 U	-

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**Waste Drum**	**Waste Drum**
Sample ID:		**S-85121-062315-JR-004**	**S-85121-070915-JR-001**
Sample Date:		**6/23/2015**	**7/9/2015**
Contents:		**Nash Road - Solid/Sediment**	**Durez NT - Carbon**
Parameters	**Units**		
VOCs - TCLP-continued			
1,1-Dichloroethene	mg/L	0.010 U	-
1,2,4-Trichlorobenzene	mg/L	0.029	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.010 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.010 U	-
1,2-Dichlorobenzene	mg/L	0.18	-
1,2-Dichloroethane	mg/L	0.010 U	-
1,2-Dichloropropane	mg/L	0.010 U	-
1,3-Dichlorobenzene	mg/L	0.010 U	-
1,4-Dichlorobenzene	mg/L	0.71	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.050 U	-
2-Hexanone	mg/L	0.050 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.050 U	-
Acetone	mg/L	0.050 U	-
Benzene	mg/L	0.025	-
Bromodichloromethane	mg/L	0.010 U	-
Bromoform	mg/L	0.010 U	-
Bromomethane (Methyl bromide)	mg/L	0.010 U	-
Carbon disulfide	mg/L	0.010 U	-
Carbon tetrachloride	mg/L	0.010 U	-
Chlorobenzene	mg/L	0.13	-
Chloroethane	mg/L	0.010 U	-
Chloroform (Trichloromethane)	mg/L	0.010 U	-
Chloromethane (Methyl chloride)	mg/L	0.010 U	-
cis-1,2-Dichloroethene	mg/L	0.010 U	-
cis-1,3-Dichloropropene	mg/L	0.010 U	-
Cyclohexane	mg/L	0.010 U	-
Dibromochloromethane	mg/L	0.010 U	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.010 U	-
Ethylbenzene	mg/L	0.010 U	-
Isopropyl benzene	mg/L	0.010 U	-
Methyl acetate	mg/L	0.010 U	-
Methyl cyclohexane	mg/L	0.010 U	-
Methyl tert butyl ether (MTBE)	mg/L	0.010 U	-
Methylene chloride	mg/L	0.010 U	-
Styrene	mg/L	0.010 U	-
Tetrachloroethene	mg/L	0.010 U	-
Toluene	mg/L	0.17	-
trans-1,2-Dichloroethene	mg/L	0.010 U	-
trans-1,3-Dichloropropene	mg/L	0.010 U	-
Trichloroethene	mg/L	0.010 U	-
Trichlorofluoromethane (CFC-11)	mg/L	0.010 U	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.010 U	-
Vinyl chloride	mg/L	0.010 U	-
Xylenes (total)	mg/L	0.020 U	-
Semi-volatile Organic Compounds (SVOCs)			
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	260 U
2,4,5-Trichlorophenol	µg/kg	-	260 U
2,4,6-Trichlorophenol	µg/kg	-	260 U
2,4-Dichlorophenol	µg/kg	-	260 U
2,4-Dimethylphenol	µg/kg	-	260 U
2,4-Dinitrophenol	µg/kg	-	2600 U
2,4-Dinitrotoluene	µg/kg	-	260 U
2,6-Dinitrotoluene	µg/kg	-	260 U

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-004	S-85121-070915-JR-001
	Sample Date:	6/23/2015	7/9/2015
	Contents:	Nash Road - Solid/Sediment	Durez NT - Carbon
Parameters	**Units**		
SVOCs-continued			
2-Chloronaphthalene	µg/kg	-	140 J
2-Chlorophenol	µg/kg	-	260 U
2-Methylnaphthalene	µg/kg	-	57 J
2-Methylphenol	µg/kg	-	260 U
2-Nitroaniline	µg/kg	-	510 U
2-Nitrophenol	µg/kg	-	260 U
3,3'-Dichlorobenzidine	µg/kg	-	510 U
3-Nitroaniline	µg/kg	-	510 U
4,6-Dinitro-2-methylphenol	µg/kg	-	510 U
4-Bromophenyl phenyl ether	µg/kg	-	260 U
4-Chloro-3-methylphenol	µg/kg	-	310
4-Chloroaniline	µg/kg	-	260 U
4-Chlorophenyl phenyl ether	µg/kg	-	260 U
4-Methylphenol	µg/kg	-	510 U
4-Nitroaniline	µg/kg	-	510 U
4-Nitrophenol	µg/kg	-	510 U
Acenaphthene	µg/kg	-	260 U
Acenaphthylene	µg/kg	-	260 U
Acetophenone	µg/kg	-	220 J
Anthracene	µg/kg	-	260 U
Atrazine	µg/kg	-	260 U
Benzaldehyde	µg/kg	-	1300
Benzo(a)anthracene	µg/kg	-	260 U
Benzo(a)pyrene	µg/kg	-	260 U
Benzo(b)fluoranthene	µg/kg	-	260 U
Benzo(g,h,i)perylene	µg/kg	-	260 U
Benzo(k)fluoranthene	µg/kg	-	260 U
Biphenyl (1,1-Biphenyl)	µg/kg	-	260 U
bis(2-Chloroethoxy)methane	µg/kg	-	260 U
bis(2-Chloroethyl)ether	µg/kg	-	260 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	260 U
Butyl benzylphthalate (BBP)	µg/kg	-	260 U
Caprolactam	µg/kg	-	260 U
Carbazole	µg/kg	-	260 U
Chrysene	µg/kg	-	260 U
Dibenz(a,h)anthracene	µg/kg	-	260 U
Dibenzofuran	µg/kg	-	260 U
Diethyl phthalate	µg/kg	-	140 J
Dimethyl phthalate	µg/kg	-	260 U
Di-n-butylphthalate (DBP)	µg/kg	-	2800
Di-n-octyl phthalate (DnOP)	µg/kg	-	260 U
Fluoranthene	µg/kg	-	260 U
Fluorene	µg/kg	-	260 U
Hexachlorobenzene	µg/kg	-	670
Hexachlorobutadiene	µg/kg	-	260 U
Hexachlorocyclopentadiene	µg/kg	-	260 U
Hexachloroethane	µg/kg	-	260 U
Indeno(1,2,3-cd)pyrene	µg/kg	-	260 U
Isophorone	µg/kg	-	260 U
Naphthalene	µg/kg	-	260 U
Nitrobenzene	µg/kg	-	260 U
N-Nitrosodi-n-propylamine	µg/kg	-	260 U
N-Nitrosodiphenylamine	µg/kg	-	260 U
Pentachlorophenol	µg/kg	-	510 U

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-004	S-85121-070915-JR-001
	Sample Date:	6/23/2015	7/9/2015
	Contents:	Nash Road - Solid/Sediment	Durez NT - Carbon
Parameters	**Units**		
SVOCs-continued			
Phenanthrene	µg/kg	-	260 U
Phenol	µg/kg	-	260 U
Pyrene	µg/kg	-	260 U
SVOCs - TCLP			
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.0050 U	-
2,4,5-Trichlorophenol	mg/L	0.0050 U	-
2,4,6-Trichlorophenol	mg/L	0.0050 U	-
2,4-Dichlorophenol	mg/L	0.0050 U	-
2,4-Dimethylphenol	mg/L	0.0050 U	-
2,4-Dinitrophenol	mg/L	0.010 U	-
2,4-Dinitrotoluene	mg/L	0.0050 U	-
2,6-Dinitrotoluene	mg/L	0.0050 U	-
2-Chloronaphthalene	mg/L	0.0010 J	-
2-Chlorophenol	mg/L	0.0050 U	-
2-Methylnaphthalene	mg/L	0.0027 J	-
2-Methylphenol	mg/L	0.0050 U	-
2-Nitroaniline	mg/L	0.010 U	-
2-Nitrophenol	mg/L	0.0050 U	-
3,3'-Dichlorobenzidine	mg/L	0.0050 U	-
3-Nitroaniline	mg/L	0.010 U	-
4,6-Dinitro-2-methylphenol	mg/L	0.010 U	-
4-Bromophenyl phenyl ether	mg/L	0.0050 U	-
4-Chloro-3-methylphenol	mg/L	0.0050 U	-
4-Chloroaniline	mg/L	0.0050 U	-
4-Chlorophenyl phenyl ether	mg/L	0.0050 U	-
4-Methylphenol	mg/L	0.010 U	-
4-Nitroaniline	mg/L	0.010 U	-
4-Nitrophenol	mg/L	0.010 U	-
Acenaphthene	mg/L	0.0050 U	-
Acenaphthylene	mg/L	0.0050 U	-
Acetophenone	mg/L	0.00093 J	-
Anthracene	mg/L	0.0050 U	-
Atrazine	mg/L	0.0050 U	-
Benzaldehyde	mg/L	0.014	-
Benzo(a)anthracene	mg/L	0.0050 U	-
Benzo(a)pyrene	mg/L	0.0050 U	-
Benzo(b)fluoranthene	mg/L	0.0050 U	-
Benzo(g,h,i)perylene	mg/L	0.0050 U	-
Benzo(k)fluoranthene	mg/L	0.0050 U	-
Biphenyl (1,1-Biphenyl)	mg/L	0.0050 U	-
bis(2-Chloroethoxy)methane	mg/L	0.0050 U	-
bis(2-Chloroethyl)ether	mg/L	0.0050 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.0025 J	-
Butyl benzylphthalate (BBP)	mg/L	0.0050 U	-
Caprolactam	mg/L	0.0050 U	-
Carbazole	mg/L	0.00068 J	-
Chrysene	mg/L	0.0050 U	-
Dibenz(a,h)anthracene	mg/L	0.0050 U	-
Dibenzofuran	mg/L	0.010 U	-
Diethyl phthalate	mg/L	0.0050 U	-
Dimethyl phthalate	mg/L	0.0050 U	-
Di-n-butylphthalate (DBP)	mg/L	0.0024 J	-
Di-n-octyl phthalate (DnOP)	mg/L	0.0050 U	-

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-004	S-85121-070915-JR-001
	Sample Date:	6/23/2015	7/9/2015
	Contents:	Nash Road - Solid/Sediment	Durez NT - Carbon
Parameters	**Units**		
SVOCs - TCLP-continued			
Fluoranthene	mg/L	0.0050 U	-
Fluorene	mg/L	0.00072 J	-
Hexachlorobenzene	mg/L	0.0050 U	-
Hexachlorobutadiene	mg/L	0.0050 U	-
Hexachlorocyclopentadiene	mg/L	0.0050 U	-
Hexachloroethane	mg/L	0.0050 U	-
Indeno(1,2,3-cd)pyrene	mg/L	0.0050 U	-
Isophorone	mg/L	0.0050 U	-
Naphthalene	mg/L	0.0083	-
Nitrobenzene	mg/L	0.0050 U	-
N-Nitrosodi-n-propylamine	mg/L	0.0050 U	-
N-Nitrosodiphenylamine	mg/L	0.0050 U	-
Pentachlorophenol	mg/L	0.010 U	-
Phenanthrene	mg/L	0.0050 U	-
Phenol	mg/L	0.0050 U	-
Pyrene	mg/L	0.0050 U	-
Pyridine	mg/L	0.0021 J	-
Metals			
Aluminum	mg/kg	-	-
Antimony	mg/kg	-	-
Arsenic	mg/kg	-	-
Barium	mg/kg	-	-
Beryllium	mg/kg	-	-
Cadmium	mg/kg	-	-
Calcium	mg/kg	-	-
Chromium	mg/kg	-	-
Cobalt	mg/kg	-	-
Copper	mg/kg	-	-
Iron	mg/kg	-	-
Lead	mg/kg	-	-
Magnesium	mg/kg	-	-
Manganese	mg/kg	-	-
Mercury	mg/kg	-	-
Nickel	mg/kg	-	-
Potassium	mg/kg	-	-
Selenium	mg/kg	-	-
Silver	mg/kg	-	-
Sodium	mg/kg	-	-
Thallium	mg/kg	-	-
Vanadium	mg/kg	-	-
Zinc	mg/kg	-	-
Metals - TCLP			
Arsenic	mg/L	0.015 U	-
Barium	mg/L	0.81 J	-
Cadmium	mg/L	0.0053	-
Chromium	mg/L	0.030	-
Lead	mg/L	0.29	-
Mercury	mg/L	0.00020 U	-
Selenium	mg/L	0.025 U	-
Silver	mg/L	0.0060 U	-

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

	Sample Location:	Waste Drum	Waste Drum
	Sample ID:	S-85121-062315-JR-004	S-85121-070915-JR-001
	Sample Date:	6/23/2015	7/9/2015
	Contents:	Nash Road - Solid/Sediment	Durez NT - Carbon
Parameters	**Units**		
Pesticides			
4,4'-DDD	µg/kg	-	130 U
4,4'-DDE	µg/kg	-	43 J
4,4'-DDT	µg/kg	-	130 U
Aldrin	µg/kg	-	300
alpha-BHC	µg/kg	-	2800
alpha-Chlordane	µg/kg	-	130 U
beta-BHC	µg/kg	-	1900
delta-BHC	µg/kg	-	290
Dieldrin	µg/kg	-	130 U
Endosulfan I	µg/kg	-	130 U
Endosulfan II	µg/kg	-	130 U
Endosulfan sulfate	µg/kg	-	130 U
Endrin	µg/kg	-	130 U
Endrin aldehyde	µg/kg	-	36 J
Endrin ketone	µg/kg	-	130 U
gamma-BHC (lindane)	µg/kg	-	150
gamma-Chlordane	µg/kg	-	130 U
Heptachlor	µg/kg	-	130 U
Heptachlor epoxide	µg/kg	-	130 U
Methoxychlor	µg/kg	-	130 U
Toxaphene	µg/kg	-	1300 U
Pesticides - TCLP			
4,4'-DDD	mg/L	0.020 U	-
4,4'-DDE	mg/L	0.020 U	-
4,4'-DDT	mg/L	0.020 U	-
Aldrin	mg/L	0.0050 J	-
alpha-BHC	mg/L	0.11	-
alpha-Chlordane	mg/L	0.020 U	-
beta-BHC	mg/L	0.061	-
delta-BHC	mg/L	0.020 U	-
Dieldrin	mg/L	0.020 U	-
Endosulfan I	mg/L	0.020 U	-
Endosulfan II	mg/L	0.020 U	-
Endosulfan sulfate	mg/L	0.020 U	-
Endrin	mg/L	0.020 U	-
Endrin aldehyde	mg/L	0.020 U	-
Endrin ketone	mg/L	0.020 U	-
gamma-BHC (lindane)	mg/L	0.0058 J	-
gamma-Chlordane	mg/L	0.020 U	-
Heptachlor	mg/L	0.020 U	-
Heptachlor epoxide	mg/L	0.020 U	-
Methoxychlor	mg/L	0.020 U	-
Toxaphene	mg/L	0.20 U	-
Herbicides			
2,4,5-TP (Silvex)	µg/kg	-	260 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/kg	-	260 U
Herbicides - TCLP			
2,4,5-TP (Silvex)	mg/L	0.020 U	-
2,4-Dichlorophenoxyacetic acid (2,4-D)	mg/L	0.020 U	-

Table 4.8

Waste Disposal Sampling Results Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Sample Location:		**Waste Drum**	**Waste Drum**
Sample ID:		**S-85121-062315-JR-004**	**S-85121-070915-JR-001**
Sample Date:		**6/23/2015**	**7/9/2015**
Contents:		**Nash Road - Solid/Sediment**	**Durez NT - Carbon**
Parameters	**Units**		
General Chemistry			
Ignitability	Deg F	> 176.0	-
pH, lab	s.u.	11.6	-
Reactive cyanide	mg/kg	10 U	-
Reactive sulfide	mg/kg	10 U	-

Notes:

J - Estimated concentration
U - Not detected at the associated reporting limit
- - Not analyzed
µg/kg - Micrograms per kilogram
mg/L - Milligrams per liter
mg/kg - Milligrams per kilogram
s.u. - Standard Unit
Deg F - Degree Fahrenheit
TCLP - Toxicity Characteristic Leaching Procedure

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	11/14/2014			11/15/2014			11/17/2014			11/19/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.016	0.015	0.015	0.016	0.017	0.014	0.09	0.074	0.086	0.031	0.031	0.026
2	0.017	0.014	0.015	0.015	0.015	0.014	0.082	0.073	0.09	0.028	0.031	0.021
3	0.019	0.018	0.017	0.017	0.016	0.014	0.086	0.075	0.084	0.021	0.023	0.019
4	0.019	0.019	0.017	0.016	0.016	0.015	0.087	0.083	0.093	0.02	0.021	0.018
5	0.019	0.017	0.018	0.024	0.018	0.017	0.085	0.075	0.09	0.02	0.022	0.019
6	0.019	0.016	0.017	0.017	0.018	0.016	0.089	0.08	0.086	0.021	0.032	0.02
7	0.018	0.017	0.017	0.016	0.016	0.015	0.087	0.078	0.091	0.022	0.025	0.023
8	0.018	0.016	0.016	0.015	0.016	0.015	0.086	0.072	0.086	0.047	0.025	0.034
9	0.018	0.017	0.018	0.014	0.015	0.014	0.078	0.071	0.081	0.043	0.036	0.036
10	0.016	0.015	0.016	0.013	0.014	0.012	0.08	0.071	0.084	0.039	0.038	0.035
11	0.018	0.016	0.015	0.012	0.014	0.011	0.079	0.072	0.083	0.035	0.035	0.032
12	0.016	0.016	0.017	0.013	0.015	0.011	0.084	0.073	0.087	0.034	0.033	0.033
13	0.016	0.015	0.015	0.024	0.013	0.012	0.083	0.072	0.09	0.035	0.034	0.033
14	0.014	0.012	0.012	0.017	0.015	0.012	0.08	0.073	0.085	0.035	0.033	0.034
15	0.011	0.009	0.022	0.013	0.013	0.011	0.085	0.076	0.084	0.037	0.033	0.033
16	0.007	0.007	0.007	0.016	0.013	0.01	0.085	0.074	0.086	0.032	0.033	0.03
17	0.007	0.006	0.006	0.012	0.012	0.011	0.076	0.067	0.086	0.031	0.032	0.029
18	0.005	0.005	0.005	0.014	0.013	0.013	0.098	0.069	0.085	0.03	0.029	0.028
19	0.005	0.004	0.003	0.016	0.015	0.013	0.084	0.076	0.09	0.03	0.029	0.027
20	0.005	0.004	0.003	0.015	0.015	0.014	0.085	0.077	0.094	0.028	0.029	0.027
21	0.006	0.004	0.004	0.018	0.02	0.015	0.089	0.078	0.097	0.045	0.027	0.027
22	0.006	0.004	0.004	0.02	0.017	0.017	0.083	0.071	0.093	0.028	0.027	0.027
23	0.007	0.005	0.004	0.017	0.017	0.015	0.078	0.139	0.085	0.027	0.029	0.028
24	0.007	0.005	0.004	0.023	0.018	0.017	0.069	0.054	0.07	0.028	0.027	0.029
25	0.008	0.008	0.006	0.023	0.019	0.018	0.055	0.049	0.061	0.028	0.028	0.028
26	0.007	0.007	0.005	0.021	0.019	0.018	0.048	0.042	0.052	0.028	0.028	0.028
27	0.009	0.009	0.006				0.041	0.039	0.046	0.028	0.028	0.028
28	0.009	0.009	0.007				0.052	0.038	0.043			
29	0.021	0.009	0.006				0.04	0.037	0.039			
30	0.01	0.016	0.007				0.038	0.037	0.04			
31			0.007				0.042	0.04	0.042			
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.005	0.004	0.003	0.012	0.012	0.010	0.038	0.037	0.039	0.020	0.021	0.018
Maximum	0.021	0.019	0.022	0.024	0.020	0.018	0.098	0.139	0.097	0.047	0.038	0.036
Average	0.012	0.011	0.011	0.017	0.016	0.014	0.075	0.068	0.078	0.031	0.030	0.028

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	11/20/2014			11/21/2014			11/22/2014			11/24/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.016	0.015	0.014	0.025	0.023	0.02	0.033	0.028	0.029	0.007	0.006	0.003
2	0.077	0.041	0.016	0.027	0.024	0.023	0.03	0.027	0.027	0.006	0.005	0.004
3	0.04	0.023	0.021	0.031	0.024	0.024	0.03	0.028	0.028	0.006	0.005	0.005
4	0.104	0.043	0.023	0.031	0.027	0.029	0.03	0.029	0.028	0.005	0.006	0.006
5	0.03	0.028	0.021	0.036	0.03	0.031	0.032	0.029	0.028	0.005	0.005	0.005
6	0.021	0.022	0.018	0.043	0.031	0.03	0.033	0.029	0.028	0.005	0.005	0.005
7	0.018	0.019	0.016	0.035	0.031	0.031	0.03	0.028	0.028	0.005	0.004	0.005
8	0.017	0.018	0.014	0.035	0.031	0.03	0.03	0.028	0.028	0.005	0.004	0.004
9	0.017	0.016	0.013	0.034	0.031	0.029	0.029	0.028	0.027	0.006	0.005	0.005
10	0.032	0.017	0.013	0.033	0.051	0.028	0.03	0.028	0.028	0.008	0.007	0.006
11	0.017	0.018	0.013	0.031	0.028	0.026	0.034	0.03	0.03	0.009	0.008	0.008
12	0.021	0.017	0.013	0.03	0.027	0.026	0.037	0.031	0.031	0.011	0.009	0.01
13	0.018	0.016	0.014	0.03	0.026	0.024	0.034	0.032	0.032	0.012	0.01	0.011
14	0.019	0.018	0.015	0.029	0.024	0.024	0.038	0.033	0.035	0.014	0.011	0.014
15	0.018	0.018	0.016	0.026	0.024	0.021	0.041	0.034	0.037	0.014	0.013	0.013
16	0.019	0.02	0.018	0.025	0.022	0.019	0.038	0.035	0.036	0.013	0.012	0.014
17	0.021	0.021	0.018	0.024	0.021	0.017	0.038	0.034	0.036	0.012	0.011	0.013
18	0.022	0.022	0.019	0.019	0.018	0.014	0.038	0.035	0.036	0.012	0.011	0.013
19	0.023	0.023	0.02	0.016	0.016	0.01	0.036	0.034	0.035	0.012	0.011	0.013
20	0.028	0.024	0.02	0.014	0.013	0.01	0.037	0.034	0.037	0.012	0.011	0.012
21	0.024	0.024	0.02	0.018	0.014	0.013	0.038	0.035	0.037	0.012	0.01	0.012
22	0.022	0.023	0.019	0.019	0.018	0.014	0.037	0.035	0.035	0.012	0.011	0.012
23	0.022	0.022	0.019	0.016	0.017	0.011	0.039	0.034	0.036	0.012	0.012	0.013
24	0.022	0.022	0.019	0.013	0.012	0.009	0.04	0.037	0.041	0.014	0.012	0.013
25	0.023	0.023	0.02	0.013	0.012	0.009	0.045	0.041	0.046	0.012	0.011	0.014
26	0.112	0.023	0.02	0.012	0.012	0.009	0.051	0.045	0.05	0.007	0.008	0.011
27	0.027	0.024	0.021	0.013	0.012	0.009	0.053	0.047	0.052	0.005	0.005	0.007
28	0.027	0.024	0.022	0.014	0.015	0.011				0.006	0.005	0.005
29	0.025	0.023	0.022	0.017	0.015	0.012				0.008	0.007	0.006
30		0.025	0.024	0.017	0.016	0.012				0.006	0.006	0.006
31				0.018	0.018	0.013				0.007	0.006	0.006
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.016	0.015	0.013	0.012	0.012	0.009	0.029	0.027	0.027	0.005	0.004	0.003
Maximum	0.112	0.043	0.024	0.043	0.051	0.031	0.053	0.047	0.052	0.014	0.013	0.014
Average	0.030	0.022	0.018	0.024	0.022	0.019	0.036	0.033	0.034	0.009	0.008	0.009

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	11/25/2014			12/1/2014			12/2/2014			12/3/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.022	0.026	0.021	0.016	0.024	0.014	0.012	0.012	0.01	0.023	0.023	0.028
2	0.022	0.027	0.02	0.015	0.032	0.012	0.013	0.012	0.011	0.025	0.025	0.025
3	0.021	0.025	0.019	0.012	0.015	0.011	0.032	0.012	0.012	0.027	0.026	0.027
4	0.019	0.022	0.019	0.011	0.012	0.019	0.013	0.011	0.012	0.029	0.029	0.029
5	0.02	0.024	0.02	0.011	0.013	0.012	0.013	0.012	0.011	0.03	0.029	0.031
6	0.019	0.026	0.02	0.012	0.012	0.011	0.013	0.012	0.011	0.03	0.029	0.03
7	0.023	0.034	0.022	0.013	0.013	0.011	0.014	0.013	0.011	0.029	0.028	0.03
8	0.025	0.031	0.021	0.014	0.013	0.011	0.014	0.013	0.011	0.032	0.029	0.029
9	0.022	0.022	0.022	0.015	0.015	0.013	0.014	0.013	0.012	0.034	0.031	0.032
10	0.025	0.023	0.026	0.015	0.015	0.013	0.014	0.013	0.012	0.037	0.032	0.033
11	0.029	0.028	0.028	0.018	0.017	0.015	0.015	0.015	0.012	0.044	0.037	0.038
12	0.032	0.029	0.029	0.016	0.017	0.015	0.015	0.013	0.012	0.051	0.044	0.045
13	0.031	0.028	0.029	0.015	0.014	0.013	0.015	0.013	0.012	0.053	0.047	0.052
14	0.032	0.03	0.031	0.016	0.015	0.013	0.088	0.013	0.012	0.05	0.045	0.051
15	0.032	0.03	0.029	0.02	0.018	0.015	0.015	0.013	0.013	0.049	0.044	0.048
16	0.028	0.029	0.025	0.022	0.021	0.019	0.015	0.013	0.013	0.047	0.042	0.046
17	0.024	0.023	0.022	0.021	0.02	0.019	0.015	0.013	0.013	0.048	0.043	0.045
18	0.024	0.023	0.022	0.02	0.019	0.018	0.015	0.013	0.013	0.051	0.046	0.047
19	0.024	0.022	0.022	0.018	0.017	0.016	0.015	0.013	0.013	0.053	0.049	0.05
20	0.025	0.023	0.024	0.018	0.017	0.016	0.027	0.013	0.013	0.053	0.047	0.051
21	0.027	0.025	0.025	0.017	0.016	0.014	0.016	0.014	0.013	0.052	0.046	0.05
22	0.027	0.025	0.027	0.019	0.018	0.015	0.016	0.014	0.013	0.05	0.044	0.049
23	0.03	0.027	0.029	0.021	0.019	0.017	0.016	0.014	0.013	0.049	0.044	0.048
24	0.032	0.029	0.031	0.022	0.02	0.018	0.016	0.014	0.013	0.045	0.041	0.046
25	0.034	0.031	0.032	0.02	0.02	0.019	0.016	0.015	0.013	0.044	0.039	0.042
26	0.033	0.031	0.032	0.02	0.019	0.017	0.016	0.015	0.013	0.042	0.038	0.042
27	0.035	0.03	0.032	0.02	0.019	0.018	0.017	0.015	0.014	0.042	0.037	0.041
28	0.035	0.042	0.033	0.019	0.019	0.017	0.017	0.016	0.015	0.039	0.036	0.04
29		0.033	0.031	0.019	0.018	0.016	0.017	0.016	0.015	0.042	0.036	0.039
30				0.018	0.017	0.016	0.019	0.017	0.016			
31				0.016	0.015	0.014	0.018		0.016			
32									0.016			
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.019	0.022	0.019	0.011	0.012	0.011	0.012	0.011	0.010	0.023	0.023	0.025
Maximum	0.035	0.042	0.033	0.022	0.032	0.019	0.088	0.017	0.016	0.053	0.049	0.052
Average	0.027	0.028	0.026	0.017	0.017	0.015	0.018	0.014	0.013	0.041	0.037	0.040

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	12/4/2014			12/5/2014			12/8/2014			12/9/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.03	0.031	0.032	0.045	0.041	0.046	0.016	0.014	0.015	0.031	0.028	0.036
2	0.03	0.03	0.031	0.047	0.043	0.046	0.016	0.014	0.015	0.025	0.022	0.024
3	0.032	0.031	0.032	0.047	0.042	0.046	0.019	0.016	0.016	0.026	0.021	0.024
4	0.034	0.032	0.033	0.047	0.043	0.047	0.019	0.015	0.017	0.027	0.022	0.025
5	0.036	0.034	0.035	0.048	0.044	0.047	0.022	0.031	0.017	0.028	0.021	0.025
6	0.039	0.036	0.147	0.049	0.044	0.048	0.02	0.023	0.017	0.025	0.021	0.024
7	0.039	0.04	0.035	0.05	0.045	0.049	0.02	0.013	0.017	0.024	0.024	0.023
8	0.036	0.032	0.033	0.061	0.044	0.048	0.02	0.018	0.016	0.031	0.025	0.02
9	0.035	0.034	0.032	0.05	0.044	0.048	0.022	0.018	0.016	0.025	0.024	0.03
10	0.032	0.03	0.03	0.049	0.043	0.048	0.02	0.012	0.016	0.023	0.021	0.025
11	0.031	0.029	0.027	0.048	0.042	0.046	0.021	0.011	0.015	0.025	0.021	0.023
12	0.028	0.031	0.025	0.052	0.044	0.047	0.023	0.009	0.014	0.025	0.021	0.024
13	0.027	0.029	0.024	0.059	0.043	0.047	0.021	0.009	0.016	0.025	0.022	0.025
14	0.04	0.027	0.023	0.051	0.041	0.046	0.02	0.01	0.015	0.028	0.022	0.026
15	0.035	0.029	0.025	0.048	0.039	0.045	0.036	0.01	0.013	0.029	0.026	0.023
16	0.034	0.028	0.025	0.081	0.04	0.044	0.021	0.01	0.014	0.025	0.028	0.023
17	0.03	0.028	0.024	0.045	0.038	0.043	0.023	0.01	0.014	0.036	0.025	0.024
18	0.027	0.026	0.023	0.044	0.039	0.044	0.019		0.014	0.028	0.028	0.026
19	0.027	0.024	0.023	0.044	0.037	0.043	0.015		0.014	0.031	0.026	0.024
20	0.025	0.023	0.021	0.044	0.038	0.044	0.014		0.012	0.023	0.024	0.025
21	0.024	0.027	0.021	0.043	0.037	0.042	0.016		0.009	0.027	0.022	0.02
22	0.025	0.027	0.021	0.041	0.037	0.042	0.015		0.01	0.03	0.022	0.022
23	0.025	0.026	0.022	0.042	0.052	0.042	0.015		0.01	0.025	0.025	0.023
24	0.025	0.022	0.021	0.043	0.082	0.043	0.013		0.01	0.027	0.023	0.022
25	0.025	0.039	0.022	0.042	0.058	0.043	0.011		0.009	0.025	0.028	0.022
26	0.026	0.023	0.023	0.043	0.046	0.044	0.012		0.008	0.027	0.025	0.023
27	0.027	0.024	0.024	0.044	0.04	0.044	0.011		0.009	0.026	0.023	0.023
28	0.028	0.024	0.025	0.044	0.04	0.044	0.012		0.009	0.026	0.022	0.024
29	0.028	0.025	0.025	0.042	0.04	0.044	0.011		0.009	0.025	0.023	0.022
30	0.028	0.026	0.026	0.043	0.04				0.01	0.023	0.02	0.021
31									0.011	0.025	0.022	0.02
32												0.022
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.024	0.022	0.021	0.041	0.037	0.042	0.011	0.009	0.008	0.023	0.020	0.020
Maximum	0.040	0.040	0.147	0.081	0.082	0.049	0.036	0.031	0.017	0.036	0.028	0.036
Average	0.030	0.029	0.030	0.048	0.044	0.045	0.018	0.014	0.013	0.027	0.023	0.024

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	12/10/2014			12/11/2014			12/12/2014			12/15/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.025	0.018	0.017	0.011	0.013	0.007	0.012	0.013	0.009	0.057	0.052	0.058
2	0.028	0.019	0.018	0.01	0.008	0.007	0.012	0.012	0.01	0.063	0.055	0.062
3	0.027	0.019	0.02	0.016	0.012	0.007	0.013	0.016	0.01	0.063	0.056	0.064
4	0.026	0.021	0.02	0.015	0.012	0.008	0.014	0.014	0.011	0.066	0.057	0.065
5	0.025	0.02	0.019	0.014	0.011	0.008	0.013	0.018	0.011	0.073	0.063	0.074
6	0.024	0.02	0.019	0.012	0.011	0.009	0.013	0.027	0.011	0.071	0.06	0.072
7	0.028	0.021	0.02	0.012	0.013	0.008	0.014	0.024	0.011	0.067	0.057	0.07
8	0.029	0.021	0.02	0.012	0.012	0.008	0.014	0.023	0.012	0.062	0.046	0.062
9	0.026	0.021	0.02	0.012	0.011	0.008	0.015	0.02	0.012	0.042	0.034	0.045
10	0.027	0.02	0.019	0.012	0.013	0.008	0.019	0.023	0.014	0.038	0.033	0.037
11	0.029	0.02	0.02	0.013	0.016	0.008	0.025	0.035	0.019	0.035	0.031	0.035
12	0.028	0.022	0.018	0.012	0.016	0.009	0.023	0.03	0.021	0.036	0.032	0.034
13	0.027	0.02	0.019	0.012	0.019	0.009	0.023	0.039	0.02	0.039	0.034	0.036
14	0.027	0.02	0.019	0.012	0.017	0.008	0.025	0.047	0.021	0.041	0.037	0.04
15	0.029	0.021	0.02	0.011	0.024	0.009	0.026	0.039	0.024	0.047	0.043	0.045
16	0.025	0.02	0.02	0.01	0.017	0.008	0.026	0.039	0.024	0.054	0.048	0.052
17	0.028	0.021	0.02	0.01	0.017	0.007	0.025	0.036	0.025	0.049	0.044	0.054
18	0.026	0.021	0.022	0.01	0.022	0.007	0.025	0.026	0.024	0.051	0.047	0.053
19	0.031	0.022	0.023	0.01	0.015	0.007	0.026	0.027	0.024	0.051	0.046	0.054
20	0.029	0.023	0.024	0.01	0.015	0.007	0.026	0.026	0.024	0.052	0.046	0.054
21	0.03	0.024	0.024	0.011	0.014	0.007	0.026	0.036	0.023	0.053	0.048	0.055
22	0.03	0.023	0.025	0.01	0.015	0.007	0.027	0.039	0.025	0.054	0.048	0.057
23	0.031	0.024	0.025	0.012	0.014	0.007	0.028	0.041	0.026	0.054	0.048	0.056
24	0.029	0.024	0.025	0.013	0.014	0.007	0.025	0.039	0.026	0.059	0.054	0.058
25	0.032	0.026	0.03	0.011	0.011	0.007	0.019	0.019	0.017	0.064	0.056	0.063
26	0.036	0.03	0.032	0.012	0.013	0.007						
27	0.036	0.03	0.031	0.011	0.021	0.007						
28	0.036	0.029				0.007						
29	0.036											
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.024	0.018	0.017	0.010	0.008	0.007	0.012	0.012	0.009	0.035	0.031	0.034
Maximum	0.036	0.030	0.032	0.016	0.024	0.009	0.028	0.047	0.026	0.073	0.063	0.074
Average	0.029	0.022	0.022	0.012	0.015	0.008	0.021	0.028	0.018	0.054	0.047	0.054

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	12/16/2014			12/17/2014			12/18/2014			12/19/2014		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.036	0.032	0.033	0.013	0.012	0.006	0.022	0.02	0.015	0.012	0.019	0.013
2	0.039	0.033	0.035	0.008	0.016	0.007	0.019	0.019	0.014	0.015	0.015	0.021
3	0.043	0.038	0.038	0.006	0.042	0.008	0.041	0.02	0.015	0.014	0.015	0.016
4	0.045	0.041	0.046	0.006	0.066	0.004	0.04	0.024	0.016	0.021	0.022	0.012
5	0.046	0.042	0.047	0.007	0.056	0.005	0.034	0.024	0.018	0.015	0.028	0.011
6	0.049	0.044	0.049	0.009	0.049	0.006	0.025	0.025	0.02	0.077	0.016	0.011
7	0.051	0.046	0.048	0.01	0.038	0.006	0.028	0.023	0.019	0.04	0.02	0.012
8	0.053	0.048	0.051	0.011	0.075	0.007	0.025	0.019	0.017	0.027	0.02	0.012
9	0.054	0.049	0.052	0.011	0.036	0.007	0.018	0.017	0.014	0.018	0.018	0.014
10	0.055	0.052	0.054	0.011	0.012	0.007	0.018	0.018	0.014	0.018	0.017	0.015
11	0.057	0.053	0.056	0.012	0.013	0.007	0.019	0.025	0.014	0.018	0.019	0.014
12	0.057	0.047	0.057	0.014	0.018	0.01	0.021	0.019	0.015	0.019	0.019	0.014
13	0.063	0.052	0.057	0.015	0.086	0.01	0.019	0.019	0.015	0.029	0.022	0.016
14	0.069	0.052	0.056	0.016	0.032	0.011	0.018	0.042	0.015	0.025	0.022	0.016
15	0.067	0.051	0.061	0.016	0.015	0.011	0.019	0.027	0.015	0.031	0.023	0.016
16	0.061	0.053	0.061	0.018	0.016	0.013	0.02	0.021	0.016	0.032	0.029	0.016
17	0.063	0.053	0.058	0.031	0.018	0.014	0.021	0.019	0.016	0.023	0.023	0.016
18	0.061	0.053	0.058	0.025	0.018	0.014	0.019	0.019	0.016	0.029	0.019	0.017
19	0.058	0.052	0.058	0.024	0.016	0.014	0.02	0.02	0.016	0.047	0.02	0.014
20	0.06	0.053	0.059	0.02	0.017	0.014	0.023	0.029	0.018	0.023	0.023	0.016
21	0.06	0.053	0.059	0.024	0.02	0.015	0.027	0.077	0.021	0.023	0.024	0.015
22	0.059	0.053	0.058	0.026	0.022	0.017	0.033	0.04	0.025	0.026	0.028	0.02
23	0.058	0.052	0.057	0.029	0.023	0.019	0.031	0.036	0.028	0.024	0.024	0.023
24	0.06	0.051	0.057	0.032	0.026	0.019	0.022	0.036	0.021	0.022	0.022	0.019
25	0.058	0.052	0.059	0.048	0.022	0.019	0.017	0.03	0.014	0.022	0.021	0.018
26	0.058	0.052	0.058	0.033	0.022	0.017	0.017	0.019	0.013	0.022	0.023	0.018
27	0.061	0.051	0.059	0.026	0.018	0.015	0.019	0.02	0.013	0.022	0.024	0.019
28	0.067	0.052	0.059	0.022	0.019	0.015	0.018	0.018	0.013	0.022	0.023	0.018
29	0.071	0.052	0.058	0.02	0.017	0.013	0.016	0.015	0.013	0.022	0.024	0.018
30	0.111	0.053	0.058	0.024	0.017	0.012	0.017	0.016	0.013	0.021	0.022	0.017
31		0.054			0.015							
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.036	0.032	0.033	0.006	0.012	0.004	0.016	0.015	0.013	0.012	0.015	0.011
Maximum	0.111	0.054	0.061	0.048	0.086	0.019	0.041	0.077	0.028	0.077	0.029	0.023
Average	0.058	0.049	0.054	0.019	0.028	0.011	0.023	0.025	0.016	0.025	0.021	0.016

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	12/22/2014			12/23/2014			2/3/2015			2/4/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.043	0.042	0.04	0.047	0.04	0.042	0.028	0.029	0.028	0.038	0.044	0.029
2	0.045	0.048	0.041	0.039	0.036	0.039	0.03	0.026	0.019	0.046	0.046	0.035
3	0.049	0.043	0.043	0.039	0.036	0.039	0.03	0.029	0.021	0.052	0.047	0.036
4	0.052	0.045	0.045	0.039	0.035	0.038	0.033	0.029	0.023	0.054	0.049	0.038
5	0.053	0.046	0.048	0.041	0.037	0.038	0.032	0.029	0.024	0.058	0.057	0.041
6	0.058	0.051	0.05	0.042	0.035	0.038	0.031	0.03	0.026	0.063	0.057	0.044
7	0.063	0.054	0.053	0.039	0.035	0.036	0.035	0.031	0.027	0.064	0.059	0.048
8	0.058	0.05	0.053	0.035	0.031	0.032	0.034	0.034	0.03	0.07	0.059	0.049
9	0.058	0.053	0.055	0.031	0.028	0.029	0.039	0.034	0.031	0.065	0.057	0.045
10	0.06	0.054	0.056	0.028	0.025	0.026	0.039	0.035	0.031	0.058	0.052	0.044
11	0.061	0.053	0.057	0.025	0.022	0.024	0.043	0.034	0.031	0.06	0.05	0.046
12	0.065	0.053	0.057	0.023	0.02	0.022	0.037	0.034	0.032	0.061	0.052	0.048
13	0.062	0.054	0.057	0.022	0.021	0.02	0.038	0.036	0.034	0.061	0.052	0.051
14	0.062	0.052	0.058	0.02	0.018	0.019	0.039	0.036	0.035	0.063	0.056	0.054
15	0.066	0.055	0.06	0.019	0.018	0.017	0.042	0.037	0.035	0.065	0.057	0.054
16	0.066	0.056	0.062	0.017	0.016	0.016	0.041	0.037	0.035	0.066	0.058	0.055
17	0.067	0.055	0.062	0.017	0.016	0.016	0.039	0.036	0.035	0.066	0.059	0.057
18	0.066	0.055	0.063	0.014	0.014	0.014	0.039	0.036	0.036	0.069	0.06	0.059
19	0.067	0.056	0.063	0.017	0.017	0.015	0.042	0.038	0.035	0.071	0.061	0.06
20	0.067	0.056	0.063				0.042	0.036	0.035	0.073	0.063	0.061
21	0.067	0.056	0.063				0.044	0.038	0.035	0.071	0.065	0.063
22	0.069	0.056	0.062				0.043	0.034	0.033	0.075	0.069	0.063
23	0.067	0.056	0.062				0.039	0.034	0.033	0.076	0.065	0.066
24	0.067	0.056	0.062				0.046	0.036	0.035	0.075	0.066	0.068
25	0.067	0.057	0.061				0.054	0.042	0.035	0.078	0.068	0.072
26	0.065	0.054	0.06				0.056	0.042	0.035	0.08	0.07	0.072
27	0.064	0.055	0.059				0.057	0.039	0.033	0.077	0.071	0.072
28		0.054					0.05	0.041	0.031	0.077	0.07	0.075
29							0.053	0.037	0.031	0.079	0.071	0.074
30							0.045	0.037	0.033	0.076	0.071	0.075
31							0.043	0.035	0.032	0.08	0.072	
32							0.041				0.071	
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.043	0.042	0.040	0.014	0.014	0.014	0.028	0.026	0.019	0.038	0.044	0.029
Maximum	0.069	0.057	0.063	0.047	0.040	0.042	0.057	0.042	0.036	0.080	0.072	0.075
Average	0.061	0.053	0.056	0.029	0.026	0.027	0.041	0.035	0.031	0.067	0.060	0.055

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	2/5/2015			2/6/2015			2/9/2015			2/10/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.012	0.011	0.007	0.031	0.036	0.031	0.018	0.02	0.018	0.031	0.034	0.039
2	0.015	0.015	0.008	0.032	0.033	0.033	0.02	0.021	0.017	0.037	0.035	0.044
3	0.019	0.018	0.009	0.035	0.036	0.034	0.021	0.023	0.019	0.042	0.038	0.043
4	0.018	0.018	0.01	0.039	0.038	0.036	0.023	0.026	0.019	0.045	0.04	0.056
5	0.018	0.02	0.011	0.043	0.041	0.04	0.025	0.028	0.02	0.052	0.045	0.041
6	0.017	0.019	0.012	0.044	0.042	0.038	0.027	0.03	0.021	0.047	0.038	0.04
7	0.019	0.022	0.012	0.044	0.042	0.036	0.03	0.03	0.022	0.048	0.04	0.075
8	0.019	0.022	0.012	0.04	0.04	0.032	0.03	0.028	0.022	0.095	0.057	0.131
9	0.019	0.022	0.013	0.037	0.037	0.03	0.03	0.029	0.023	0.064	0.042	0.042
10	0.02	0.021	0.013	0.036	0.035	0.031	0.031	0.029	0.023	0.046	0.038	0.04
11	0.021	0.022	0.013	0.036	0.035	0.031	0.031	0.029	0.023	0.046	0.043	0.037
12	0.021	0.022	0.013	0.036	0.036	0.032	0.031	0.028	0.024	0.036	0.032	0.027
13	0.021	0.021	0.013	0.037	0.035	0.032	0.031	0.029	0.024	0.032	0.031	0.026
14	0.022	0.021	0.013	0.039	0.038	0.033	0.031	0.029	0.024	0.031	0.028	0.025
15	0.022	0.021	0.013	0.04	0.038	0.034	0.031	0.03	0.025	0.03	0.03	0.025
16	0.022	0.02	0.013	0.04	0.038	0.035	0.033	0.029	0.025	0.032	0.029	0.027
17	0.025	0.021	0.013	0.037	0.04	0.035	0.032	0.033	0.026	0.033	0.029	0.026
18	0.02	0.021	0.013	0.018	0.04	0.034	0.032	0.031	0.025	0.033	0.027	0.034
19	0.022	0.02	0.012	0.016	0.039	0.035	0.032	0.03	0.026	0.039	0.032	0.026
20	0.022	0.02	0.012	0.016	0.04	0.037	0.033	0.03	0.027	0.033	0.029	0.027
21	0.025	0.02	0.012	0.016	0.039	0.039	0.035	0.031	0.027	0.036	0.028	0.027
22	0.02	0.019	0.012	0.017	0.041	0.037	0.035	0.031	0.026	0.036	0.029	0.026
23	0.021	0.022	0.014	0.017	0.042	0.038	0.032	0.028	0.025	0.033	0.03	0.025
24	0.031	0.023	0.013	0.018	0.042	0.038	0.032	0.028	0.024	0.034	0.029	0.025
25	0.027	0.021	0.014	0.031	0.044	0.039	0.031	0.029	0.025	0.032	0.028	0.026
26	0.031	0.023	0.014	0.027	0.045	0.04	0.032	0.028	0.025	0.035	0.029	0.028
27	0.031	0.023	0.014	0.027	0.047	0.041	0.032	0.029	0.025	0.037	0.029	0.029
28	0.029	0.022	0.014	0.03	0.052	0.042	0.035	0.029	0.026	0.043	0.03	0.03
29	0.029	0.023	0.013	0.03	0.049	0.043	0.032	0.033	0.026	0.044	0.033	0.034
30	0.032	0.023	0.013	0.031	0.048	0.052	0.032	0.029	0.024	0.047	0.034	0.037
31	0.036	0.025	0.013				0.033			0.038	0.031	0.031
32	0.035	0.026	0.014									
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.012	0.011	0.007	0.016	0.033	0.030	0.018	0.020	0.017	0.030	0.027	0.025
Maximum	0.036	0.026	0.014	0.044	0.052	0.052	0.035	0.033	0.027	0.095	0.057	0.131
Average	0.023	0.021	0.012	0.031	0.040	0.036	0.030	0.029	0.024	0.041	0.034	0.037

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	2/11/2015			2/12/2015			2/13/2015			2/16/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.088	0.06	0.06	0.018	0.017	0.012	0.023	0.026	0.039	0.036	0.033	0.029
2	0.059	0.053	0.053	0.018	0.015	0.016	0.026	0.025	0.023	0.041	0.032	0.028
3	0.055	0.05	0.048	0.014	0.012	0.012	0.025	0.026	0.023	0.041	0.032	0.027
4	0.051	0.047	0.046	0.016	0.013	0.012	0.027	0.027	0.023	0.038	0.031	0.027
5	0.053	0.046	0.048	0.017	0.013	0.012	0.027	0.032	0.023	0.039	0.028	0.031
6	0.054	0.047	0.047	0.019	0.015	0.012	0.03	0.032	0.023	0.039	0.03	0.032
7	0.054	0.046	0.048	0.021	0.017	0.013	0.033	0.03	0.023	0.04	0.031	0.03
8	0.055	0.046	0.048	0.025	0.017	0.013	0.029	0.031	0.023	0.037	0.028	0.031
9	0.055	0.047	0.048	0.025	0.019	0.014	0.032	0.035	0.023	0.038	0.029	0.03
10	0.057	0.046	0.049	0.03	0.017	0.017	0.032	0.033	0.023	0.034	0.026	0.032
11	0.058	0.049	0.05	0.028	0.019	0.013	0.034	0.031	0.023	0.035	0.027	0.031
12	0.059	0.049	0.049	0.031	0.021	0.017	0.03	0.029	0.024	0.037	0.027	0.031
13	0.059	0.049	0.046	0.033	0.026	0.023	0.031	0.028	0.023	0.038	0.028	0.03
14	0.052	0.043	0.036	0.034	0.027	0.021	0.031	0.029	0.023	0.038	0.029	0.029
15	0.053	0.039	0.042	0.032	0.038	0.017	0.029	0.028	0.023	0.033	0.027	0.03
16	0.055	0.049	0.044	0.035	0.029	0.018	0.029	0.026		0.032	0.027	0.027
17	0.059	0.049	0.048	0.033	0.026	0.016	0.029	0.027		0.03	0.022	0.024
18	0.047	0.048	0.033	0.031	0.025	0.017	0.029	0.026		0.029	0.023	0.023
19	0.046	0.037	0.031	0.028	0.024	0.017	0.029	0.027		0.028	0.022	0.023
20	0.042	0.037	0.031	0.029	0.024	0.016	0.028	0.024		0.026	0.02	0.023
21	0.042	0.034	0.031	0.029	0.024	0.019	0.028	0.024		0.027	0.021	0.024
22	0.042	0.037	0.032	0.03	0.026	0.018	0.027	0.023		0.028	0.025	0.024
23	0.042	0.036	0.033	0.031	0.024	0.017		0.022		0.028	0.022	0.024
24	0.044	0.038	0.034	0.029	0.024	0.017				0.027	0.022	0.024
25	0.043	0.038	0.034	0.029	0.024	0.018				0.026	0.02	0.022
26	0.043	0.04	0.036	0.028	0.023	0.017				0.025	0.019	
27	0.043	0.043	0.041	0.031	0.023	0.016						
28	0.046	0.046	0.041	0.028	0.023	0.016						
29	0.048	0.047	0.041			0.017						
30	0.048	0.045	0.05									
31	0.054	0.047	0.092									
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.042	0.034	0.031	0.014	0.012	0.012	0.023	0.022	0.023	0.025	0.019	0.022
Maximum	0.088	0.060	0.092	0.035	0.038	0.023	0.034	0.035	0.039	0.041	0.033	0.032
Average	0.052	0.045	0.044	0.027	0.022	0.016	0.029	0.028	0.024	0.033	0.026	0.027

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	2/17/2015			2/18/2015			2/19/2015			2/20/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.037	0.037	0.045	0.049	0.042	0.044	0.02	0.026	0.022	0.022	0.055	0.016
2	0.048	0.045	0.042	0.05	0.045	0.042	0.022	0.035	0.022	0.024	0.021	0.019
3	0.053	0.045	0.049	0.052	0.046	0.044	0.027	0.042	0.017	0.028	0.022	0.019
4	0.056	0.049	0.045	0.056	0.049	0.046	0.025	0.034	0.015	0.027	0.025	0.019
5	0.055	0.046	0.049	0.064	0.051	0.053	0.026	0.041	0.016	0.03	0.025	0.019
6	0.058	0.048	0.049	0.073	0.058	0.055	0.027	0.04	0.016	0.041	0.026	0.018
7	0.058	0.048	0.052	0.066	0.055	0.046	0.028	0.038	0.018	0.027	0.039	0.019
8	0.06	0.051	0.049	0.059	0.05	0.043	0.03	0.037	0.018	0.022	0.023	0.019
9	0.051	0.046	0.042	0.052	0.044	0.037	0.03	0.035	0.017	0.025	0.022	0.017
10	0.049	0.042	0.044	0.042	0.041	0.035	0.029	0.037	0.017	0.026	0.021	0.019
11	0.051	0.043	0.047	0.043	0.04	0.036	0.031	0.035	0.02	0.029	0.022	0.02
12	0.055	0.048	0.047	0.048	0.041	0.037	0.031	0.035	0.02	0.029	0.022	0.02
13	0.051	0.044	0.044	0.051	0.044	0.038	0.029	0.036	0.017	0.029	0.024	0.021
14	0.049	0.043	0.042	0.052	0.042	0.038	0.03	0.034	0.018	0.027	0.024	0.022
15	0.047	0.043	0.042	0.047	0.041	0.038	0.03	0.038	0.019	0.034	0.025	0.02
16	0.046	0.04	0.04	0.047	0.043	0.039	0.028	0.034	0.018	0.032	0.029	0.02
17	0.045	0.04	0.039	0.048	0.044	0.039	0.031	0.036	0.021	0.032	0.024	0.02
18	0.042	0.039	0.036	0.044	0.044	0.038	0.032	0.036	0.019	0.032	0.027	0.02
19	0.041	0.037	0.035	0.045	0.045	0.038	0.03	0.035	0.018	0.031	0.025	0.02
20	0.04	0.035	0.031	0.044	0.041	0.038	0.03	0.036	0.021	0.036	0.028	0.021
21	0.037	0.033	0.03	0.042	0.04	0.039	0.03	0.036	0.017	0.036	0.024	0.02
22	0.036	0.033	0.028	0.043	0.045	0.04	0.029	0.033	0.018	0.035	0.024	0.02
23	0.031	0.028	0.022	0.044	0.043	0.04	0.03	0.036	0.016	0.035	0.022	0.02
24	0.028	0.024	0.021	0.045	0.046	0.04	0.027	0.037	0.017	0.031	0.021	0.019
25	0.026	0.022	0.017	0.044	0.045	0.039	0.026	0.032	0.017	0.032	0.021	0.02
26	0.027	0.02	0.017	0.042	0.043	0.037	0.028	0.033	0.024	0.035	0.022	0.022
27	0.024	0.019	0.015	0.04	0.04	0.034	0.028	0.033	0.019	0.032	0.023	0.021
28	0.023	0.018	0.015	0.039	0.04	0.036	0.026	0.032	0.018	0.031	0.021	0.021
29	0.025	0.019	0.017	0.043	0.04	0.035	0.026	0.033	0.018	0.032	0.021	0.021
30				0.039	0.04	0.035	0.029	0.04	0		0.02	0.021
31				0.039	0.04		0.032					
32					0.038							
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.023	0.018	0.015	0.039	0.038	0.034	0.020	0.026	N/A	0.022	0.020	0.016
Maximum	0.060	0.051	0.052	0.073	0.058	0.055	0.032	0.042	0.024	0.041	0.055	0.022
Average	0.043	0.037	0.036	0.048	0.044	0.040	0.028	0.036	0.018	0.030	0.025	0.020

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	2/23/2015			2/24/2015			2/25/2015			2/26/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.015	0.021	0.012	0.033	0.027	0.023	0.008	0.013	0.01	0.016	0.018	0.015
2	0.022	0.021	0.014	0.031	0.026	0.023	0.009	0.011	0.009	0.016	0.018	0.013
3	0.023	0.021	0.015	0.035	0.026	0.024	0.013	0.014	0.01	0.016	0.018	0.013
4	0.025	0.022	0.019	0.036	0.026	0.025	0.015	0.016	0.011	0.017	0.018	0.014
5	0.03	0.023	0.017	0.038	0.029	0.025	0.016	0.016	0.012	0.019	0.019	0.015
6	0.029	0.027	0.019	0.037	0.027	0.026	0.016	0.018	0.013	0.019	0.017	0.015
7	0.031	0.026	0.019	0.039	0.028	0.028	0.017	0.018	0.013	0.021	0.019	0.015
8	0.027	0.025	0.021	0.041	0.029	0.03	0.017	0.017	0.013	0.021	0.021	0.016
9	0.03	0.027	0.022	0.042	0.028	0.029	0.017	0.018	0.014	0.022	0.02	0.017
10	0.031	0.024	0.024	0.039	0.029	0.03	0.018	0.018	0.014	0.023	0.019	0.019
11	0.032	0.024	0.021	0.039	0.027	0.027	0.018	0.018	0.014	0.025	0.022	0.018
12	0.032	0.024	0.022	0.039	0.028	0.024	0.019	0.018	0.014	0.025	0.022	0.017
13	0.038	0.026	0.036	0.035	0.023	0.024	0.02	0.018	0.014	0.024	0.021	0.018
14	0.056	0.029	0.039	0.033	0.022	0.023	0.018	0.018	0.014	0.025	0.02	0.02
15	0.055	0.03	0.037	0.032	0.022	0.022	0.019	0.017	0.013	0.03	0.021	0.018
16	0.042	0.026	0.032	0.034	0.029	0.024	0.019	0.019	0.013	0.026	0.022	0.019
17	0.038	0.027	0.034	0.034	0.024	0.021	0.02	0.019	0.013	0.028	0.021	0.021
18	0.039	0.026	0.026	0.028	0.02	0.021	0.02	0.018	0.013	0.029	0.021	0.019
19	0.036	0.026	0.026	0.031	0.024	0.022	0.018	0.018	0.013	0.027	0.022	0.02
20	0.037	0.026	0.035	0.03	0.022	0.021	0.022	0.019	0.013	0.028	0.022	0.019
21	0.034	0.026	0.03	0.031	0.023	0.023	0.02	0.02	0.013	0.027	0.022	0.019
22	0.036	0.025	0.037	0.033	0.023	0.021	0.021	0.021	0.013	0.026	0.021	0.019
23	0.034	0.026	0.034	0.029	0.024	0.02	0.022	0.02	0.015	0.027	0.023	0.02
24	0.034	0.026	0.031	0.027	0.02	0.018	0.029	0.022	0.022	0.029	0.023	0.02
25	0.035	0.025	0.031	0.028	0.02	0.02	0.032	0.027	0.017	0.029	0.021	0.019
26	0.033	0.026	0.029	0.03	0.023	0.022	0.026	0.027	0.014	0.029	0.022	0.019
27	0.034	0.024	0.03	0.042	0.027	0.028	0.022	0.019	0.014	0.035	0.022	0.02
28	0.034	0.024	0.035	0.037	0.026	0.023	0.021	0.022	0.014	0.03	0.025	0.021
29	0.034	0.023	0.043	0.031	0.022	0.022	0.024	0.02	0.015	0.033	0.025	0.022
30	0.04	0.024	0.038	0.03	0.021	0.024	0.02	0.02	0.015	0.032	0.027	0.022
31	0.035	0.024	0.046	0.031	0.022	0.021	0.024	0.02	0.016	0.029		0.022
32	0.037	0.024		0.028	0.021		0.025	0.022	0.015			
33				0.028								
34												
35												
36												
37												
38												
39												
40												
Minimum	0.015	0.021	0.012	0.027	0.020	0.018	0.008	0.011	0.009	0.016	0.017	0.013
Maximum	0.056	0.030	0.046	0.042	0.029	0.030	0.032	0.027	0.022	0.035	0.027	0.022
Average	0.034	0.025	0.028	0.034	0.025	0.024	0.020	0.019	0.014	0.025	0.021	0.018

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	2/27/2015			3/2/2015			3/3/2015			3/4/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.03	0.028	0.036	0.063	0.059	0.064	0.036	0.043	0.036	0.039	0.039	0.036
2	0.032	0.028	0.024	0.066	0.06	0.06	0.032	0.031	0.027	0.037	0.037	0.038
3	0.037	0.029	0.023	0.07	0.064	0.063	0.032	0.029	0.027	0.042	0.04	0.04
4	0.032	0.028	0.024	0.076	0.07	0.066	0.034	0.031	0.029	0.045	0.041	0.042
5	0.037	0.028	0.025	0.075	0.067	0.068	0.036	0.032	0.031	0.047	0.044	0.045
6	0.036	0.029	0.023	0.078	0.073	0.07	0.038	0.033	0.033	0.047	0.046	0.044
7	0.03	0.028	0.023	0.08	0.073	0.07	0.039	0.034	0.034	0.045	0.045	0.043
8	0.031	0.029	0.022	0.078	0.068	0.069	0.04	0.035	0.034	0.044	0.043	0.044
9	0.028	0.028	0.023	0.077	0.069	0.069	0.04	0.035	0.035	0.048	0.044	0.051
10	0.033	0.028	0.023	0.077	0.07	0.07	0.043	0.035	0.036	0.051	0.048	0.052
11	0.029	0.03	0.02	0.076	0.067	0.068	0.044	0.036	0.034	0.052	0.049	0.053
12	0.029	0.024	0.018	0.08	0.068	0.071	0.042	0.035	0.036	0.053	0.05	0.054
13	0.027	0.021	0.019	0.081	0.071	0.071	0.043	0.037	0.037	0.054	0.052	0.055
14	0.028	0.022	0.019	0.079	0.069	0.071	0.044	0.037	0.037	0.055	0.053	0.056
15	0.028	0.023	0.019	0.078	0.069	0.068	0.046	0.038	0.038	0.057	0.054	0.057
16	0.026	0.021	0.019	0.065	0.061	0.047	0.044	0.037	0.039	0.059	0.055	0.058
17	0.024	0.021	0.017	0.055	0.049	0.044	0.046	0.038	0.04	0.06	0.057	0.058
18	0.022	0.02	0.017	0.053	0.045	0.048	0.043	0.037	0.035	0.061	0.058	0.06
19	0.023	0.02	0.016	0.055	0.051	0.092	0.039	0.034	0.034	0.063	0.06	0.062
20	0.023	0.019	0.017	0.053	0.047	0.044	0.037	0.031	0.031	0.065	0.064	0.066
21	0.024	0.021	0.017	0.052	0.046	0.043	0.035	0.03	0.037	0.064	0.061	0.058
22	0.025	0.022	0.017	0.05	0.044	0.04	0.035	0.029	0.033	0.061	0.055	0.058
23	0.025	0.023	0.017	0.047	0.041	0.038	0.035	0.028	0.029	0.06	0.061	0.057
24	0.028	0.022	0.019	0.044	0.04	0.035	0.035	0.029	0.028	0.061	0.059	0.057
25	0.029	0.023	0.02	0.041	0.037	0.033	0.032	0.026	0.025	0.061	0.057	0.057
26	0.028	0.024	0.022	0.04	0.035	0.032	0.032	0.025	0.024	0.065	0.061	0.057
27	0.031	0.026	0.021	0.039	0.035	0.031	0.032	0.025	0.025	0.064	0.065	0.06
28	0.03	0.026	0.022	0.038	0.034	0.028				0.066	0.06	0.069
29		0.026	0.031	0.035	0.031	0.027				0.069	0.063	0.087
30		0.024	0.027	0.034	0.031	0.026						
31		0.024	0.021	0.033	0.048	0.024						
32		0.023		0.032	0.029							
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.022	0.019	0.016	0.032	0.029	0.024	0.032	0.025	0.024	0.037	0.037	0.036
Maximum	0.037	0.030	0.036	0.081	0.073	0.092	0.046	0.043	0.040	0.069	0.065	0.087
Average	0.029	0.025	0.021	0.059	0.054	0.053	0.038	0.033	0.033	0.055	0.052	0.054

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	3/5/2015			3/6/2015			3/9/2015			3/10/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.017	0.016	0.018	0.028	0.024	0.015	0.073	0.068	0.067	0.101	0.091	0.105
2	0.018	0.017	0.013	0.027	0.024	0.016	0.077	0.064	0.069	0.104	0.094	0.101
3	0.021	0.019	0.019	0.029	0.024	0.017	0.079	0.068	0.073	0.113	0.1	0.111
4	0.023	0.02	0.017	0.033	0.028	0.018	0.083	0.071	0.077	0.131	0.113	0.112
5	0.027	0.021	0.021	0.033	0.027	0.019	0.086	0.073	0.08	0.128	0.113	0.117
6	0.028	0.025	0.018	0.033	0.028	0.02	0.089	0.074	0.082	0.127	0.11	0.12
7	0.029	0.023	0.022	0.032	0.027	0.021	0.09	0.075	0.083	0.127	0.104	0.103
8	0.032	0.025	0.02	0.033	0.027	0.022	0.087	0.078	0.082	0.105	0.079	0.089
9	0.032	0.028	0.02	0.032	0.026	0.022	0.085	0.075	0.082	0.089	0.075	0.078
10	0.032	0.026	0.021	0.032	0.025	0.022	0.081	0.072	0.082	0.078	0.075	0.064
11	0.035	0.027	0.023	0.031	0.025	0.023	0.08	0.071	0.08	0.072	0.063	0.065
12	0.03	0.026	0.03	0.032	0.025	0.024	0.079	0.07	0.077	0.074	0.063	0.067
13	0.032	0.027	0.021	0.031	0.026	0.026	0.075	0.068	0.074	0.077	0.066	0.068
14	0.033	0.025	0.022	0.031	0.025		0.072	0.066	0.072	0.076	0.069	0.065
15	0.031	0.028	0.022	0.032	0.025		0.07	0.063	0.07	0.073	0.061	0.063
16	0.032	0.026	0.024	0.032	0.025		0.066	0.062	0.055	0.074	0.069	0.06
17	0.032	0.026	0.023	0.032	0.026		0.054	0.05	0.051	0.064	0.066	0.053
18	0.033	0.026	0.022	0.032	0.027		0.055	0.049	0.053	0.06	0.064	0.053
19	0.033	0.027	0.023	0.032	0.027		0.057	0.05	0.05	0.063	0.061	0.052
20	0.03	0.028	0.025	0.033	0.027		0.051	0.046	0.039	0.059	0.056	0.052
21	0.035	0.026	0.024	0.032	0.027		0.04	0.038	0.032	0.06	0.054	0.051
22	0.033	0.027	0.025	0.031	0.025		0.032	0.031	0.029	0.058	0.053	0.05
23	0.033	0.029	0.087	0.032	0.027		0.032	0.029	0.029	0.058	0.051	0.048
24	0.036	0.027	0.026	0.033	0.028		0.03	0.029	0.027	0.052	0.047	0.046
25	0.034	0.028	0.025	0.031	0.027		0.03	0.028	0.026	0.054	0.048	0.046
26	0.035	0.029	0.024		0.026		0.028	0.029	0.026	0.049	0.047	0.046
27	0.035	0.028	0.024				0.03	0.028	0.027	0.057	0.051	0.052
28	0.037	0.027	0.022				0.032	0.029	0.029	0.057	0.051	0.05
29	0.035	0.027	0.022				0.037	0.033	0.038	0.052	0.053	0.047
30							0.045	0.04	0.045	0.052	0.044	0.046
31										0.049	0.045	0.043
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.017	0.016	0.013	0.027	0.024	0.015	0.028	0.028	0.026	0.049	0.044	0.043
Maximum	0.037	0.029	0.087	0.033	0.028	0.026	0.090	0.078	0.083	0.131	0.113	0.120
Average	0.031	0.025	0.024	0.032	0.026	0.020	0.061	0.054	0.057	0.077	0.069	0.068

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	3/11/2015			3/12/2015			3/13/2015			3/16/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.065	0.057	0.064	0.015	0.014	0.015	0	0.068	0.026	0.043	0.036	0.043
2	0.068	0.072	0.065	0.015	0.014	0.013	0.012	0.013	0.016	0.047	0.036	0.054
3	0.076	0.064	0.07	0.016	0.015	0.014	0.013	0.015	0.015	0.062	0.044	0.05
4	0.079	0.068	0.073	0.024	0.018	0.011	0.016	0.017	0.016	0.056	0.051	0.04
5	0.085	0.067	0.075	0.017	0.017	0.012	0.019	0.017	0.016	0.048	0.039	0.037
6	0.09	0.072	0.076	0.029	0.019	0.012	0.019	0.017	0.017	0.05	0.041	0.038
7	0.088	0.071	0.075	0.021	0.024	0.011	0.02	0.017	0.014	0.052	0.04	0.04
8	0.092	0.076	0.073	0.016	0.019	0.01	0.02	0.017	0.015	0.047	0.04	0.04
9	0.087	0.069	0.072	0.014	0.015	0.008	0.021	0.018	0.014	0.049	0.039	0.037
10	0.084	0.068	0.072	0.013	0.013	0.009	0.021	0.017	0.013	0.048	0.038	0.038
11	0.084	0.068	0.071	0.014	0.014	0.009	0.021	0.017	0.014	0.046	0.038	0.039
12	0.081	0.069	0.073	0.013	0.013	0.009	0.021	0.016	0.014	0.049	0.04	0.04
13	0.083	0.071	0.075	0.013	0.009	0.009	0.02	0.016	0.013	0.051	0.041	0.041
14	0.085	0.071	0.076	0.017	0.011	0.008	0.019	0.016	0.014	0.052	0.041	0.041
15	0.085	0.081	0.076	0.013	0.008	0.008	0.018	0.016	0.016	0.047	0.041	0.042
16	0.085	0.078	0.075	0.013	0.009	0.008	0.017	0.015	0.016	0.05	0.041	0.043
17	0.087	0.089	0.074	0.014	0.008	0.008	0.016	0.015	0.015	0.054	0.044	0.044
18	0.091	0.073	0.074	0.012	0.009	0.008	0.017	0.015	0.012	0.053	0.045	0.045
19	0.082	0.074	0.075	0.011	0.009	0.008	0.016	0.014	0.012	0.053	0.044	0.045
20	0.084	0.07	0.075	0.011	0.009	0.008	0.014	0.013	0.013	0.052	0.046	0.046
21	0.077	0.068	0.074	0.011	0.009	0.008	0.014	0.013	0.013	0.051	0.044	0.047
22	0.078	0.068	0.075	0.011	0.009	0.008	0.014	0.012	0.014	0.053	0.045	0.047
23	0.08	0.07	0.078	0.013	0.009	0.008	0.014	0.012	0.013	0.053	0.046	0.048
24	0.078	0.074	0.085	0.011	0.008	0.007	0.015	0.013		0.053	0.047	0.048
25	0.084	0.078	0.089	0.011	0.007	0.007	0.015	0.014		0.056	0.046	0.05
26	0.085	0.076	0.086	0.011	0.007	0.006				0.056	0.048	0.052
27	0.083	0.074	0.083	0.009	0.007	0.006				0.055	0.05	0.053
28	0.086	0.074	0.085	0.01	0.006	0.006				0.055	0.05	0.051
29	0.085	0.072	0.082	0.014	0.006	0.007				0.056	0.049	0.049
30	0.081	0.066	0.074	0.01	0.009	0.007						
31	0.076	0.063	0.068		0.01	0.007						
32	0.069	0.058	0.062									
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.065	0.057	0.062	0.009	0.006	0.006	N/A	0.012	0.012	0.043	0.036	0.037
Maximum	0.092	0.089	0.089	0.029	0.024	0.015	0.021	0.068	0.026	0.062	0.051	0.054
Average	0.082	0.071	0.075	0.014	0.011	0.009	0.016	0.017	0.015	0.052	0.043	0.044

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	3/17/2015			3/18/2015			3/19/2015			3/20/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.015	0.013	0.008	0.014	0.03	0.009	0.039	0.04	0.034	0.025	0.034	0.033
2	0.016	0.014	0.009	0.015	0.011	0.007	0.039	0.034	0.036	0.028	0.027	0.026
3	0.017	0.014	0.01	0.012	0.01	0.006	0.038	0.03	0.026	0.029	0.028	0.029
4	0.021	0.014	0.014	0.013	0.01	0.007	0.024	0.029	0.016	0.033	0.027	0.023
5	0.024	0.017	0.017	0.013	0.012	0.007	0.02	0.024	0.015	0.031	0.039	0.025
6	0.026	0.023	0.016	0.015	0.012	0.008	0.018	0.021	0.013	0.033	0.038	0.023
7	0.021	0.02	0.01	0.014	0.012	0.009	0.018	0.021	0.012	0.03	0.037	0.022
8	0.015	0.014	0.008	0.014	0.013	0.009	0.016	0.018	0.012	0.028	0.036	0.021
9	0.015	0.014	0.007	0.014	0.012	0.008	0.016	0.018	0.012	0.027	0.035	0.022
10	0.016	0.015	0.009	0.014	0.012	0.008	0.015	0.018	0.019	0.026	0.038	0.024
11	0.017	0.015	0.009	0.014	0.011	0.011	0.015	0.015	0.014	0.03	0.039	0.025
12	0.016	0.015	0.009	0.013	0.014	0.008	0.017	0.016	0.018	0.031	0.039	0.026
13	0.016	0.016	0.008	0.015	0.013	0.008	0.016	0.016	0.015	0.033	0.042	0.025
14	0.016	0.014	0.008	0.014	0.012	0.008	0.016	0.014	0.015	0.033	0.038	0.026
15	0.013	0.014	0.007	0.017	0.013	0.008	0.015	0.013	0.018	0.033	0.04	0.026
16	0.012	0.015	0.007	0.015	0.013	0.009	0.015	0.011	0.011	0.033	0.035	0.024
17	0.013	0.015	0.008	0.016	0.015	0.009	0.014	0.01	0.009	0.031	0.032	0.022
18	0.016	0.015	0.008	0.018	0.016	0.01	0.013	0.008	0.009	0.031	0.03	0.02
19	0.015	0.015	0.009	0.018	0.017	0.011	0.012	0.009	0.012	0.027	0.029	0.02
20	0.014	0.016	0.009	0.02	0.016	0.011	0.013	0.009	0.011	0.027	0.029	0.019
21	0.014	0.015	0.008	0.019	0.014	0.011	0.013	0.011	0.01	0.026	0.028	0.019
22	0.013	0.015	0.013	0.021	0.018	0.011	0.012	0.011	0.01			
23	0.013	0.014	0.008	0.021	0.017	0.012	0.012	0.013	0.011			
24	0.014	0.013	0.009	0.022	0.018	0.012	0.013	0.011	0.013			
25	0.015	0.013	0.012	0.02	0.017	0.011	0.013	0.013	0.014			
26	0.014	0.013	0.014	0.021	0.017	0.011	0.013	0.011	0.015			
27	0.013	0.015	0.01	0.023	0.017	0.01						
28	0.013	0.014	0.008	0.022	0.017	0.01						
29	0.013	0.015	0.008	0.02	0.016							
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.012	0.013	0.007	0.012	0.010	0.006	0.012	0.008	0.009	0.025	0.027	0.019
Maximum	0.026	0.023	0.017	0.023	0.030	0.012	0.039	0.040	0.036	0.033	0.042	0.033
Average	0.016	0.015	0.010	0.017	0.015	0.009	0.018	0.017	0.015	0.030	0.034	0.024

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	4/7/2015			4/8/2015			4/9/2015			4/10/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.019	0.021	0.023	0.03	0.03	0.013	0.021	0.018	0.024	0.021	0.022	0.027
2	0.019	0.026	0.017	0.033	0.031	0.011	0.021	0.021	0.02	0.025	0.023	0.018
3	0.018	0.022	0.017	0.036	0.033	0.011	0.026	0.023	0.022	0.027	0.025	0.018
4	0.019	0.018	0.017	0.037	0.035	0.012	0.028	0.026	0.026	0.025	0.022	0.018
5	0.019	0.024	0.017	0.038	0.036	0.012	0.028	0.029	0.026	0.024	0.022	0.018
6	0.019	0.018	0.017	0.037	0.032	0.012	0.029	0.028	0.026	0.024	0.023	0.019
7	0.019	0.022	0.017	0.038	0.033	0.011	0.031	0.029	0.028	0.024	0.023	0.019
8	0.019	0.02	0.017	0.038	0.035	0.01	0.042	0.033	0.031	0.024	0.022	0.016
9	0.022	0.021	0.018	0.036	0.034	0.009	0.034	0.031	0.029	0.023	0.02	0.016
10	0.021	0.021	0.018	0.035	0.032	0.007	0.033	0.032	0.029	0.023	0.022	0.019
11	0.028	0.023	0.018	0.033	0.029	0.006	0.035	0.033	0.03	0.026	0.024	0.022
12	0.021	0.024	0.018	0.037	0.026	0.005	0.039	0.035	0.032	0.026	0.026	0.022
13	0.019	0.02	0.018	0.035	0.026	0.007	0.04	0.036	0.032	0.026	0.025	0.02
14	0.016	0.02	0.017	0.032	0.027	0.006	0.038	0.038	0.035	0.025	0.025	0.018
15	0.016	0.019	0.015	0.033	0.028	0.005	0.046	0.038	0.035	0.023	0.024	0.018
16	0.018	0.025	0.015	0.036	0.031	0.004	0.047	0.035	0.036	0.023	0.023	0.016
17	0.018	0.023	0.015	0.034	0.027	0.002	0.041	0.035	0.033	0.022	0.022	0.015
18	0.015	0.024	0.016	0.033	0.024	0.002	0.036	0.031	0.031	0.019	0.02	0.013
19	0.015	0.025	0.015	0.032	0.025	0	0.032	0.028	0.029	0.017	0.018	0.011
20	0.016	0.024	0.015	0.029	0.023	-0.002	0.028	0.026	0.024	0.014	0.016	0.008
21	0.017	0.021	0.015	0.028	0.023	-0.001	0.028	0.022	0.023	0.015	0.013	0.007
22	0.017	0.017	0.015	0.023	0.018	0.001	0.029	0.02	0.022	0.023	0.017	0.008
23	0.014	0.015	0.014	0.026	0.019	0	0.031	0.021	0.023	0.014	0.015	0.009
24	0.018	0.015	0.014	0.024	0.018	0	0.023	0.021	0.021	0.014	0.015	
25	0.014	0.015	0.013	0.024	0.018	-0.001	0.021	0.02	0.021			
26	0.013	0.015	0.014	0.024	0.019	-0.001	0.028	0.018	0.019			
27	0.011	0.014	0.012	0.023	0.019	-0.001	0.027	0.017	0.017			
28	0.013	0.016	0.012	0.026	0.021	-0.002	0.025	0.017	0.016			
29	0.013	0.016	0.013	0.027	0.02	-0.002	0.024	0.015	0.015			
30	0.013	0.013	0.013	0.028	0.023	-0.003	0.022	0.015	0.014			
31			0.013	0.022	0.019	-0.004	0.022	0.013	0.014			
32				0.021	0.017	-0.004	0.014	0.012	0.016			
33				0.02	0.015	-0.005	0.015	0.012	0.018			
34				0.019	0.014	-0.006		0.013				
35				0.018	0.013	-0.007						
36					0.013	-0.007						
37												
38												
39												
40												
Minimum	0.011	0.013	0.012	0.018	0.013	-0.007	0.014	0.012	0.014	0.014	0.013	0.007
Maximum	0.028	0.026	0.023	0.038	0.036	0.013	0.047	0.038	0.036	0.027	0.026	0.027
Average	0.017	0.020	0.016	0.030	0.025	0.003	0.030	0.025	0.025	0.022	0.021	0.016

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	4/13/2015			4/14/2015			4/15/2015			4/16/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.027	0.024	0.028	0.018	0.02	0.014	0.048	0.035	0.02	0	0.011	0.015
2	0.027	0.023	0.024	0.01	0.016	0.005	0.027	0.027	0.011	0.016	0.012	0.008
3	0.032	0.027	0.021	0.01	0.013	0.005	0.013	0.032	0.008	0.019	0.014	0.008
4	0.028	0.026	0.02	0.009	0.011	0.005	0.011	0.016	0.006	0.014	0.013	0.01
5	0.042	0.036	0.02	0.007	0.012	0.004	0.01	0.009	0.007	0.017	0.015	0.012
6	0.038	0.049	0.02	0.006	0.01	0.004	0.01	0.012	0.008	0.016	0.015	0.011
7	0.046	0.032	0.021	0.006	0.009	0.005	0.011	0.009	0.008	0.015	0.014	0.008
8	0.037	0.025	0.021	0.007	0.019	0.005	0.011	0.008	0.007	0.015	0.01	0.006
9	0.034	0.023	0.02	0.009	0.012	0.005	0.009	0.007	0.007	0.012	0.008	0.005
10	0.029	0.022	0.019	0.011	0.016	0.006	0.015	0.004	0.007	0.009	0.008	0.005
11	0.033	0.026	0.018	0.007	0.013	0.016	0.008	0.004	0.005	0.011	0.007	0.004
12	0.028	0.025	0.019	0.006	0.011	0.007	0.009	0.004	0.007	0.007	0.006	0.004
13	0.028	0.022	0.019	0.005	0.008	0.004	0.006	0.003	0.006	0.004	0.006	0.005
14	0.03	0.023	0.019	0.005	0.007	0.003	0.006	0.003	0.006	0.004	0.006	0.004
15	0.028	0.024	0.019	0.006	0.017	0.004	0.012	0.003	0.005	0.006	0.005	0.004
16	0.029	0.023	0.019	0.005	0.011	0.004	0.007	0.003	0.005	0.005	0.006	0.004
17	0.025	0.022	0.018	0.006	0.014	0.005	0.009	0.004	0.005	0.005	0.003	0.004
18	0.023	0.023	0.018	0.006	0.021	0.004	0.007	0.004	0.005	0.003	0.006	0.004
19	0.022	0.02	0.017	0.006	0.006	0.005	0.009	0	0.004	0.004	0.004	0.005
20	0.02	0.018	0.016	0.006	0.007	0.004	0.006	0.002	0.004	0.002	0.003	0.008
21	0.021	0.02	0.016		0.01	0.003	0.004	0	0.003	0.002	0.003	0.005
22	0.019	0.019	0.016		0.008	0.004	0.002	0.001	0.003	0.002	0.001	0.011
23	0.021	0.019	0.016		0.007	0.006	0	0.001	0.003	0.006	0.011	0.011
24	0.023	0.019	0.017		0.012	0.007	0	0	0.006	0.014	0.001	0.013
25	0.02	0.018	0.018		0.092	0.032	0	0	0.004	0.003	0.001	0.007
26	0.023	0.021	0.018		0.054	0.009	0	0	0.002	0.002	0.003	0.005
27	0.022	0.022	0.018		0.032	0.004	0	0	0.002	0.004	0.003	0.005
28	0.024	0.021	0.018		0.058	0.003	-0.001	0	0.002	0.004	0.001	0.007
29	0.025	0.024	0.023		0.05	0.007	0	0.003	0.003	0.003	0.003	0.005
30	0.024	0.023	0.019		0.019	0.005	0.002	0.002	0.003	0.008	0.002	0.006
31	0.022	0.022	0.02		0.009		0	0.001	0.002	0.006	0.006	
32	0.024	0.025	0.02				0	0.001	0.002			
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.019	0.018	0.016	0.005	0.006	0.003	-0.001	N/A	0.002	N/A	0.001	0.004
Maximum	0.046	0.049	0.028	0.018	0.092	0.032	0.048	0.035	0.020	0.019	0.015	0.015
Average	0.027	0.024	0.019	0.008	0.019	0.006	0.008	0.006	0.006	0.008	0.007	0.007

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	4/17/2015			4/20/2015			4/21/2015			4/22/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.071	0.063	0.051	0.008	0.038	0.01	0.031	0.035	0.049	0.005	0.016	0.023
2	0.071	0.053	0.054	0.007	0.003	0.003	0.031	0.03	0.022	0.006	0.013	0.009
3	0.084	0.061	0.062	0.008	0.004	0.003	0.023	0.025	0.018	0.007	0.015	0.01
4	0.085	0.07	0.062	0.008	0.004	0.003	0.022	0.022	0.015	0.013	0.019	0.011
5	0.088	0.06	0.065	0.008	0.004	0.004	0.019	0.025	0.011	0.013	0.023	0.009
6	0.079	0.068	0.06	0.01	0.005	0.004	0.016	0.018	0.01	0.011	0.017	0.009
7	0.079	0.055	0.066	0.012	0.007	0.005	0.016	0.017	0.011	0.016	0.015	0.008
8	0.076	0.059	0.065	0.012	0.008	0.006	0.015	0.015	0.011	0.014	0.017	0.008
9	0.078	0.057	0.069	0.015	0.01	0.008	0.018	0.026	0.011	0.015	0.018	0.008
10	0.08	0.063	0.07	0.017	0.012	0.009	0.014	0.013	0.011	0.015	0.016	0.008
11	0.076	0.062	0.066	0.016	0.013	0.009	0.013	0.013	0.012	0.012	0.014	0.008
12	0.071	0.058	0.064	0.014	0.015	0.009	0.014	0.012	0.011	0.012	0.015	0.009
13	0.069	0.057	0.065	0.015	0.015	0.01	0.014	0.015	0.012	0.011	0.015	0.009
14	0.068	0.06	0.068	0.016	0.016	0.011	0.016	0.016	0.014	0.009	0.015	0.007
15	0.07	0.064	0.072	0.016	0.015	0.012	0.018	0.015	0.013	0.009	0.015	0.006
16	0.075	0.065	0.077	0.02	0.016	0.014	0.015	0.014	0.012	0.011	0.014	0.006
17	0.076	0.072	0.079	0.028	0.022	0.015	0.022	0.015	0.013	0.01	0.013	0.006
18	0.077	0.078	0.078	0.053	0.023	0.015	0.025	0.024	0.014	0.009	0.012	0.008
19	0.081	0.071	0.073	0.062	0.024	0.016	0.022	0.022	0.012	0.009	0.013	0.01
20	0.072	0.065	0.068	0.045	0.022	0.016	0.018	0.016	0.01	0.01	0.014	0.011
21	0.078	0.067	0.071	0.045	0.024	0.017	0.015	0.013	0.009	0.009	0.015	0.01
22	0.069	0.062	0.062	0.029	0.019	0.018	0.013	0.011	0.01	0.009	0.015	0.011
23	0.066	0.056	0.063	0.034	0.024	0.019	0.011	0.011	0.01	0.008	0.013	0.01
24	0.068	0.055	0.068	0.03	0.02	0.019	0.011	0.01	0.01	0.007	0.013	0.011
25	0.074	0.062	0.075	0.027	0.019	0.021	0.01	0.011	0.009	0.008	0.015	0.012
26	0.074	0.062		0.031	0.022	0.023	0.011	0.011	0.009	0.012	0.016	0.014
27				0.026	0.025		0.009	0.009	0.008	0.012	0.016	0.014
28				0.028	0.028		0.008	0.008	0.011	0.011	0.016	0.014
29							0.006	0.007	0.007	0.012	0.017	0.014
30							0.006	0.007	0.008	0.014	0.017	0.016
31										0.018	0.02	0.017
32										0.018	0.022	0.02
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.066	0.053	0.051	0.007	0.003	0.003	0.006	0.007	0.007	0.005	0.012	0.006
Maximum	0.088	0.078	0.079	0.062	0.038	0.023	0.031	0.035	0.049	0.018	0.023	0.023
Average	0.075	0.063	0.067	0.023	0.016	0.012	0.016	0.016	0.013	0.011	0.016	0.011

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	4/23/2015			4/24/2015			4/27/2015			4/28/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0	0.009	0.009	0	0.016	0.014	0.005	0.014	0.006	0.02	0.024	0.033
2	0.007	0.011	0.007	0.012	0.014	0.006	0.005	0.009	0.003	0.019	0.018	0.012
3	0.008	0.015	0.007	0.009	0.019	0.006	0.005	0.012	0.003	0.018	0.015	0.013
4	0.01	0.015	0.014	0.01	0.017	0.007	0.007	0.013	0.004	0.019	0.014	0.014
5	0.012	0.016	0.008	0.011	0.019	0.008	0.008	0.015	0.005	0.021	0.016	0.014
6	0.014	0.014	0.008	0.014	0.019	0.008	0.009	0.015	0.005	0.019	0.015	0.014
7	0.014	0.017	0.009	0.014	0.019	0.01	0.012	0.016	0.006	0.02	0.017	0.014
8	0.015	0.017	0.01	0.017	0.018	0.009	0.011	0.013	0.006	0.018	0.015	0.014
9	0.014	0.017	0.02	0.015	0.016	0.01	0.011	0.014	0.006	0.019	0.018	0.017
10	0.017	0.018	0.012	0.015	0.018	0.009	0.012	0.015	0.006	0.02	0.016	0.02
11	0.018	0.019	0.013	0.014	0.017	0.009	0.014	0.013	0.006	0.022	0.016	0.019
12	0.019	0.017	0.009	0.015	0.016	0.009	0.02	0.011	0.006	0.024	0.014	0.017
13	0.016	0.016	0.008	0.014	0.021	0.008	0.012	0.011	0.005	0.019	0.012	0.015
14	0.015	0.016	0.008	0.014	0.017	0.009	0.013	0.011	0.006	0.02	0.012	0.013
15	0.015	0.019	0.009	0.014	0.018	0.009	0.011	0.013	0.006	0.017	0.011	0.012
16	0.017	0.019	0.011	0.016	0.017	0.01	0.011	0.013	0.005	0.015	0.009	0.01
17	0.019	0.022	0.017	0.016	0.019	0.01	0.015	0.011	0.005	0.015	0.01	0.01
18	0.022	0.021	0.011	0.019	0.019	0.01	0.013	0.011	0.005	0.013	0.009	0.009
19	0.021	0.022	0.01	0.017	0.019	0.011	0.009	0.012	0.005	0.015	0.008	0.011
20	0.021	0.018	0.008	0.02	0.018	0.012	0.011	0.012	0.006	0.018	0.011	0.017
21	0.017	0.017	0.009	0.018	0.02	0.011	0.014	0.013	0.007	0.021	0.012	0.015
22	0.017	0.018	0.009	0.018	0.017	0.011	0.017	0.013	0.008	0.02	0.011	0.013
23	0.017	0.017	0.009	0.017	0.019	0.011	0.019	0.015	0.007	0.017	0.011	0.012
24	0.017	0.016	0.021	0.018	0.023	0.013	0.027	0.014	0.007	0.017	0.011	0.012
25	0.017	0.019	0.01	0.027	0.026	0.014	0.024	0.014	0.007	0.02	0.01	0.015
26	0.017	0.02	0.012	0.039	0.023	0.015	0.024	0.014	0.008	0.028	0.011	0.016
27	0.019	0.022	0.015	0.038	0.022		0.014	0.014	0.009	0.025	0.011	0.022
28	0.023	0.022	0.027	0.033			0.015	0.014		0.027	0.01	0.012
29	0.025	0.025	0.016							0.026	0.01	0.013
30	0.027	0.024	0.015							0.025	0.011	0.012
31	0.027											
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	0.009	0.007	N/A	0.014	0.006	0.005	0.009	0.003	0.013	0.008	0.009
Maximum	0.027	0.025	0.027	0.039	0.026	0.015	0.027	0.016	0.009	0.028	0.024	0.033
Average	0.017	0.018	0.012	0.017	0.019	0.010	0.013	0.013	0.006	0.020	0.013	0.015

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	4/29/2015			4/30/2015			5/1/2015			5/4/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.04	0.042	0.047	0.064	0.087	0.069	0.012	0.025	0.018	0.043	0.056	0.125
2	0.044	0.034	0.029	0.073	0.076	0.075	0.012	0.01	0.008	0.043	0.05	0.028
3	0.033	0.03	0.027	0.079	0.083	0.078	0.011	0.019	0.007	0.046	0.044	0.028
4	0.031	0.028	0.026	0.081	0.083	0.083	0.013	0.011	0.008	0.04	0.044	0.028
5	0.03	0.027	0.026	0.079	0.082	0.076	0.021	0.008	0.01	0.04	0.049	0.027
6	0.033	0.025	0.026	0.072	0.079	0.071	0.021	0.006	0.008	0.037	0.042	0.026
7	0.028	0.024	0.024	0.067	0.064	0.056	0.019	0.007	0.009	0.035	0.043	0.024
8	0.032	0.025	0.029	0.053	0.053	0.052	0.02	0.006	0.008	0.035	0.041	0.023
9	0.037	0.038	0.03	0.051	0.054	0.047	0.018	0.004	0.008	0.034	0.041	0.022
10	0.031	0.026	0.028	0.046	0.05	0.044	0.017	0.005	0.009	0.04	0.043	0.021
11	0.027	0.021	0.024	0.042	0.047	0.041	0.02	0.008	0.008	0.034	0.05	0.021
12	0.027	0.02	0.024	0.04	0.044	0.039	0.011	0.007	0.012	0.029	0.034	0.02
13	0.025	0.018	0.023	0.036	0.04	0.035	0.009	0.014	0.005	0.027	0.03	0.018
14	0.025	0.017	0.021	0.036	0.043	0.034	0.005	0.018	0.005	0.026	0.026	0.018
15	0.024	0.019	0.019	0.032	0.04	0.032	0.004	0.018	0.007	0.025	0.021	0.018
16	0.023	0.016	0.018	0.03	0.041	0.028	0.008	0.006	0.007	0.027	0.021	0.019
17	0.026	0.021	0.037	0.026	0.033	0.027	0.004	0.014	0.004	0.028	0.022	0.017
18	0.024	0.02	0.022	0.028	0.034	0.025	0.004	0.011	0.005	0.027	0.023	0.017
19	0.022	0.017	0.015	0.024	0.031	0.023	0.007	0.005	0.017	0.03	0.025	0.017
20	0.018	0.014	0.015	0.025	0.028	0.019	0.006	0.004	0.004	0.025	0.028	0.016
21	0.017	0.014	0.015	0.018	0.032	0.016	0.003	0.011	0.003	0.026	0.021	0.017
22	0.017	0.015	0.015	0.017	0.029	0.015	0.003	0.008	0.003	0.027	0.024	0.018
23	0.017	0.021	0.015	0.013	0.026	0.013	0.006	0.005	0.003	0.026	0.024	0.018
24	0.024	0.023	0.014	0.012	0.026	0.011	0.009	0.001	0.003	0.027	0.022	0.018
25	0.024	0.022	0.014	0.011	0.023	0.01	0.017	0.003	0.003	0.027	0.024	0.018
26	0.018	0.014	0.013	0.015	0.018	0.011	0.01	0.002	0.003	0.029	0.026	0.02
27	0.017	0.014	0.012	0.014	0.019	0.012	0.003	0.006	0.003	0.027	0.032	0.025
28	0.014	0.01	0.012	0.019	0.028	0.013	0.006	0	0.003	0.028	0.029	0.024
29				0.018	0.026	0.018	0.005	0.012		0.028	0.031	0.024
30					0.024					0.026	0.026	0.023
31											0.026	0.023
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.014	0.010	0.012	0.011	0.018	0.010	0.003	N/A	0.003	0.025	0.021	0.016
Maximum	0.044	0.042	0.047	0.081	0.087	0.083	0.021	0.025	0.018	0.046	0.056	0.125
Average	0.026	0.022	0.022	0.039	0.045	0.037	0.010	0.009	0.007	0.031	0.033	0.025

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	5/5/2015			5/6/2015			5/7/2015			5/8/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.084	0.076	0.092	0.016	0.016	0.023	0.026	0.025	0.05	0.029	0.029	0.031
2	0.073	0.066	0.076	0.016	0.017	0.016	0.027	0.024	0.028	0.033	0.028	0.028
3	0.066	0.098	0.066	0.016	0.017	0.015	0.027	0.022	0.027	0.032	0.029	0.026
4	0.068	0.07	0.067	0.015	0.017	0.014	0.029	0.028	0.027	0.032	0.025	0.028
5	0.065	0.07	0.066	0.014	0.018	0.012	0.029	0.021	0.025	0.034	0.025	0.028
6	0.067	0.081	0.07	0.012	0.02	0.011	0.021	0.017	0.022	0.031	0.024	0.029
7	0.068	0.088	0.072	0.011	0.018	0.011	0.02	0.015	0.02	0.033	0.027	0.028
8	0.066	0.072	0.073	0.012	0.017	0.013	0.02	0.013	0.018	0.028	0.024	0.025
9	0.06	0.069	0.068	0.013	0.019	0.014	0.015	0.009	0.015	0.028	0.026	0.025
10	0.057	0.061	0.065	0.016	0.018	0.016	0.015	0.009	0.015	0.026	0.023	0.022
11	0.054	0.06	0.062	0.016	0.019	0.017	0.015	0.008	0.014	0.026	0.023	0.021
12	0.054	0.056	0.061	0.018	0.021	0.017	0.015	0.009	0.014	0.024	0.019	0.021
13	0.053	0.052	0.059	0.018	0.021	0.019	0.012	0.007	0.011	0.02	0.017	0.02
14	0.049	0.051	0.055	0.019	0.018	0.022	0.011	0.006	0.011	0.021	0.018	0.02
15	0.048	0.048	0.051	0.021	0.02	0.022	0.01	0.009	0.01	0.023	0.018	0.021
16	0.045	0.05	0.053	0.02	0.02	0.021	0.008	0.008	0.01	0.024	0.02	0.021
17	0.041	0.046	0.05	0.017	0.021	0.019	0.008	0.01	0.01	0.024	0.02	0.021
18	0.044	0.044	0.051	0.015	0.021	0.015	0.008	0.005	0.01	0.024	0.02	0.024
19	0.041	0.04	0.051	0.015	0.019	0.014	0.007	0.003	0.01	0.028	0.025	0.028
20	0.035	0.038	0.044	0.014	0.015	0.018	0.008	0.004	0.01	0.033	0.03	0.032
21	0.034	0.032	0.038	0.013	0.013	0.028	0.009	0.006	0.013	0.034	0.034	0.033
22	0.032	0.035	0.035	0.013	0.013	0.017	0.01	0.006	0.015	0.036	0.035	0.033
23	0.033	0.034	0.039	0.013	0.011	0.015	0.01	0.006	0.011	0.036	0.033	0.033
24	0.031	0.032	0.035	0.011	0.011	0.013	0.012	0.016	0.011	0.035	0.033	0.033
25	0.031	0.034	0.034	0.01	0.013	0.012	0.009	0.018	0.012	0.033	0.03	0.03
26	0.031	0.034	0.035	0.01	0.012		0.015	0.009	0.019	0.032	0.028	0.029
27	0.031	0.032	0.034		0.015		0.015	0.018	0.018	0.033	0.028	0.029
28	0.032	0.033	0.033				0.015	0.01	0.017	0.035	0.032	0.03
29	0.032	0.034	0.035				0.015	0.01	0.018	0.034	0.032	0.03
30	0.033	0.034	0.034				0.014	0.01	0.018	0.035	0.031	0.032
31	0.032	0.031	0.033				0.014	0.009	0.016		0.03	0.033
32			0.032				0.015	0.011	0.017			
33							0.016	0.013	0.017			
34							0.016	0.011	0.016			
35							0.016	0.01				
36							0.016	0.014				
37							0.016	0.012				
38							0.016	0.01				
39												
40												
Minimum	0.031	0.031	0.032	0.010	0.011	0.011	0.007	0.003	0.010	0.020	0.017	0.020
Maximum	0.084	0.098	0.092	0.021	0.021	0.028	0.029	0.028	0.050	0.036	0.035	0.033
Average	0.048	0.052	0.052	0.015	0.017	0.017	0.015	0.012	0.017	0.030	0.026	0.027

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	5/11/2015			5/12/2015			5/13/2015			5/14/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.066	0.064	0.065	0.019	0.018	0.023	0.011	0.012	0.009	0.027	0.031	0.028
2	0.061	0.057	0.059	0.014	0.013	0.011	0.013	0.007	0.007	0.021	0.02	0.018
3	0.054	0.052	0.05	0.012	0.01	0.01	0.015	0.009	0.007	0.018	0.019	0.017
4	0.049	0.042	0.049	0.013	0.011	0.01	0.015	0.006	0.006	0.016	0.016	0.016
5	0.051	0.044	0.049	0.013	0.01	0.011	0.012	0.007	0.006	0.017	0.017	0.017
6	0.044	0.039	0.04	0.012	0.01	0.013	0.012	0.009	0.007	0.019	0.018	0.021
7	0.038	0.032	0.039	0.014	0.011	0.013	0.013	0.008	0.008	0.02	0.019	0.018
8	0.038	0.033	0.039	0.014	0.011	0.013	0.011	0.011	0.008	0.022	0.017	0.017
9	0.04	0.033	0.042	0.013	0.011	0.012	0.012	0.011	0.009	0.022	0.016	0.017
10	0.041	0.034	0.043	0.011	0.01	0.01	0.01	0.012	0.009	0.018	0.015	0.017
11	0.043	0.038	0.042	0.011	0.009	0.009	0.009	0.01	0.008	0.017	0.016	0.018
12	0.043	0.039	0.042	0.011	0.008	0.009	0.01	0.008	0.007	0.021	0.017	0.02
13	0.04	0.037	0.042	0.012	0.008	0.01	0.013	0.008	0.008	0.018	0.014	0.02
14	0.042	0.037	0.045	0.012	0.009	0.01	0.011	0.01	0.008	0.021	0.015	0.022
15	0.043	0.041	0.044	0.012	0.01	0.01	0.011	0.011	0.008	0.021	0.015	0.018
16	0.048	0.045	0.045	0.012	0.009	0.01	0.014	0.008	0.008	0.019	0.014	0.018
17	0.046	0.043	0.046	0.012	0.009	0.012	0.011	0.011	0.008	0.021	0.015	0.018
18	0.049	0.043	0.048	0.012	0.009	0.01	0	0.011	0.009	0.018	0.013	0.016
19	0.052	0.047	0.054	0.013	0.01	0.011		0.01	0.008	0.017	0.011	0.016
20	0.056	0.049	0.055	0.014	0.012	0.012		0.01	0.008	0.017	0.012	0.014
21	0.058	0.05	0.054	0.016	0.013	0.013		0.011	0.009	0.016	0.011	0.014
22	0.056	0.054	0.053	0.013	0.013	0.009		0.012	0.01	0.016	0.009	0.014
23	0.053	0.052	0.049	0.01	0.01	0.008		0.015	0.011	0.015	0.008	0.013
24	0.05	0.047	0.046	0.01	0.009	0.008		0.015	0.012	0.015	0.009	0.014
25	0.049	0.046	0.045	0.01	0.01	0.009		0.014	0.013	0.013	0.008	0.012
26	0.047	0.045	0.043	0.011	0.012	0.009		0.015	0.014	0.014	0.008	0.014
27	0.045	0.04	0.041		0.012	0.01		0.015	0.014	0.015	0.009	0.02
28		0.04						0.017	0.013	0.014	0.009	0.015
29								0.015	0.013			
30								0.016	0.014			
31								0.014	0.012			
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.038	0.032	0.039	0.010	0.008	0.008	N/A	0.006	0.006	0.013	0.008	0.012
Maximum	0.066	0.064	0.065	0.019	0.018	0.023	0.015	0.017	0.014	0.027	0.031	0.028
Average	0.048	0.044	0.047	0.013	0.011	0.011	0.011	0.011	0.009	0.018	0.014	0.017

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	5/15/2015			5/18/2015			5/19/2015			5/20/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.017	0.022	0.018	0.042	0.042	0.043	0.028	0.039	0.011	0.009	0.015	0.004
2	0.016	0.017	0.018	0.041	0.041	0.042	0.012	0.021	0.007	0.007	0.009	0.007
3	0.017	0.017	0.019	0.038	0.038	0.041	0.011	0.018	0.005	0.011	0.013	0.009
4	0.019	0.018	0.021	0.037	0.038	0.039	0.011	0.018	0.005	0.012	0.011	0.007
5	0.019	0.019	0.021	0.034	0.034	0.036	0.01	0.016	0.004	0.011	0.01	0.012
6	0.018	0.018	0.019	0.033	0.034	0.036	0.009	0.017	0.004	0.017	0.022	0.022
7	0.018	0.017	0.019	0.034	0.036	0.035	0.01	0.014	0.006	0.025	0.026	0.022
8	0.019	0.018	0.019	0.035	0.037	0.035	0.014	0.016	0.007	0.021	0.02	0.017
9	0.02	0.017	0.017	0.034	0.034	0.035	0.014	0.018	0.009	0.019	0.019	0.017
10	0.018	0.016	0.016	0.035	0.033	0.036	0.016	0.018	0.006	0.016	0.019	0.018
11	0.018	0.015	0.015	0.037	0.034	0.037	0.014	0.014	0.006	0.019	0.018	0.018
12	0.019	0.014	0.015	0.037	0.037	0.038	0.012	0.015	0.004	0.018	0.016	0.015
13	0.018	0.013	0.014	0.035	0.035	0.037	0.01	0.013	0.003	0.014	0.013	0.012
14	0.02	0.017	0.014	0.037	0.037	0.038	0.011	0.015	0.002	0.013	0.011	0.011
15	0.019	0.015	0.015	0.037	0.037	0.037	0.01	0.015	0.003	0.012	0.008	0.01
16	0.018	0.014	0.015	0.036	0.033	0.037	0.012	0.016	0.005	0.011	0.009	0.008
17	0.018	0.015	0.015	0.037	0.036	0.038	0.012	0.024	0.004	0.011	0.009	0.009
18	0.018	0.013	0.015	0.039	0.038	0.041	0.012	0.02	0.005	0.009	0.01	0.009
19	0.021	0.02	0.015	0.039	0.037	0.04	0.013	0.021	0.005	0.01	0.01	0.009
20	0.021	0.018	0.016	0.039	0.037	0.041	0.018	0.024	0.004	0.011	0.01	0.009
21	0.019	0.02	0.015	0.038	0.038	0.041	0.019	0.019	0.005	0.012	0.01	0.01
22	0.02	0.019	0.015	0.038	0.04	0.041	0.017	0.022	0.003	0.017	0.012	0.01
23	0.018	0.015	0.016	0.039	0.04	0.04	0.01	0.019	0.003	0.012	0.011	0.01
24	0.02	0.014	0.016	0.039	0.037	0.039	0.014	0.015	0.003	0.011	0.01	0.009
25	0.025	0.021	0.031	0.039	0.036	0.039	0.015	0.02	0.003	0.011	0.01	0.009
26	0.028	0.031	0.023	0.038	0.038	0.038	0.011	0.019	0.004	0.016	0.01	0.011
27		0.018				0.037	0.01	0.022	0.003	0.013	0.012	0.008
28								0.023		0.013	0.011	0.008
29										0.011	0.013	0.008
30												0.008
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.016	0.013	0.014	0.033	0.033	0.035	0.009	0.013	0.002	0.007	0.008	0.004
Maximum	0.028	0.031	0.031	0.042	0.042	0.043	0.028	0.039	0.011	0.025	0.026	0.022
Average	0.019	0.017	0.017	0.037	0.037	0.038	0.013	0.019	0.005	0.014	0.013	0.011

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	5/21/2015			5/22/2015			5/26/2015			5/27/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.016	0.015	0.01	0.01	0.017	0.01	0.02	0.02	0.019	0.018	0.022	0.016
2	0.02	0.013	0.009	0.01	0.012	0.01	0.02	0.02	0.019	0.018	0.02	0.015
3	0.011	0.011	0.009	0.01	0.012	0.011	0.02	0.021	0.019	0.018	0.018	0.015
4	0.014	0.01	0.008	0.013	0.012	0.011	0.02	0.022	0.02	0.02	0.019	0.014
5	0.012	0.01	0.008	0.011	0.012	0.012	0.021	0.026	0.02	0.02	0.022	0.014
6	0.012	0.012	0.007	0.012	0.015	0.012	0.021	0.022	0.02	0.025	0.022	0.015
7	0.011	0.013	0.01	0.015	0.015	0.012	0.023	0.021	0.021	0.027	0.026	0.015
8	0.012	0.017	0.012	0.015	0.014	0.013	0.023	0.021	0.022	0.028	0.028	0.016
9	0.011	0.01	0.009	0.02	0.023	0.011	0.027	0.024	0.023	0.025	0.026	0.016
10	0.012	0.017	0.009	0.017	0.013	0.015	0.027	0.025	0.023	0.025	0.027	0.015
11	0.013	0.015	0.009	0.022	0.015	0.011	0.025	0.022	0.024	0.026	0.023	0.017
12	0.014	0.013	0.008	0.016	0.014	0.01	0.025	0.025	0.023	0.026	0.027	0.017
13	0.012	0.012	0.01	0.016	0.011	0.015	0.024	0.023	0.023	0.027	0.028	0.017
14	0.012	0.016	0.009	0.016	0.013	0.012	0.024	0.021	0.022	0.028	0.028	0.018
15	0.01	0.013	0.008	0.02	0.012	0.01	0.026	0.029	0.023	0.027	0.027	0.017
16	0.012	0.01	0.008	0.01	0.013	0.01	0.027	0.028	0.023	0.027	0.026	0.015
17	0.013	0.014	0.009	0.01	0.013	0.01	0.033	0.03	0.024	0.025	0.02	0.013
18	0.014	0.009	0.009	0.009	0.013	0.011	0.033	0.026	0.023	0.028	0.023	0.011
19	0.014	0.01	0.009	0.021	0.015	0.01	0.034	0.032	0.023	0.027	0.022	0.009
20	0.014	0.022	0.009	0.023	0.015	0.008	0.027	0.026	0.024	0.026	0.022	0.008
21	0.014	0.014	0.009	0.015	0.012	0.01	0.029	0.027	0.025	0.02	0.017	0.008
22	0.014	0.01	0.009	0.018	0.017	0.012	0.027	0.027	0.024	0.019	0.013	0.007
23	0.013	0.009	0.009	0.017	0.02	0.012	0.028	0.024	0.023	0.019	0.015	0.007
24	0.012	0.009	0.007	0.022	0.018	0.013	0.027	0.026	0.024	0.019	0.015	0.006
25	0.011	0.008	0.007	0.019	0.018	0.016	0.027	0.027	0.021	0.019	0.014	0.006
26	0.011	0.009	0.007	0.027	0.017	0.018	0.026	0.025	0.018	0.019	0.016	0.011
27	0.014	0.011	0.008	0.023	0.013	0.02	0.027	0.027	0.018	0.018	0.022	0.006
28				0.025	0.013	0.022	0.024	0.027	0.018	0.018	0.014	0.006
29				0.019	0.012	0.017	0.024	0.026	0.018	0.023	0.017	0.008
30										0.031	0.026	0.009
31										0.024	0.018	0.009
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.010	0.008	0.007	0.009	0.011	0.008	0.020	0.020	0.018	0.018	0.013	0.006
Maximum	0.020	0.022	0.012	0.027	0.023	0.022	0.034	0.032	0.025	0.031	0.028	0.018
Average	0.013	0.012	0.009	0.017	0.014	0.013	0.025	0.025	0.022	0.023	0.021	0.012

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	5/28/2015			5/29/2015			6/1/2015			6/2/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.019	0.02	0.016	0.042	0.043	0.048	0.006	0.007	0.006	0.015	0.019	0.017
2	0.02	0.018	0.015	0.047	0.04	0.044	0.006	0.005	0.006	0.015	0.016	0.018
3	0.018	0.019	0.015	0.071	0.038	0.042	0.006	0.005	0.007	0.017	0.015	0.015
4	0.017	0.018	0.014	0.09	0.036	0.039	0.006	0.005	0.007	0.018	0.014	0.016
5	0.014	0.022	0.012	0.054	0.034	0.038	0.006	0.009	0.011	0.016	0.012	0.011
6	0.022	0.02	0.012	0.034	0.034	0.038	0.009	0.007	0.009	0.01	0.01	0.01
7	0.019	0.019	0.011	0.038	0.034	0.038	0.005	0.005	0.007	0.008	0.009	0.01
8	0.03	0.023	0.012	0.034	0.034	0.038	0.009	0.005	0.006	0.011	0.01	0.011
9	0.033	0.021	0.013	0.036	0.034	0.039	0.004	0.003	0.006	0.012	0.01	0.01
10	0.035	0.028	0.014	0.041	0.035	0.039	0.004	0.004	0.005	0.009	0.008	0.007
11	0.023	0.023	0.015	0.042	0.035	0.04	0.005	0.003	0.006	0.006	0.006	0.006
12	0.029	0.023	0.016	0.038	0.036	0.041	0.006	0.004	0.006	0.006	0.006	0.006
13	0.02	0.023	0.017	0.04	0.036	0.041	0.007	0.005	0.009	0.006	0.005	0.005
14	0.022	0.02	0.018	0.042	0.037	0.041	0.005	0.005	0.007	0.005	0.005	0.006
15	0.02	0.02	0.018	0.04	0.036	0.041	0.006	0.005	0.007	0.005	0.006	0.005
16	0.022	0.021	0.019	0.04	0.037	0.041	0.006	0.005	0.007	0.005	0.005	0.005
17	0.021	0.022	0.02	0.042	0.038	0.041	0.004	0.004	0.006	0.006	0.005	0.005
18	0.021	0.023	0.021	0.04	0.035	0.038	0.007	0.004	0.006	0.005	0.004	0.004
19	0.027	0.029	0.022	0.038	0.034	0.037	0.008	0.005	0.009	0.005	0.004	0.004
20	0.031	0.027	0.022	0.041	0.034	0.038	0.007	0.004	0.007	0.006	0.004	0.004
21	0.021	0.023	0.023	0.038	0.036	0.036	0.009	0.004	0.006	0.007	0.005	0.005
22	0.024	0.024	0.024	0.037	0.036	0.034	0.006	0.004	0.005	0.008	0.004	0.004
23	0.027	0.025	0.024	0.034	0.034	0.034	0.007	0.004	0.005	0.007	0.005	0.004
24	0.03	0.023	0.026	0.034	0.033	0.036	0.007	0.005	0.007	0.009	0.005	0.004
25	0.031	0.027	0.03	0.031	0.032	0.036	0.006	0.005	0.007	0.009	0.004	0.003
26	0.038	0.03	0.03	0.032	0.035	0.033	0.005	0.005	0.007	0.007	0.004	0.003
27	0.032	0.033	0.029	0.03	0.032	0.032	0.01	0.005	0.006	0.007	0.003	0.003
28		0.029		0.03	0.03	0.031	0.013	0.007		0.007	0.004	0.003
29				0.031	0.027	0.031				0.007	0.004	0.003
30				0.03	0.027	0.031						0.003
31				0.03	0.028	0.03						
32				0.03	0.027	0.03						
33				0.031	0.03	0.031						
34												
35												
36												
37												
38												
39												
40												
Minimum	0.014	0.018	0.011	0.030	0.027	0.030	0.004	0.003	0.005	0.005	0.003	0.003
Maximum	0.038	0.033	0.030	0.090	0.043	0.048	0.013	0.009	0.011	0.018	0.019	0.018
Average	0.025	0.023	0.019	0.040	0.034	0.037	0.007	0.005	0.007	0.009	0.007	0.007

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	6/3/2015			6/4/2015			6/5/2015			6/8/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading												
1	0.009	0.03	0.009	0.015	0.029	0.018	0.023	0.033	0.031	0.026	0.044	0.028
2	0.008	0.009	0.009	0.015	0.02	0.016	0.026	0.027	0.022	0.024	0.029	0.025
3	0.008	0.01	0.009	0.03	0.043	0.016	0.023	0.025	0.022	0.021	0.026	0.021
4	0.007	0.009	0.008	0.035	0.031	0.016	0.032	0.031	0.023	0.019	0.02	0.019
5	0.007	0.008	0.007	0.029	0.027	0.021	0.037	0.043	0.022	0.019	0.019	0.018
6	0.006	0.006	0.006	0.031	0.031	0.025	0.035	0.044	0.022	0.02	0.018	0.019
7	0.005	0.006	0.005	0.029	0.027	0.026	0.035	0.043	0.024	0.02	0.025	0.017
8	0.006	0.006	0.005	0.029	0.027	0.025	0.031	0.037	0.024	0.018	0.021	0.019
9	0.005	0.003	0.005	0.031	0.03	0.029	0.026	0.033	0.022	0.025	0.027	0.028
10	0.006	0.003	0.005	0.032	0.032	0.031	0.025	0.029	0.022	0.026	0.029	0.023
11	0.006	0.002	0.005	0.031	0.032	0.029	0.026	0.025	0.022	0.02	0.023	0.02
12	0.006	0.005	0.005	0.028	0.029	0.028	0.024	0.024	0.022	0.019	0.022	0.017
13	0.006	0.001	0.005	0.027	0.028	0.028	0.024	0.025	0.022	0.016	0.021	0.014
14	0.005	0.001	0.005	0.03	0.028	0.024	0.024	0.022	0.023	0.014	0.016	0.012
15	0.005	0.002	0.004	0.025	0.027	0.026	0.024	0.026	0.029	0.011	0.014	0.011
16	0.008	0.001	0.004	0.027	0.026	0.027	0.023	0.024	0.022	0.012	0.013	0.012
17	0.005	0.001	0.004	0.028	0.027	0.028	0.023	0.025	0.022	0.014	0.015	0.014
18	0.006	0.001	0.004	0.027	0.028	0.026	0.023	0.023	0.021	0.017	0.019	0.015
19	0.008	0.002	0.004	0.028	0.028	0.027	0.022	0.026	0.027	0.015	0.019	0.015
20	0.008	0.005	0.003	0.028	0.026	0.027	0.024	0.025	0.021	0.018	0.02	0.018
21	0.008	0.001	0.003	0.026	0.028	0.03	0.026	0.026	0.021	0.02	0.023	0.016
22	0.007	0.003	0.003	0.032	0.03	0.03	0.024	0.024	0.021	0.019	0.02	0.02
23	0.007	0.002	0.003	0.028	0.029	0.031	0.024	0.022	0.02	0.017	0.021	0.014
24	0.006	0.002	0.003	0.03	0.028	0.03	0.024	0.023	0.02	0.011	0.015	0.01
25	0.006	0.004	0.003	0.029	0.029	0.031	0.022	0.02	0.019	0.018	0.018	0.017
26	0.006	0.003	0.003	0.036	0.032	0.032	0.023	0.022	0.019	0.016	0.016	0.017
27	0.005	0.002	0.002	0.032	0.031	0.032	0.024	0.022	0.019	0.018	0.016	0.018
28	0.006	0.003	0.002	0.029	0.028	0.032	0.024	0.022	0.02	0.019	0.018	0.019
29			0.002	0.03	0.029	0.033	0.022	0.019	0.019	0.024	0.028	0.021
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.005	0.001	0.002	0.015	0.020	0.016	0.022	0.019	0.019	0.011	0.013	0.010
Maximum	0.009	0.030	0.009	0.036	0.043	0.033	0.037	0.044	0.031	0.026	0.044	0.028
Average	0.006	0.005	0.005	0.029	0.029	0.027	0.026	0.027	0.022	0.018	0.021	0.018

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.9

Daily Ambient Air Dust Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 0.150 mg/m3

Date:	6/9/2015			6/10/2015			6/11/2015		
Location:	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind	Downwind-1	Downwind-2	Upwind
Reading									
1	0.033	0.035	0.037	0.051	0.052	0.052	0.029	0.043	0.036
2	0.031	0.034	0.034	0.053	0.058	0.055	0.03	0.042	0.028
3	0.03	0.037	0.036	0.055	0.058	0.058	0.033	0.041	0.026
4	0.031	0.042	0.037	0.061	0.061	0.064	0.031	0.036	0.026
5	0.035	0.046	0.039	0.067	0.065	0.071	0.031	0.038	0.025
6	0.037	0.046	0.043	0.072	0.071	0.075	0.029	0.032	0.023
7	0.042	0.056	0.044	0.078	0.075	0.082	0.03	0.029	0.024
8	0.043	0.05	0.043	0.082	0.08	0.087	0.028	0.029	0.024
9	0.037	0.045	0.04	0.086	0.083	0.093	0.028	0.027	0.025
10	0.034	0.044	0.034	0.092	0.091	0.097	0.026	0.027	0.024
11	0.028	0.038	0.03	0.097	0.099	0.101	0.025	0.027	0.022
12	0.025	0.032	0.025	0.103	0.1	0.105	0.023	0.024	0.02
13	0.023	0.028	0.022	0.107	0.105	0.11	0.025	0.023	0.019
14	0.019	0.032	0.023	0.113	0.117	0.114	0.022	0.022	0.019
15	0.023	0.032	0.023	0.115	0.118	0.117	0.026	0.021	0.021
16	0.026	0.03	0.02	0.117	0.116	0.123	0.023	0.027	0.022
17	0.022	0.029	0.017	0.129	0.129	0.133	0.028	0.024	0.026
18	0.018	0.025	0.012	0.134	0.136	0.139	0.031	0.024	0.025
19	0.015	0.021	0.009	0.129	0.132	0.129	0.029	0.028	0.026
20	0.019	0.014	0.01	0.118	0.12	0.118	0.029	0.025	0.025
21	0.018	0.016	0.013	0.111	0.114	0.113	0.027	0.024	0.024
22	0.02	0.028	0.014	0.108	0.108	0.109	0.028	0.026	0.026
23	0.017	0.024	0.015	0.099	0.103	0.094	0.027	0.026	0.026
24	0.019	0.019	0.017	0.081	0.092	0.078	0.028	0.026	0.028
25	0.016	0.03	0.015	0.064	0.074	0.063	0.027	0.027	0.026
26	0.014	0.026	0.016	0.059	0.065	0.06		0.027	
27	0.015	0.024	0.014	0.057	0.059	0.058			
28	0.018	0.024	0.015	0.059	0.058	0.061			
29				0.061	0.062	0.062			
30				0.064	0.063	0.068			
31				0.07	0.07	0.072			
32									
33									
34									
35									
36									
37									
38									
39									
40									
Minimum	0.014	0.014	0.009	0.051	0.052	0.052	0.022	0.021	0.019
Maximum	0.043	0.056	0.044	0.134	0.136	0.139	0.033	0.043	0.036
Average	0.025	0.032	0.025	0.087	0.088	0.089	0.028	0.029	0.025

Note: All 15-minute average readings in milligrams per cubic meter (mg/m3)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	11/14/2014		11/15/2014		11/17/2014		11/19/2014		11/20/2014		11/21/2014	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.104	0.255	0.262	0.364	0.064	0	0.026	0.077	0.034	0.018	0.084	0.149
2	0.103	0.257	0.165	0.193	0.08	0	0.074	0.109	0.069	0.047	0.11	0.222
3	0.109	0.233	0.082	0.103	0.099	0	0.103	0.127	0.093	0.077	0.128	0.259
4	0.118	0.089	0.074	0.101	0.123	0	0.12	0.139	0.13	0.104	0.141	0.281
5	0.133	0.065	0.091	0.108	0.145	0	0.134	0.142	0.124	0.122	0.156	0.311
6	0.144	0.058	0.083	0.116	0.164	0	0.144	0.167	0.13	0.133	0.168	0.337
7	0.148	0.059	0.09	0.121	0.181	0	0.152	0.164	0.134	0.141	0.173	0.345
8	0.154	0.061	0.114	0.122	0.19	0	0.163	0.177	0.137	0.153	0.183	0.37
9	0.159	0.066	0.179	0.128	0.198	0.011	0.166	0.198	0.14	0.158	0.189	0.385
10	0.162	0.069	0.136	0.136	0.208	0.024	0.167	0.204	0.144	0.158	0.194	0.406
11	0.165	0.067	0.111	0.14	0.213	0.034	0.172	0.206	0.148	0.16	0.198	0.416
12	0.169	0.069	0.113	0.144	0.221	0.043	0.174	0.21	0.145	0.156	0.2	0.418
13	0.18	0.07	0.116	0.149	0.229	0.054	0.174	0.213	0.146	0.155	0.203	0.436
14	0.178	0.073	0.116	0.148	0.234	0.069	0.173	0.212	0.203	0.18	0.205	0.445
15	0.178	0.078	0.118	0.149	0.245	0.077	0.171	0.213	0.162	0.205	0.207	0.451
16	0.179	0.08	0.116	0.148	0.244	0.075	0.172	0.212	0.148	0.18	0.205	0.454
17	0.178	0.08	0.116	0.149	0.244	0.075	0.175	0.221	0.146	0.185	0.206	0.451
18	0.178	0.081	0.121	0.149	0.244	0.081	0.174	0.215	0.147	0.19	0.201	0.452
19	0.176	0.08	0.117	0.147	0.252	0.092	0.172	0.215	0.149	0.197	0.2	0.448
20	0.172	0.081	0.114	0.146	0.265	0.095	0.182	0.215	0.149	0.202	0.198	0.446
21	0.173	0.082	0.179	0.147	0.264	0.101	0.176	0.218	0.15	0.203	0.199	0.449
22		0.081	0.136	0.164	0.267	0.106	0.173	0.214	0.145	0.203	0.2	0.45
23		0.081	0.115	0.16	0.266	0.109	0.167	0.214	0.144	0.201	0.199	0.456
24		0.079	0.111	0.149	0.266	0.14	0.167	0.215	0.143	0.201	0.195	0.395
25		0.08	0.11	0.148	0.262	0.106	0.167	0.214	0.14	0.198	0.193	0.399
26		0.079	0.108	0.148	0.26	0.105	0.164	0.214	0.142	0.202	0.193	0.425
27		0.083			0.257	0.105			0.143	0.2	0.193	0.438
28		0.084			0.258	0.108			0.144	0.2	0.194	0.441
29		0.082			0.258	0.11				0.201	0.196	0.434
30		0.084			0.264	0.116					0.197	0.445
31		0.082										
32		0.091										
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.103	0.058	0.074	0.101	0.064	N/A	0.026	0.077	0.034	0.018	0.084	0.149
Maximum	0.180	0.257	0.262	0.364	0.267	0.140	0.182	0.221	0.203	0.205	0.207	0.456
Average	0.155	0.092	0.123	0.149	0.216	0.061	0.154	0.189	0.137	0.163	0.184	0.394

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	11/22/2014		11/24/2014		11/25/2014		12/1/2014		12/2/2014		12/3/2014	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.098	0.038	0.099	0.018	0.004	0.025	0.054	0.026	0.107	0.085	0.089	0.067
2	0.1	0.043	0.127	0.04	0.001	0	0.066	0.025	0.103	0.104	0.058	0.061
3	0.107	0.06	0.155	0.048	0	0	0.079	0.035	0.114	0.134	0.066	0.085
4	0.12	0.078	0.183	0.059	0	0	0.096	0.055	0.12	0.164	0.081	0.104
5	0.132	0.094	0.204	0.067	0.002	0	0.105	0.068	0.129	0.189	0.093	0.112
6	0.145	0.105	0.226	0.075	0.011	0	0.115	0.08	0.138	0.2	0.1	0.126
7	0.172	0.122	0.239	0.08	0.016	0	0.124	0.091	0.143	0.208	0.105	0.145
8	0.169	0.13	0.25	0.088	0.02	0	0.132	0.097	0.148	0.214	0.11	0.151
9	0.173	0.136	0.255	0.094	0.024	0	0.134	0.1	0.152	0.221	0.11	0.163
10	0.179	0.143	0.264	0.097	0.028	0	0.139	0.104	0.154	0.225	0.114	0.174
11	0.184	0.153	0.278	0.102	0.029	0	0.14	0.106	0.161	0.226	0.121	0.182
12	0.185	0.157	0.29	0.108	0.031	0	0.142	0.116		0.227	0.128	0.187
13	0.189	0.16	0.3	0.113	0.032	0	0.143	0.125	0.175	0.23	0.131	0.19
14	0.19	0.155	0.306	0.119	0.035	0	0.143	0.136	0.167	0.232	0.136	0.194
15	0.189	0.138	0.323	0.12	0.038	0	0.144	0.137	0.17	0.232	0.14	0.197
16	0.187	0.12	0.348	0.121	0.039	0	0.147	0.143	0.17	0.238	0.145	0.202
17	0.21	0.118	0.346	0.126	0.038	0	0.149	0.148	0.176	0.239	0.146	0.207
18	0.213	0.126	0.347	0.128	0.039	0	0.152	0.151	0.179	0.24	0.151	0.21
19	0.212	0.137	0.355	0.132	0.043	0	0.153	0.156	0.183	0.241	0.155	0.216
20	0.218	0.148	0.359	0.134	0.045	0	0.154	0.163	0.182	0.241	0.158	0.217
21	0.226	0.157	0.355	0.13	0.048	0	0.17	0.176	0.18	0.245	0.162	0.217
22	0.233	0.167	0.38	0.129	0.049	0	0.158	0.176	0.18	0.248	0.163	0.22
23	0.239	0.175	0.353	0.125	0.055	0.003	0.158	0.181	0.182	0.251	0.166	0.223
24	0.246	0.185	0.345	0.126	0.051	0.002	0.168	0.196	0.184	0.254	0.168	0.224
25	0.256	0.193	0.33	0.114	0.052	0.005	0.163	0.194	0.187	0.261	0.171	0.224
26	0.269	0.202	0.317	0.102	0.053	0.007	0.164	0.198	0.19	0.266	0.173	0.225
27			0.313	0.094	0.053	0.013	0.175	0.227	0.193	0.269	0.174	0.227
28			0.313	0.089		0.017	0.169	0.237	0.193	0.27	0.177	0.229
29			0.318	0.092			0.166	0.213	0.195	0.272		0.23
30			0.324	0.105			0.164	0.208				
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.098	0.038	0.099	0.018	N/A	N/A	0.054	0.025	0.103	0.085	0.058	0.061
Maximum	0.269	0.202	0.380	0.134	0.055	0.025	0.175	0.237	0.195	0.272	0.177	0.230
Average	0.186	0.132	0.287	0.099	0.031	0.003	0.139	0.136	0.163	0.222	0.132	0.180

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	12/4/2014		12/5/2014		12/8/2014		12/9/2014		12/10/2014		12/11/2014	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.065	0.056	0.066	0.072		0.027	0.291	0.06	0.056	0.044	0.113	0.07
2	0.036	0.053	0.077	0.097		0.029	0.135	0.022	0.082	0.071	0.124	0.103
3	0.036	0.065	0.087	0.123		0.041	0.084	0.024	0.093	0.096	0.141	0.141
4	0.045	0.092	0.106	0.159		0.055	0.071	0.058	0.104	0.122	0.152	0.166
5	0.054	0.11	0.112	0.172		0.076	0.066	0.056	0.112	0.141	0.159	0.176
6	0.065	0.133	0.121	0.185		0.092	0.076	0.068	0.12	0.166	0.162	0.182
7	0.069	0.142	0.124	0.193		0.113	0.068	0.101	0.188	0.171	0.17	0.193
8	0.073	0.134	0.13	0.197		0.124	0.072	0.094	0.144	0.168	0.173	0.188
9	0.078	0.53	0.132	0.2		0.136	0.07	0.087	0.137	0.171	0.177	0.186
10	0.082	0.148	0.14	0.201		0.136	0.071	0.086	0.14	0.176	0.18	0.186
11	0.084	0.141	0.146	0.203		0.144	0.075	0.091	0.17	0.176	0.183	0.195
12	0.083	0.145	0.149	0.206		0.14	0.082	0.085	0.169	0.179	0.186	0.194
13	0.084	0.149	0.155	0.21		0.144	0.086	0.086	0.166	0.183	0.188	0.194
14	0.088	0.152	0.155	0.211		0.185	0.093	0.092	0.186	0.187	0.191	0.198
15	0.088	0.152	0.162	0.214		0.181	0.135	0.104	0.207	0.176	0.194	0.204
16	0.09	0.155	0.293	0.231		0.201	0.103	0.13	0.162	0.177	0.194	0.198
17	0.094	0.161	0.178	0.217		0.277	0.11	0.108	0.162	0.179	0.196	0.204
18	0.095	0.162	0.198	0.219		0.298	0.106	0.113	0.158	0.179	0.196	0.197
19	0.097	0.16	0.193	0.217		0.377	0.108	0.106	0.156	0.18	0.198	0.2
20	0.097	0.163	0.184	0.221		0.388	0.109	0.11	0.166	0.188	0.198	0.206
21	0.096	0.165	0.177	0.218		0.572	0.116	0.11	0.172	0.183	0.199	0.212
22	0.096	0.172	0.174	0.217		0.266	0.114	0.103	0.163	0.184	0.2	0.211
23	0.098	0.176	0.173	0.226		0.331	0.106	0.114	0.162	0.185	0.214	0.203
24	0.101	0.177	0.18	1.404		0.332	0.106	0.106	0.159	0.186	0.205	0.192
25	0.102	0.188	0.177	2.012		0.327	0.107	0.117	0.16	0.186	0.201	0.183
26	0.102	0.181	0.179	1.857		0.272	0.105	0.123	0.158	0.186	0.203	0.19
27	0.104	0.188	0.18	1.081		0.406	0.105	0.119	0.158	0.182		
28	0.106	0.192	0.182	0.874		0.287	0.106	0.114	0.158			
29	0.11	0.196	0.181	1.4			0.104	0.126				
30							0.102	0.14				
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.036	0.053	0.066	0.072	N/A	0.027	0.066	0.022	0.056	0.044	0.113	0.070
Maximum	0.110	0.530	0.293	2.012	N/A	0.572	0.291	0.140	0.207	0.188	0.214	0.212
Average	0.083	0.160	0.156	0.450	N/A	0.213	0.103	0.095	0.149	0.164	0.181	0.184

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	12/12/2014		12/15/2014		12/16/2014		12/17/2014		12/18/2014		12/19/2014	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.098	0.066	0.038	0.029	0.105	0.077	0.119	0.07	0.117	0.078	0.105	0.092
2	0.114	0.093	0.039	0.085	0.11	0.083	0.102	0.061	0.099	0.098	0.112	0.115
3	0.125	0.124	0.098	0.07	0.123	0.095	0.112	0.068	0.107	0.156	0.111	0.134
4	0.136	0.143	0.084	0.121	0.125	0.099	0.129	0.082	0.118	0.127	0.147	0.175
5	0.143	0.16	0.101	0.162	0.131	0.112	0.143	0.099	0.122	0.13	0.148	0.172
6	0.148	0.166	0.089	0.129	0.135	0.119	0.153	0.112	0.127	0.136	0.142	0.174
7	0.153	0.167	0.092	0.129	0.139	0.122	0.16	0.112	0.135	0.155	0.141	0.183
8	0.158	0.168	0.103	0.117	0.144	0.126	0.164	0.13	0.14	0.155	0.151	0.183
9	0.162	0.197	0.089	0.117	0.157	0.13	0.17	0.121	0.145	0.152	0.148	0.174
10	0.163	0.173	0.08	0.112	0.157	0.134	0.175	0.126	0.148	0.156	0.152	0.174
11	0.166	0.172	0.074	0.124	0.168	0.14	0.18	0.134	0.15	0.222	0	0.178
12	0.169	0.182	0.085	0.13	0.17	0.159	0.182	0.176	0.153	0.228	0	0.177
13	0.172	0.176	0.091	0.123	0.177	0.15	0.186	0.186	0.153	0.195	0	0.182
14	0.175	0.179	0.088	0.125	0.186	0.166	0.193	0.162	0.155	0.248	0	0.187
15	0.178	0.179	0.094	0.123	0.194	0.165	0.193	0.178	0.159	0.173	0	0.189
16	0.18	0.187	0.096	0.128	0.204	0.168	0.199	0.158	0.161	0.177	0	0.187
17	0.182	0.183	0.089	0.128	0.207	0.172	0.209	0.162	0.161	0.18	0	0.181
18	0.183	0.182	0.096	0.135	0.209	0.175	0.208	0.166	0.164	0.201	0.006	0.174
19	0.186	0.183	0.098	0.14	0.213	0.179	0.209	0.165	0.178	0.176	0.002	0.18
20	0.188	0.188	0.098	0.14	0.216	0.185	0.211	0.166	0.166	0.182	0.002	0.19
21	0.19	0.206	0.103	0.133	0.221	0.187	0.219	0.17	0.166	0.193	0.179	0.179
22	0.192	0.196	0.102	0.152	0.225	0.19	0.212	0.173	0.178	0.227	0.178	0.179
23	0.194	0.199	0.107	0.153	0.23	0.195	0.218	0.175	0.168	0.207	0.179	0.195
24	0.199	0.198	0.104	0.175	0.24	0.2	0.227	0.181	0.182	0.213	0.181	0.183
25					0.247	0.205	0.224	0.178	0.176	0.19	0.184	0.178
26					0.251	0.211	0.219	0.179	0.171	0.16	0.183	0.184
27					0.254	0.209	0.223	0.176	0.172	0.154	0.188	0.192
28					0.257	0.205	0.223	0.182	0.171	0.149	0.187	0.184
29					0.266	0.207	0.225	0.181	0.172	0.145	0.187	0.186
30						0.219		0.182				
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.098	0.066	0.038	0.029	0.105	0.077	0.102	0.061	0.099	0.078	N/A	0.092
Maximum	0.199	0.206	0.107	0.175	0.266	0.219	0.227	0.186	0.182	0.248	0.188	0.195
Average	0.165	0.169	0.089	0.124	0.188	0.159	0.186	0.147	0.152	0.171	0.104	0.175

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	12/22/2014		12/23/2014		2/3/2015		2/4/2015		2/5/2015		2/6/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.072	0.076	0.089	0.171	0.022	0.471	0.173	0.025		0.059	0.126	0.061
2	0.085	0.095	0.056	0.042	0.006	0.432	0.132	0.016		0.037	0.104	0.056
3	0.1	0.11	0.069	0.043	0.018	0.157	0.155	0.007		0.053	0.118	0.091
4	0.117	0.125	0.091	0.06	0.034	0.094	0.18	0.033		0.068	0.136	0.118
5	0.131	0.142	0.107	0.081	0.047	0.09	0.202	0.056		0.088	0.151	0.142
6	0.142	0.154	0.12	0.089	0.057	0.108	0.215	0.071		0.111	0.172	0.168
7	0.153	0.156	0.123	0.093	0.065	0.144	0.221	0.079		0.131	0.184	0.186
8	0.162	0.158	0.125	0.099	0.071	0.166	0.224	0.087		0.144	0.189	0.196
9	0.168	0.172	0.127	0.104	0.077	0.192	0.227	0.096		0.155	0.194	0.199
10	0.171	0.182	0.131	0.109	0.084	0.204	0.227	0.098		0.159	0.201	0.201
11	0.173	0.177	0.14	0.116	0.089	0.213	0.229	0.096		0.165	0.202	0.205
12	0.181	0.183	0.146	0.121	0.096	0.226	0.233	0.1		0.168	0.202	0.208
13	0.183	0.178	0.152	0.128	0.1	0.238	0.237	0.098		0.164	0.206	0.21
14	0.185	0.168	0.16	0.133	0.104	0.244	0.24	0.1		0.164	0.211	0.221
15	0.19	0.168	0.166	0.135	0.109	0.246	0.244	0.103		0.164	0.213	0.22
16	0.191	0.173	0.169	0.14	0.112	0.248	0.248	0.105		0.156	0.091	0.223
17	0.199	0.176	0.174	0.145	0.113	0.251	0.25	0.107		0.148	0.098	0.231
18	0.2	0.178	0.178	0.152	0.116	0.254	0.253	0.109		0.14	0.1	0.232
19	0.202	0.174	0.183	0.153	0.12	0.255	0.254	0.109		0.139	0.106	0.236
20	0.205	0.176				0.257	0.257	0.109		0.139	0.106	0.243
21	0.21	0.18				0.26	0.259	0.11		0.135	0.106	0.245
22	0.208	0.182				0.262	0.26	0.114		0.13	0.11	0.248
23	0.207	0.183				0.267	0.264	0.103		0.132	0.114	0.249
24	0.209	0.184				0.271	0.265	0.097		0.133	0.119	0.258
25	0.211	0.186				0.266	0.269	0.094		0.137	0.118	0.267
26	0.212	0.187				0.267	0.268	0.09		0.145	0.119	0.278
27		0.189				0.273	0.269	0.089		0.146	0.122	0.28
28						0.275	0.269	0.089		0.146	0.125	0.302
29						0.276	0.271	0.088		0.147	0.127	0.299
30						0.275	0.272	0.09		0.149	0.127	
31						0.276		0.089		0.153	0.13	
32						0.272					0.135	
33						0.275					0.139	
34											0.144	
35											0.145	
36											0.148	
37											0.152	
38											0.155	
39											0.156	
40											0.157	
Minimum	0.072	0.076	0.056	0.042	0.006	0.090	0.132	0.007	N/A	0.037	0.091	0.056
Maximum	0.212	0.189	0.183	0.171	0.120	0.471	0.272	0.114	N/A	0.168	0.213	0.302
Average	0.172	0.163	0.132	0.111	0.076	0.243	0.236	0.086	N/A	0.132	0.144	0.209

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	2/9/2015		2/10/2015		2/11/2015		2/13/2015		2/16/2015		2/17/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.192	0.055	0.268	0.067	0.23	0.013	0.041	0.019	0.091	0	0.034	0.064
2	0.212	0.082	0.269	0.072	0.244	0.007	0.007	0	0.038	0	0	0.043
3	0.253	0.112	0.288	0.099	0.276	0.029	0.018	0	0.032	0	0	0.037
4	0.294	0.145	0.324	0.126	0.31	0.058	0.031	0	0.036	0	0.004	0.066
5	0.333	0.178	0.356	0.147	0.361	0.084	0.04	0.006	0.047	0	0.017	0.096
6	0.361	0.199	0.379	0.161	0.417	0.116	0.044	0.009	0.053	0	0.029	0.122
7	0.384	0.21	0.402	0.173	0.437	0.12	0.048	0.016	0.057	0	0.039	0.147
8	0.404	0.213	0.429	0.187	0.46	0.124	0.054	0.021	0.057	0	0.047	0.176
9	0.418	0.216	0.45	0.185	0.482	0.13	0.059	0.027	0.055	0	0.048	0.181
10	0.433	0.222	0.466	0.182	0.496	0.131	0.064	0.028	0.055	0	0.05	0.18
11	0.444	0.219	0.475	0.184	0.506	0.135	0.07	0.032	0.056	0	0.051	0.191
12	0.458	0.216	0.488	0.184	0.512	0.138	0.073	0.035	0.057	0	0.056	0.203
13	0.466	0.209	0.499	0.186	0.522	0.139	0.079	0.033	0.056	0	0.053	
14	0.469	0.199	0.506	0.184	0.534	0.138	0.082	0.036	0.055	0	0.053	
15	0.475	0.196	0.511	0.187	0.544	0.136	0.081		0.056	0	0.054	0.2
16	0.484	0.195	0.518	0.185	0.562	0.127	0.077		0.059	0	0.058	0.197
17	0.489	0.199	0.524	0.187	0.597	0.131	0.077		0.062	0	0.059	0.194
18	0.494	0.197	0.529	0.187	0.627	0.143	0.078		0.057	0	0.05	0.193
19	0.499	0.195	0.537	0.189	0.648	0.147	0.082	0	0.051	0	0.04	0.197
20	0.502	0.193	0.542	0.19	0.659	0.155	0.087	0	0.049	0	0.029	0.209
21	0.505	0.193	0.544	0.189	0.65	0.147	0.09	0	0.049	0	0.026	0.214
22	0.508	0.197	0.548	0.192	0.67	0.153			0.051		0.027	0.224
23	0.511	0.194	0.554	0.194	0.679	0.154			0.053		0.025	0.228
24	0.513	0.193	0.558	0.19	0.692	0.159			0.054		0.022	0.22
25	0.517	0.195	0.563	0.187	0.703	0.164			0.054		0.016	0.213
26	0.52	0.194	0.565	0.185	0.719	0.168			0.054		0.01	0.191
27	0.522	0.194	0.568	0.184	0.727	0.171					0.004	
28	0.524	0.194	0.572	0.185	0.751	0.176					0.003	
29	0.528	0.196	0.574	0.189	0.776	0.182						
30	0.535		0.578	0.191	0.809	0.203						
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.192	0.055	0.268	0.067	0.230	0.007	0.007	N/A	0.032	N/A	N/A	0.037
Maximum	0.535	0.222	0.578	0.194	0.809	0.203	0.090	0.036	0.091	N/A	0.059	0.228
Average	0.442	0.186	0.479	0.172	0.553	0.129	0.061	0.015	0.054	0.000	0.032	0.166

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	2/18/2015		2/19/2015		2/20/2015		2/23/2015		2/24/2015		2/25/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.017	0.112	0.017		0.017		0.005	0	0.017	1	0.011	
2	0	0.102	0		0.007		0	0	0.005	0	0	
3	0	0.122	0		0.024		0	0	0.018	0	0	
4	0	0.165	0		0.043		0	0	0.035	0	0	
5	0	0.206	0		0.058		0	0	0.053	0	0.01	
6	0	0.234	0		0.068		0	0	0.066	0	0.026	
7	0.017	0.283	0.017		0.075		0	0	0.08	0	0.035	
8	0.025	0.295	0.025		0.074		0	0	0.087	0	0.04	
9	0.021	0.277	0.021		0.074		0.002	0	0.09	0	0.04	
10	0.02	0.281	0.02		0.075		0.001	0	0.092	0	0.041	
11	0.025	0.28	0.025		0.074		0.001	0	0.095	0	0.044	
12	0.028	0.283	0.028		0.071		0.001	0	0.097	0	0.045	
13	0.029	0.284	0.029		0.07		0.006	0	0.092	0	0.046	
14	0.031	0.292	0.031		0.071		0.01	0	0.09	0	0.045	
15	0.026	0.286	0.026		0.08		0.022	0	0.089	0	0.046	
16	0.026	0.293	0.026		0.084		0.019	0	0.092	0	0.048	
17	0.029	0.3	0.029		0.083		0.02	0	0.094	0	0.055	
18	0.03	0.312	0.03		0.079		0.019	0	0.091	0	0.057	
19	0.033	0.311	0.033		0.078		0.007	0	0.085	0	0.05	
20	0.034	0.292	0.034		0.087		0.003	0	0.08	0	0.047	
21	0.031	0.294	0		0.093		0	0	0.081	0	0.044	
22	0.033	0.306	0		0.097		0	0	0.082	0	0.048	
23	0.032	0.311	0		0.099		0	0	0.087	0	0.054	
24	0.032	0.33	0		0.092		0	0	0.09	0	0.058	
25	0.033	0.343	0		0.092		0.005	0	0.095	0	0.067	
26	0.034	0.351	0		0.097		0	0	0.095	0	0.075	
27	0.036	0.368			0.099		0.002	0	0.105	0	0.066	
28	0.039	0.388					0.003	0	0.107	0	0.056	
29	0.043	0.402					0.005	0	0.106	0	0.056	
30	0.042						0.015	0	0.104	0	0.051	
31							0.004	0	0.102	0	0.052	
32									0.105			
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	0.102	N/A	N/A	0.007	N/A	N/A	N/A	0.005	N/A	N/A	N/A
Maximum	0.043	0.402	0.034	N/A	0.099	N/A	0.022	N/A	0.107	1.000	0.075	N/A
Average	0.025	0.279	0.015	N/A	0.073	N/A	0.005	0.000	0.081	0.032	0.042	N/A

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	2/26/2015		2/27/2015		3/2/2015		3/3/2015		3/4/2015		3/5/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.041	0		0	0.004	1	0.005	0	0.006	1	0.059	0
2	0.015	0		0	0	0	0	0	0	0	0.006	0
3	0.027	0		0	0	0	0	0	0	0	0.006	0
4	0.045	0		0	0	0	0	0	0	0	0.024	0
5	0.062	0		0	0	0	0.004	0	0	0	0.041	0
6	0.08	0		0	0	0	0.013	0	0	0	0.055	0
7	0.095	0		0	0	0	0.024	0	0.01	0	0.065	0
8	0.106	0		0	0	0	0.035	0	0.011	0	0.078	0
9	0.114	0		0	0	0	0.037	0	0.015	0	0.084	0
10	0.117	0		0	0	0	0.045	0	0.014	0	0.08	0
11	0.12	0		0	0	0	0.043	0	0.015	0	0.084	0
12	0.124	0		0	0	0	0.046	0	0.018	0	0.087	0
13	0.125	0		0	0	0	0.048	0	0.015	0	0.091	0
14	0.124	0		0	0.002	0	0.053	0	0.011	0	0.092	0
15	0.127	0		0	0.002	0	0.059	0	0.012	0	0.093	0
16	0.114	0		0	0	0	0.058	0	0.013	0	0.099	0
17	0.118	0		0	0.002	0	0.061	0	0.014	0	0.1	0
18	0.115	0		0	0	0	0.057	0	0.014	0	0.102	0
19	0.099	0		0	0	0	0.055	0	0.017	0	0.106	0
20	0.095	0		0	0	0	0.054	0	0.019	0	0.106	0
21	0.095	0		0	0	0	0.054	0	0.024	0	0.107	0
22	0.095	0		0	0	0	0.055	0	0.03	0	0.104	0
23	0.094	0		0	0	0	0.055	0	0.036	0	0.106	0
24	0.094	0		0	0	0	0.054	0	0.033	0	0.108	0
25	0.101	0		0	0	0	0.054	0	0.033	0	0.11	0
26	0.118	0		0	0	0	0.054	0	0.042	0	0.109	0
27	0.177	0		0	0	0			0.04	0	0.108	0
28	0.138	0		0	0	0			0.033	0	0.111	0
29	0.131	0		0	0	0						
30	0.129			0	0	0						
31				0	0	0						
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.015	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.006	N/A
Maximum	0.177	N/A	N/A	N/A	0.004	1.000	0.061	N/A	0.042	1.000	0.111	N/A
Average	0.101	0.000	N/A	0.000	0.000	0.032	0.039	0.000	0.017	0.036	0.083	0.000

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	3/6/2015		3/9/2015		3/10/2015		3/11/2015		3/12/2015		3/13/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.018	0.003	0.008	0.024	0.003	0.011	0.029	0.018	0.008	0.012	0.014	0.024
2	0	0	0	0	0.01	0	0.014	0	0	0	0.024	0
3	0.001	0	0	0	0.016	0	0.02	0	0	0.006	0.032	0
4	0.017	0	0	0	0.013	0	0.029	0.017	0.003	0	0.035	0
5	0.023	0	0	0.001	0.026	0	0.038	0.059	0	0	0.038	0
6	0.037	0	0	0.002	0.041	0	0.044	0.1	0.013	0	0.041	0
7	0.04	0	0	0.023	0.044	0	0.044	0.12	0.01	0	0.042	0
8	0.049	0	0	0.028	0.024	0	0.048	0.182	0.003	0	0.046	0
9	0.048	0	0	0.031	0.03	0	0.048	0.178	0	0	0.049	0
10	0.05	0.05	0	0.021	0.021	0	0.042	0.193	0	0	0.049	0
11	0.05	0.121	0	0.023	0.013	0	0.04	0.165	0	0	0.047	0.001
12	0.051	0.204	0	0.027	0.015	0	0.039	0.163	0	0.011	0.045	0.005
13	0.052	0.25	0	0.043	0.019	0	0.04	0.162	0.001	0.035	0.049	0.012
14	0.057	0.299	0	0.028	0.024	0	0.04	0.153	0.005	0.041	0.049	0.021
15	0.06	0.341	0	0.023	0.026	0	0.035	0.162	0.001	0.036	0.049	0.027
16	0.059	0.387	0	0.028	0.035	0.007	0.039	0.148	0	0.018	0.048	0.035
17	0.058	0.414	0	0.021	0.033	0.01	0.047	0.181	0	0	0.047	0.054
18	0.055	0.418	0	0.016	0.037	0.009	0.057	0.129	0	0	0.054	0.085
19	0.054	0.414	0	0.02	0.059	0.004	0.042	0.112	0	0	0.038	0.126
20	0.059	0.436	0.003	0.024	0.03	0	0.047	0.087	0	0		0.161
21	0.063	0.458	0.004	0.013	0.029	0	0.04	0.071	0	0.002		0.168
22	0.064	0.526	0.003	0.016	0.025	0	0.042	0.052	0	0.034		0.165
23	0.074	0.605	0.001	0.019	0.024	0	0.043	0.05	0	0.076		0.152
24	0.076	0.7	0	0.007	0.025	0	0.039	0.052	0	0.099		0.113
25	0.076		0	0.003	0.03	0	0.038	0.043	0	0.108		
26			0	0	0.026	0	0.032	0.039	0	0.092		
27			0.003	0.002	0.047	0	0.024	0.043	0	0.063		
28			0.003	0.009	0.045	0	0.025	0.045	0	0.027		
29			0	0.021	0.042	0	0.028	0.038	0	0.015		
30					0.042	0	0.033	0.036		0.015		
31							0.031	0.031				
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	N/A	N/A	N/A	0.003	N/A	0.014	N/A	N/A	N/A	0.014	N/A
Maximum	0.076	0.700	0.008	0.043	0.059	0.011	0.057	0.193	0.013	0.108	0.054	0.168
Average	0.048	0.234	0.001	0.016	0.028	0.001	0.037	0.091	0.002	0.023	0.042	0.048

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	3/16/2015		3/17/2015		3/18/2015		3/19/2015		3/20/2015		4/7/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.006	0.039	0.003	0.003	0.007	0.025	0.001	0.006	0.009	0.043	0.002	0.025
2	0	0	0	0	0	0.002	0	0	0	0.005	0	0
3	0	0	0.012	0	0	0	0	0	0	0	0	0
4	0	0	0.032	0.004	0.008	0.005	0	0	0.004	0	0	0
5	0	0	0.044	0.037	0.017	0.015	0	0	0.01	0	0	0
6	0.004	0	0.051	0.073	0.025	0.023	0	0	0.016	0.001	0	0.005
7	0.015	0	0.058	0.089	0.033	0.029	0	0	0.022	0.003	0	0.02
8	0.022	0	0.064	0.065	0.035	0.037	0	0	0.029	0.003	0	0.032
9	0.03	0	0.067	0.052	0.035	0.031	0	0	0.034	0.002	0	0.038
10	0.029	0	0.069	0.05	0.025	0.027	0	0	0.039	0.006	0	0.046
11	0.029	0	0.07	0.051	0.02	0.025	0	0	0.047	0.013	0	0.055
12	0.033	0	0.07	0.041	0.017	0.024	0	0	0.057	0.024	0	0.07
13	0.032	0	0.069	0.032	0.015	0.021	0	0	0.06	0.045	0	0.069
14	0.039	0.007	0.067	0.014	0.015	0.026	0	0	0.06	0.066	0	0.061
15	0.029	0.004	0.066	0.011	0.021	0.04	0	0	0.061	0.079	0	0.053
16	0.03	0.001	0.065	0.003	0.02	0.038	0	0	0.061	0.085	0	0.056
17	0.028	0	0.061	0.001	0.021	0.036	0.003	0	0.064	0.091	0	0.045
18	0.027	0	0.059	0	0.023	0.033	0.001	0	0.063	0.093	0	0.05
19	0.029	0	0.053	0	0.024	0.026	0	0	0.063	0.084	0	0.047
20	0.031	0.004	0.045	0	0.026	0.019	0	0		0.084	0	0.029
21	0.028	0.003	0.031	0	0.028	0.016	0	0			0	0.021
22	0.029	0.003	0.021	0	0.03	0.015	0	0			0	0.018
23	0.024	0.004	0.019	0.007	0.032	0.017	0	0			0	0.019
24	0.031	0.015	0.018	0.032	0.033	0.018	0	0			0	0.015
25	0.025	0.013	0.015	0.043	0.034	0.018	0	0			0	0.011
26	0.022	0.012	0.013	0.034	0.033	0.015					0	0.009
27	0.017	0.003	0.011	0.013	0.033	0.016					0	0.012
28	0.017	0	0.006	0	0.033	0.017					0	0.008
29											0	0.001
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum	0.039	0.039	0.070	0.089	0.035	0.040	0.003	0.006	0.064	0.093	0.002	0.070
Average	0.022	0.004	0.041	0.023	0.023	0.022	0.000	0.000	0.037	0.036	0.000	0.028

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	4/8/2015		4/9/2015		4/10/2015		4/13/2015		4/14/2015		4/15/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.001	0.021	0	0.003	0.006	0.023	0.01	0.019	0.006	0.015	0.036	0.013
2	0	0	0	0	0.006	0	0	0	0	0	0.042	0
3	0	0	0	0	0.013	0.025	0	0.002	0	0	0.04	0
4	0	0.023	0	0	0.01	0	0	0.04	0	0.002	0.037	0
5	0.001	0.076	0	0	0.01	0	0	0.075	0	0.016	0.036	0
6	0.005	0.109	0	0	0.016	0.012	0	0.059	0	0.027	0.037	0
7	0.005	0.139	0	0.001	0.018	0.026	0	0.016	0	0.031	0.039	0
8	0.005	0.166	0	0.012	0.024	0.023	0	0.011	0	0.018	0.041	0
9	0.004	0.188	0	0.019	0.018	0	0	0.002	0	0.028	0.038	0
10	0.004	0.208	0	0.031	0.019	0	0	0.004	0	0.042	0.034	0
11	0.002	0.216	0	0.039	0.026	0	0.002	0.044	0	0.032	0.035	0
12	0.006	0.229	0	0.055	0.032	0	0	0.096	0	0.026	0.033	0
13	0.002	0.244	0	0.067	0.03	0	0	0.135	0	0.021	0.027	0
14	0	0.255	0	0.081	0.037	0	0	0.123	0	0.008	0.024	0
15	0	0.273	0	0.098	0.041	0	0	0.12	0.058	0.014	0.023	0
16	0.005	0.292	0	0.097	0.044	0	0.007	0.124	0.278	0.034	0.022	0
17	0.005	0.292	0	0.11	0.049	0	0	0.139	0.249	0.042	0.027	0
18	0.004	0.287	0	0.106	0.054	0	0.018	0.15	0.244	0.049	0.018	0
19	0.011	0.315	0	0.115	0.061	0	0.063	0.159	0.251	0.047	0.018	0
20	0.013	0.327	0	0.131	0.071	0	0.092	0.179		0.041	0.014	0
21	0.016	0.354	0	0.15	0.075	0	0.088	0.174		0.055	0.012	0
22	0	0.318	0	0.12	0.084	0	0.026	0.162		0.058	0.018	0.009
23	0.002	0.319	0	0.057	0.067	0	0.007	0.131		0.042	0.017	0.015
24	0	0.327	0	0.018			0.005	0.126		0.03	0.018	0
25	0	0.327	0	0.011			0	0.134		0.021	0.009	0
26	0	0.328	0	0.007			0.002	0.127		0.034	0.014	0
27	0	0.331	0	0.007			0.001	0.111		0.04	0.012	0
28	0.003	0.326	0	0.015			0	0.101		0.043	0.001	0
29	0.004	0.327	0	0.021			0	0.089		0.026	0.001	0
30	0.009	0.335	0	0.025			0	0.088		0.015	0.001	0
31	0	0.341	0	0.022			0	0.108			0	0
32	0	0.335	0	0.02								
33	0	0.328		0.005								
34	0	0.327										
35		0.33										
36												
37												
38												
39												
40												
Minimum	N/A	N/A	N/A	N/A	0.006	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum	0.016	0.354	N/A	0.150	0.084	0.026	0.092	0.179	0.278	0.058	0.042	0.015
Average	0.003	0.246	0.000	0.044	0.035	0.005	0.010	0.092	0.057	0.029	0.023	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	4/16/2015		4/17/2015		4/20/2015		4/21/2015		4/22/2015		4/23/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.032	0.02	0.066	0.005	0.011	0.059	0.002	0.016	0.006	0.049	0	0.042
2	0.06	0	0.055	0	0	0.054	0	0	0	0	0	0
3	0.063	0	0.049	0	0	0.085	0	0	0	0	0	0
4	0.064	0	0.036	0	0	0.114	0	0	0	0	0	0
5	0.064	0	0.033	0	0	0.138	0	0	0	0	0	0
6	0.066	0	0.031	0.016	0	0.154	0	0	0	0	0	0
7	0.065	0	0.096	0.002	0	0.168	0	0	0	0	0	0
8	0.062	0	0.126	0.002	0	0.183	0	0	0	0	0	0
9	0.056	0	0.122	0	0	0.203	0	0	0	0	0	0
10	0.051	0	0.138	0.007	0	0.214	0	0	0	0	0	0
11	0.046	0	0.139	0.012	0	0.222	0	0	0	0	0	0
12	0.04	0	0.218	0.015	0	0.224	0	0	0	0	0	0
13	0.04	0	0.227	0.012	0	0.217	0	0	0	0	0	0
14	0.038	0	0.193	0.018	0	0.216	0	0	0	0	0	0
15	0.04	0	0.25	0.021	0	0.203	0	0	0	0	0	0
16	0.053	0.002	0.293	0.011	0	0.196	0	0	0.007	0	0	0
17	0.064	0	0.405	0.015	0	0.177	0	0	0.005	0	0	0
18	0.099	0.017	0.527	0.026	0.047	0.164	0	0	0.002	0	0	0
19	0.129	0.039	0.671	0.002	0.235	0.153	0	0	0	0	0	0
20	0.128	0.039	0.804	0	0.28	0.147	0	0	0	0	0	0
21	0.102	0.034	0.851	0.007	0.331	0.135	0	0	0	0	0	0
22	0.083	0.032	0.866	0.004	0.165	0.114	0	0	0	0	0	0
23	0.075	0.05	1.423	0	0.165	0.105	0	0	0	0	0	0
24	0.054	0.049	1.446	0	0.06	0.106	0	0	0	0	0	0
25	0.026	0.064	1.377	0	0.031	0.102	0	0	0	0	0	0
26	0	0.077			0.077	0.103	0	0	0	0	0	0
27	0	0.076			0.003	0.159	0	0	0	0	0	0
28	0	0.053					0	0	0	0	0	0
29	0	0.024					0	0	0	0	0	0
30		0.008							0	0		
31									0	0		
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	N/A	0.031	N/A	N/A	0.054	N/A	N/A	N/A	N/A	N/A	N/A
Maximum	0.129	0.077	1.446	0.026	0.331	0.224	0.002	0.016	0.007	0.049	N/A	0.042
Average	0.055	0.019	0.418	0.007	0.052	0.152	0.000	0.001	0.001	0.002	0.000	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	4/24/2015		4/27/2015		4/28/2015		4/29/2015		4/30/2015		5/1/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.005	0.051	0.001	0.025	0.004	0.045	0	0.053	0.122	0.039	0.007	0.015
2	0	0	0	0	0	0	0	0	0.253	0	0	0
3	0	0	0	0	0	0	0	0	0.378	0	0	0
4	0	0	0	0	0	0	0	0	0.461	0	0	0
5	0	0	0	0	0	0	0	0	0.495	0	0	0
6	0	0	0	0	0	0	0	0	0.551	0	0	0
7	0	0	0	0	0	0	0	0	0.616	0	0	0
8	0	0	0	0	0	0	0	0	0.631	0	0	0
9	0	0	0	0.003	0	0	0	0.002	0.666	0	0	0
10	0	0	0	0.007	0	0	0	0	0.787	0	0	0
11	0	0	0	0.01	0	0	0	0	0.883	0	0	0
12	0	0	0	0.006	0	0	0.001	0	0.822	0	0	0
13	0	0	0	0.002	0.014	0	0.128	0	0.81	0	0	0
14	0	0	0	0	0.011	0.002	0.206	0	0.818	0	0	0
15	0	0	0	0	0.002	0.014	0.238	0	0.835	0	0	0
16	0	0	0	0	0	0.007	0.259	0	0.852	0	0	0
17	0	0	0	0	0	0	0.297	0	0.878	0	0	0
18	0	0	0	0	0.001	0	0.367	0	0.943	0	0	0
19	0	0	0	0	0.011	0	0.474	0.001	0.963	0	0	0
20	0	0	0	0	0.153	0	0.508	0.001	0.951	0	0	0
21	0	0	0	0	0.376	0	0.53	0	0.937	0	0	0
22	0	0	0	0	0.413	0	0.572	0	0.966	0	0	0
23	0	0	0	0	0.42	0	0.591	0	0.959	0	0.004	0
24	0	0	0	0	0.421	0	0.646	0	0.962	0	0.015	0
25	0	0	0	0	0.426	0	0.655	0	0.984	0	0.07	0
26	0	0	0	0	0.436	0	0.567	0	1.006	0	0.056	0
27			0	0	0.4	0	0.497	0	1.034	0	0.026	0
28					0.449	0			1.077	0	0.036	0
29					0.471	0				0		
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.122	N/A	N/A	N/A
Maximum	0.005	0.051	0.001	0.025	0.471	0.045	0.655	0.053	1.077	0.039	0.070	0.015
Average	0.000	0.002	0.000	0.002	0.138	0.002	0.242	0.002	0.773	0.001	0.008	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	5/4/2015		5/5/2015		5/6/2015		5/7/2015		5/8/2015		5/11/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.005	0.019	0.003	0.028	0.002	0.034	0.006	0.018	0.003	0.032	0.005	0.033
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0.002	0	0	0.004	0	0	0.003	0	0.017	0	0	0
4	0.019	0	0.003	0	0.007	0	0.039	0	0.052	0	0.014	0
5	0.046	0	0.017	0	0.037	0	0.093	0	0.089	0	0.051	0
6	0.078	0	0.03	0	0.054	0	0.117	0	0.126	0	0.088	0
7	0.121	0	0.051	0	0.073	0	0.142	0	0.162	0	0.123	0
8	0.143	0	0.099	0	0.103	0	0.165	0	0.18	0	0.152	0
9	0.15	0	0.167	0	0.161	0	0.179	0	0.209	0	0.161	0
10	0.161	0	0.194	0	0.285	0	0.204	0	0.226	0	0.192	0
11	0.164	0	0.212	0	0.338	0	0.212	0	0.237	0	0.202	0
12	0.19	0	0.235	0	0.323	0	0.236	0	0.23	0	0.216	0
13	0.188	0	0.261	0	0.371	0	0.271	0	0.267	0	0.24	0
14	0.153	0	0.253	0	0.358	0	0.303	0	0.305	0	0.245	0
15	0.163	0	0.233	0	0.345	0	0.317	0	0.29	0	0.252	0
16	0.165	0	0.223	0	0.363	0	0.354	0	0.284	0.003	0.238	0
17	0.153	0	0.21	0	0.36	0	0.34	0	0.259	0.027	0.205	0
18	0.15	0	0.199	0	0.345	0	0.29	0	0.254	0.051	0.19	0
19	0.136	0	0.185	0	0.374	0	0.28	0	0.264	0.078	0.176	0
20	0.116	0	0.181	0	0.319	0	0.306	0	0.282	0.096	0.172	0
21	0.126	0	0.192	0	0.306	0	0.34	0	0.305	0.094	0.172	0
22	0.128	0	0.177	0	0.33	0	0.325	0	0.295	0.114	0.173	0
23	0.124	0	0.17	0	0.343	0.01	0.245	0	0.218	0.091	0.192	0
24	0.165	0	0.163	0	0.329	0.002	0.239	0	0.182	0.044	0.216	0
25	0.181	0	0.144	0	0.364	0	0.225	0	0.175	0.049	0.222	0
26	0.196	0	0.125	0		0	0.214	0	0.178	0.087	0.233	0
27	0.172	0	0.115	0			0.207	0	0.187	0.116		0
28	0.119	0	0.102	0			0.199	0	0.201	0.133		
29	0.092	0	0.092	0			0.206	0	0.19	0.097		
30		0	0.089	0			0.192	0		0.079		
31							0.175	0				
32							0.17	0				
33							0.148	0				
34							0.129	0				
35							0	0				
36							0	0				
37							0	0				
38												
39												
40												
Minimum	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Maximum	0.196	0.019	0.261	0.028	0.374	0.034	0.354	0.018	0.305	0.133	0.252	0.033
Average	0.124	0.001	0.138	0.001	0.236	0.002	0.186	0.000	0.195	0.040	0.159	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	5/12/2015		5/13/2015		5/14/2015		5/15/2015		5/18/2015		5/19/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.004	0.019	0.003	0.01	0.003	0.007	0.002	0.016	0.008	0.035	0.011	0.022
2	0.011	0	0.006	0	0.006	0	0	0	0.011	0	0.028	0
3	0.03	0	0.022	0	0.033	0	0.002	0	0.037	0	0.054	0
4	0.044	0	0.035	0	0.042	0	0.016	0	0.07	0	0.078	0
5	0.062	0	0.041	0	0.053	0	0.031	0	0.107	0	0.095	0
6	0.077	0	0.052	0	0.057	0	0.049	0	0.141	0	0.111	0
7	0.09	0	0.061	0	0.058	0	0.078	0	0.163	0	0.124	0
8	0.108	0	0.066	0	0.065	0	0.094	0	0.173	0	0.137	0
9	0.121	0	0.075	0	0.07	0	0.107	0	0.184	0	0.148	0
10	0.137	0	0.08	0	0.076	0	0.12	0	0.196	0	0.163	0
11	0.153	0	0.084	0	0.084	0	0.123	0	0.204	0	0.18	0
12	0.165	0	0.091	0	0.078	0	0.141	0	0.209	0	0.191	0
13	0.184	0	0.095	0	0.074	0	0.142	0	0.224	0	0.194	0
14	0.187	0	0.095	0	0.082	0	0.128	0	0.239	0	0.196	0
15	0.181	0	0.096	0	0.093	0	0.114	0	0.253	0	0.196	0
16	0.183	0	0.103	0	0.105	0	0.108	0	0.259	0	0.198	0
17	0.186	0	0.101	0	0.12	0	0.106	0	0.251	0	0.204	0
18	0.201	0	0.106	0	0.142	0	0.106	0	0.243	0	0.201	0
19	0.217	0	0.109	0	0.165	0	0.113	0	0.259	0	0.193	0
20	0.213	0	0.114	0	0.164	0	0.114	0	0.306	0	0.218	0
21	0.192	0	0.115	0	0.165	0	0.113	0	0.324	0	0.229	0
22	0.176	0	0.122	0	0.174	0	0.111	0	0.288	0	0.227	0
23	0.169	0	0.121	0	0.169	0	0.106	0	0.252	0	0.191	0
24	0.164	0	0.124	0	0.161	0	0.101	0	0.242	0	0.204	0
25	0.161	0		0	0.162	0	0.099	0	0.239	0	0.213	0
26	0.156	0		0	0.149	0	0.086	0			0.185	0
27				0	0.128	0						0
28				0								
29				0								
30				0								
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.004	N/A	0.003	N/A	0.003	N/A	N/A	N/A	0.008	N/A	0.011	N/A
Maximum	0.217	0.019	0.124	0.010	0.174	0.007	0.142	0.016	0.324	0.035	0.229	0.022
Average	0.137	0.001	0.080	0.000	0.099	0.000	0.089	0.001	0.195	0.001	0.160	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	5/20/2015		5/21/2015		5/22/2015		5/26/2015		5/27/2015		5/28/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.17	0.013	0.048	0.016	0.042	0.026	0.044	0.03	0.012	0.019	0.032	0.031
2	0.287	0	0.062	0	0.048	0	0.057	0	0.074	0	0.047	0.001
3	0.329	0	0.073	0	0.075	0	0.089	0	0.086	0	0.064	0
4	0.353	0	0.082	0	0.139	0	0.115	0	0.091	0	0.086	0
5	0.37	0	0.09	0	0.164	0	0.137	0	0.108	0	0.099	0.01
6	0.383	0	0.095	0	0.152	0	0.16	0	0.131	0	0.155	0.005
7	0.414	0	0.099	0	0.136	0	0.176	0	0.146	0	0.158	0.003
8	0.427	0	0.128	0	0.135	0	0.183	0	0.167	0	0.211	0.001
9	0.423	0	0.163	0	0.138	0	0.206	0	0.168	0	0.262	0
10	0.402	0	0.151	0	0.121	0	0.218	0	0.179	0	0.287	0.006
11	0.423	0	0.137	0	0.148	0	0.211	0	0.195	0	0.217	0.001
12	0.459	0	0.145	0	0.135	0	0.219	0	0.195	0	0.243	0.004
13	0.482	0	0.131	0	0.12	0	0.227	0	0.201	0	0.196	0
14	0.42	0	0.111	0	0.125	0	0.236	0	0.21	0	0.228	0
15	0.443	0	0.117	0	0.133	0.008	0.251	0	0.221	0	0.222	0
16	0.442	0	0.123	0	0.114	0.001	0.257	0	0.223	0	0.24	0
17	0.446	0	0.125	0	0.116	0	0.274	0	0.22	0	0.229	0
18	0.447	0	0.154	0	0.122	0	0.283	0	0.247	0	0.243	0
19	0.447	0	0.158	0	0.161	0	0.306	0	0.282	0	0.293	0.001
20	0.449	0	0.14	0	0.173	0	0.283	0	0.307	0	0.336	0
21	0.447	0	0.135	0	0.144	0	0.304	0	0.279	0	0.24	0
22	0.283	0	0.113	0	0.151	0	0.289	0	0.268	0	0.214	0.006
23	0.129	0	0.094	0	0.138	0	0.281	0	0.255	0	0.227	0.007
24	0.088	0	0.086	0	0.156	0	0.269	0	0.263	0	0.228	0.007
25	0.071	0	0.08	0	0.154	0	0.279	0	0.265	0	0.218	0.044
26	0.063	0	0.082	0	0.191	0	0.269	0	0.259	0	0.28	0.048
27	0.056	0			0.166	0	0.267	0	0.254	0		0.034
28	0.051	0			0.145	0	0.261	0	0.28	0		
29									0.301	0		
30									0.325	0.004		
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.051	N/A	0.048	N/A	0.042	N/A	0.044	N/A	0.012	N/A	0.032	N/A
Maximum	0.482	0.013	0.163	0.016	0.191	0.026	0.306	0.030	0.325	0.019	0.336	0.048
Average	0.329	0.000	0.112	0.001	0.134	0.001	0.220	0.001	0.207	0.001	0.202	0.008

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	5/29/2015		6/1/2015		6/2/2015		6/3/2015		6/4/2015		6/5/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading												
1	0.056	0.023	0.003	0.021	0.008	0.02	0.036	0.04	0.025	0.048	0.022	0.024
2	0.075	0.006	0.005	0.007	0.021	0	0.044	0.002	0.037	0.011	0.034	0
3	0.268	0.005	0.02	0.01	0.044	0	0.056	0	0.073	0.019	0.046	0
4	0.513	0.001	0.037	0.012	0.066	0	0.078	0	0.125	0.021	0.063	0
5	0.321	0	0.049	0.014	0.077	0	0.111	0	0.129	0.01	0.085	0
6	0.132	0	0.076	0.013	0.072	0	0.145	0	0.131	0.003	0.103	0
7	0.174	0	0.08	0.013	0.074	0	0.173	0	0.121	0	0.119	0
8	0.142	0	0.102	0.015	0.089	0	0.197	0	0.119	0	0.124	0
9	0.159	0	0.097	0.013	0.1	0	0.211	0	0.143	0	0.135	0
10	0.184	0	0.102	0.012	0.098	0	0.214	0	0.142	0	0.146	0
11	0.22	0	0.115	0.01	0.09	0	0.216	0	0.122	0	0.153	0
12	0.167	0.003	0.123	0.008	0.093	0	0.232	0	0.118	0	0.15	0
13	0.183	0.009	0.129	0.007	0.097	0	0.24	0	0.128	0	0.151	0
14	0.199	0.001	0.122	0.006	0.095	0	0.22	0.006	0.145	0	0.149	0
15	0.193	0.005	0.126	0.006	0.097	0	0.177	0	0.135	0	0.155	0
16	0.189	0.018	0.128	0.004	0.096	0	0.141	0	0.135	0	0.153	0
17	0.2	0.02	0.128	0.002	0.097	0	0.134	0.009	0.132	0	0.158	0
18	0.212	0.019	0.139	0	0.094	0	0.164	0.037	0.14	0	0.161	0
19	0.216	0.015	0.147	0	0.096	0	0.155	0.053	0.145	0	0.163	0
20	0.249	0.002	0.147	0	0.094	0	0.141	0.025	0.144	0	0.166	0
21	0.239	0	0.157	0	0.097	0	0.138	0	0.137	0	0.169	0
22	0.275	0	0.147	0	0.104	0	0.152	0	0.162	0	0.168	0
23	0.293	0	0.145	0	0.105	0	0.208	0	0.149	0	0.167	0
24	0.339	0	0.141	0	0.111	0	0.234	0	0.161	0	0.172	0
25	0.31	0	0.142	0	0.117	0	0.182	0	0.188	0	0.165	0
26	0.291	0	0.137	0	0.106	0	0.132	0	0.226	0	0.169	0
27	0.277	0	0.149	0	0.108	0	0.099	0	0.168	0	0.174	0
28	0.253				0.107	0			0.15	0	0.169	0
29	0.216											
30	0.188											
31	0.178											
32	0.165											
33												
34												
35												
36												
37												
38												
39												
40												
Minimum	0.056	N/A	0.003	N/A	0.008	N/A	0.036	N/A	0.025	N/A	0.022	N/A
Maximum	0.513	0.023	0.157	0.021	0.117	0.020	0.240	0.053	0.226	0.048	0.174	0.024
Average	0.221	0.005	0.107	0.006	0.088	0.001	0.157	0.006	0.133	0.004	0.135	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.10

Daily Ambient Air VOC Monitoring Data Summary (CAMP)
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Action Level = 5 ppm

Date:	6/8/2015		6/9/2015		6/10/2015		6/11/2015	
Location:	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2	Downwind-1	Downwind-2
Reading								
1	0.003	0.017	0.017		0.028	0.029	0	0.02
2	0	0	0.038		0.046	0	0	0
3	0.007	0	0.057		0.066	0	0	0
4	0.024	0	0.077		0.079	0	0	0
5	0.039	0	0.092		0.091	0	0	0
6	0.053	0	0.103		0.099	0	0.007	0
7	0.066	0	0.115		0.105	0	0.018	0
8	0.08	0	0.125		0.113	0	0.048	0
9	0.087	0	0.131		0.121	0	0.055	0
10	0.096	0	0.135		0.128	0	0.056	0
11	0.104	0	0.139		0.135	0	0.046	0
12	0.107	0	0.141		0.137	0	0.037	0
13	0.109	0	0.145		0.136	0	0.047	0
14	0.112	0	0.145		0.136	0	0.049	0
15	0.112	0	0.147		0.138	0		0
16	0.114	0	0.15		0.14	0		0
17	0.121	0	0.154		0.143	0		0
18	0.127	0	0.157		0.142	0		0
19	0.13	0	0.16		0.142	0		0
20	0.134	0	0.167		0.142	0		0
21	0.137	0	0.167		0.137	0		0
22	0.139	0	0.167		0.129	0		0
23	0.142	0	0.169		0.129	0		0
24	0.145	0	0.173		0.138	0		0
25	0.154	0	0.175		0.143	0		0
26	0.162	0	0.176		0.147	0		
27	0.165	0	0.175		0.153	0		
28	0.163	0	0.176		0.159	0		
29					0.161	0		
30					0.164	0		
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
Minimum	N/A	N/A	0.017	N/A	0.028	N/A	N/A	N/A
Maximum	0.165	0.017	0.176	N/A	0.164	0.029	0.056	0.020
Average	0.101	0.001	0.135	N/A	0.124	0.001	0.026	0.001

Note: All 15-minute average readings in parts per million (ppm)

Table 4.11

Wastewater Treatment Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Raw Water			Treated Water								
Received	Volume (gal)	Tank	Tank	Treatment Date	Volume (gal)	Sample #	Sample Date	Pass/Fail	Discharge Date	Volume Discharged (gal)	Comments
12/11/14	14,440	3	10	12/15-16/14	14,440	001	12/16/14	P	1/19/15	14,440	
12/19/14	17,257	3	9	12/22-24/15	17,257	002	1/5/15	P	1/19/15	17,257	
3/20 - 4/7/15	17,120	3	10	4/7-8/15	17,120	003	4/8/15	P	4/10/15	17,120	
4/7/15	17,650	1	9	4/8/15	17,650	004	4/8/15	P	4/10/15	17,650	
4/7-8/15	19,800	2	8	4/9/15	19,800	005	4/10/15	P	4/13/15	19,800	
4/8-9/15	19,546	1	7	4/9-10/15	19,546	006	4/10/15	P	4/15/15	19,546	
4/9/15	19,030	5	11	4/10/15	19,030	007	4/11/15	P	4/15/15	19,030	
4/9-10/15	19,043	6	14	4/10-11/15	19,043	008	4/11/15	P	4/15-16/15	19,043	
4/10/15	19,179	3	10	4/11/15	19,179	009	4/13/15	P	4/16/15	19,179	
4/10-11/15	19,625	6	9	4/11/15	19,625	010	4/13/15	P	4/16/15	19,625	
4/11/15	19,379	1	13	4/13/15	19,379	011	4/14/15	P	4/16/15	19,379	
4/11-13/15	18,891	2	14	4/13-14/15	18,891	012	4/14/15	P	4/16/15	18,891	
4/13-14/15	14,463	3	8	4/14/15	14,463	013	4/15/15	P	4/16-17/15	14,463	
4/14/15	19,171	6	7	4/14-15/15	19,171	014	4/16/15	P	4/16-17/15	19,171	
---	---	6	8	4/14-15/15	7,000	013	4/15/15	P	4/16-17/15	7,000	
4/14/15	19,540	5	11	4/16/15	19,540	015	4/16/15	P	4/17/15	19,540	
4/14-15/15	9,687	1	7	4/18/15	4,500	019	4/19/15	P	4/17/15	4,500	
---	---	1	12	4/18/15	5,187	021	4/19/15	P	4/21/15	5,187	
4/15/15	14,705	2	14	4/16/15	14,070	016	4/17/15	P	4/20/15	14,070	
4/15/15	19,736	3	10	4/16-17/15	19,736	017	4/17/15	P	4/20/15	19,736	
4/15-16/15	9,881	4	9	4/17/15	9,455	018	4/18/15	P	4/20/15	9,455	
4/16/15	18,779	6	9	4/17/15	11,545	018	4/18/15	P	4/20/15	11,545	
---	---	6	8	4/17/15	6,423	020	4/19/15	P	4/21/15	6,423	
4/16/15	14,420	5	8	4/17-18/15	6,191	020	4/19/15	P	4/21/15	6,191	
---	---	5	7	4/18/15	7,607	019	4/19/15	P	4/21/15	7,607	
4/16-17/15	13,997	1	7	4/18/15	4,349	019	4/19/15	P	4/21/15	4,349	
---	---	1	12	4/18/15	9,044	021	4/19/15	P	4/21/15	9,044	
4/17/15	14,682	2	12	4/18-19/15	11,548	021	4/19/15	P	4/21/15	11,548	
---	---	2	13	4/19/15	2,500	022	4/20/15	P	4/21-22/2015	2,500	
4/17/15	14,736	3	13	4/19-20/15	14,100	022	4/20/15	P	4/21-22/2015	14,100	
4/18/15	19,591	6	11	4/20/15	19,591	023	4/20/15	P	4/22/15	19,591	
4/17-18/15	9,473	4	9	4/21/15	9,473	026	4/22/15	F	---	---	
---	---	9	7	4/22/15	9,011	028	4/23/15	F	---	---	Retreatment of Tank 9; Sample 026 Failed
---	---	7	8	4/27/15	7,738	036	4/28/15	P	4/28/15	7,738	Retreatment of Tank 7; Sample 028 Failed
4/19/15	19,600	5	14	4/21/15	19,600	024	4/21/15	F	---	---	
---	---	14	13	4/24-25/15	18,754	031	4/25/15	P	4/28/15	18,754	Retreatment of Tank 14; Sample 024 Failed
4/19/15	19,040	1	10	4/21/15	18,620	025	4/21/15	F	---	---	
---	---	10	12	4/24-25/15	18,237	033	4/27/15	P	4/27-28/15	18,237	Retreatment of Tank 10; Sample 025 Failed
4/19-20/15	17,281	2	8	4/22/15	16,323	027	4/22/15	F	---	---	
---	---	8	9	4/27/2015	14,835	037	4/28/15	P	4/28-29/15	14,835	Retreatment of Tank 08; Sample 027 Failed
4/20-21/15	17,591	3	12	4/28/15	14,441	039	4/29/15	P	4/30-5/1/15	14,441	
4/21/15	14,186	6	9	4/22-23/15	12,586	029	4/23/15	F	---	---	
---	---	9	11	4/25-26/15	13,617	032	4/27/15	P	4/27/15	13,617	Retreatment of Tank 09; Sample 029 Failed
4/21/15	19,186	5	11	4/23/15	16,655	030	4/24/15	F	---	---	
---	---	11	14	4/25/15	16,898	034	4/27/15	P	4/27-28/15	16,898	Retreatment of Tank 11; Sample 030 Failed
4/22/15	18,977	1	10	4/26-27/15	16,865	035	4/27/15	P	4/28/15	16,865	
4/22/15	9,706	4	10	5/5/15	8,247	046	5/5/15	P	5/7/15	8,247	
4/23/15	14,052	2	7	4/27-28/15	15,136	038	4/28/15	P	4/30/15	15,136	
4/23-24/15	13,723	6	11	4/28-29/15	13,560	040	4/29/15	P	4/30-5/1/15	13,560	
4/24/15	18,166	5	10	4/29/15	16,354	041	4/30/15	P	5/4/15	16,354	
4/28/15	18,034	1	9	4/29-30/15	17,034	042	4/30/15	P	5/4/15	17,034	
4/28-29/15	14,664	2	8	4/30-5/1/15	13,887	043	5/1/15	P	5/4-5/15	13,887	
4/29/15	14,210	3	7	5/1-4/15	13,399	044	5/4/15	P	5/6/15	13,399	
4/30/15	14,262	6	9	5/5-6/15	13,198	047	5/6/15	P	5/8/15	13,198	
4/30 - 5/1/15	18,982	5	11	5/4-5/15	17,580	045	5/5/15	P	5/7/15	17,580	
5/1/15	12,802	1	8	5/6-7/15	12,291	048	5/7/15	P	5/8-11/15	12,291	
5/4/15	18,680	2	7	5/7-8/15	16,049	049	5/8/15	P	5/11/15	16,049	
5/5/15	14,418	3	11	5/8/15	14,150	050	5/8/15	P	5/12/15	14,150	
5/5-6/15	18,360	5	10	5/8-11/15	19,324	051	5/11/15	P	5/12-13/15	19,324	
5/6-7/15	15,148	6	9	5/11-12/15	14,850	052	5/12/15	P	5/15/15	14,850	
5/7-8/15	14,364	1	8	5/12-13/15	14,232	053	5/13/15	P	5/15/15	14,232	
5/8-11/15	17,386	2	7	5/13-14/15	18,041	054	5/14/15	P	5/18/15	18,041	
5/11-12/15	13,844	3	10	5/14-15/15	13,293	055	5/15/15	P	5/18/15	13,293	
5/12-13/15	18,465	5	11	5/15-18/15	17,466	056	5/18/15	P	5/19/15	17,466	
5/13/15	13,955	6	9	5/18/15	12,184	057	5/19/15	P	5/20-21/15	12,184	
5/15-18/15	17,597	1	8	5/19/15	17,478	058	5/19/15	F	---	---	
---	---	8	10	5/21-22/15	16,086	060	5/22/15	P	5/27/15	16,086	Retreatment of Tank 08; Sample 058 Failed
---	---	8	4	5/21/15	1,529	---	---	---	---	---	Resume retreatment of Tank 08. Flush treatment system after backwashing to raw water Tank 04.
---	---	4	3	5/28/15	---	---	---	---	---	---	Moved water from Tank 04 into Tank 03
---	---	3	10	5/29-6/1/15	18,460	064	6/1/15	P	6/2-3/15	18,460	Retreatment of Tank 08 water from flushing system after backwashing system and residual water remaining in Tank 04 from previous treatments and decontamination waters

Table 4.11

Wastewater Treatment Summary
Interim Remedial Measure Project Summary Report
Niagara Sanitation
Wheatfield, New York

Raw Water			Treated Water									
Received	Volume (gal)	Tank	Tank	Treatment Date	Volume (gal)	Sample #	Sample Date	Pass/Fail	Discharge Date	Volume Discharged (gal)	Comments
5/18/15	9782	2	7	5/20/15	8,310	059	5/20/15	P	5/22/15	8,310	
5/20/15	14723	3	9	5/22-26/15	13,465	061	5/26/15	P	5/27-28/15	13,465	
5/22/15	18474	2	8	5/26-28/15	18,432	062	5/28/15	P	6/1/15	18,432	
5/26/15	19153	1	7	5/28-29/15	18,956	063	5/28/15	P	6/2/15	18,956	
5/29/15	8297	2	9	6/1-2/15	7,486	065	6/2/15	P	6/3-5/15	7,486	
6/1/15	7161	4	---	---	---	---	---	---	---	---	Decontamination Water
6/2/15	14369	1	8	6/3-5/15	14,538	066	6/5/15	F	---	---	
6/2/15	4684	2	8	6/5/15	3,812	066	6/5/15	F	---	---	
---	---	8	9	6/9/15	17,750	068	6/10/15	P	6/15/2015	17,750	Retreatment of Tank 08; Sample 066 Failed
6/3/15	---	3	---	---	---	---	---	---	---		Transfer 7161 gallons decon water from Tank 04
6/5/15	9578	3	10	6/8-9/15	19,860	067	6/9/15	F	---	---	
---	---	10	7	6/15-16/15	19,230	070	6/16/15	P	6/18/15	19,230	Retreatment of Tank 10; Sample 067 Failed
6/8/15	18852	2	8	6/10-15/15	17,006	069	6/15/15	P	6/16-17/15	17,006	
6/12/15	18899	3	10	6/16-18/15	18,115	071	6/18/15	P	6/19/2015	18,115	
6/17/15	9524	2	9	6/18-19/15	11,809	072	6/19/15	F	---	---	
6/18/15	10761	1	9	6/19-22/15	5,748	072	6/19/15	F	---	---	
---	---	1	10	6/19-22/15	4,578	072	6/19/15	F	---	---	
---	---	9	10	6/23/15	17,027	073	6/24/15	P	6/25-26/15	17,027	Retreatment of Tank 09; Sample 072 Failed
---	---	10	3	6/22-23/15	---	---	---	---	---	---	Transfer 4578 gallons from Tank 10 to Tank 03 of waters from Tank 01 and decon waters.
6/22/15	4940	3	9	6/25/15	18,650	074	6/26/15	P	7/1/2015	18,650	
---	---	4	---	7/1/15	2,085	---	---	---	---	2,085	Decon water; passed through treatment system directly into Durez WWT System.
Total Received (gal)	1,039,697			**Total Treated (gal)**	1,221,318				**Total Discharged (gal)**	1,039,698	