CONSTRUCTION COMPLETION REPORT

for

QUEENS PLAZA NORTH
29-23 41st Avenue, 29-23 Queens Plaza North, and 29-47 Queens Plaza North
Long Island City, New York
Block 403, Lots 6, 10, and 11
NYSDEC BCP Site No. C241171

Prepared For:

QPP LLC
c/o The Durst Organization
One Bryant Park
New York, New York 10036

Prepared By:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

November 7, 2017
Langan Project No. 170316402

CERTIFICATION

I, Jason J. Hayes, certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the interim remedial measures, and I certify that all construction activities were completed in substantial conformance with the DER-approved Soil Excavation Work Plan.

089491 — NYS Professional Engineer #

11-7-2017 — Date

Stamp/Signature

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C (Langan) prepared this Construction Completion Report (CCR) on behalf of QPP LLC (the Volunteer) for the Queens Plaza North property located at 29-23 41st Avenue, 29-23 Queens Plaza North, and 29-47 Queens Plaza North in Long Island City, New York (the "site"). The New York City Tax Map identifies 29-23 41st Avenue as Block 403, Lot 6, 29-23 Queens Plaza North as Block 403, Lot 11, and 29-47 Queens Plaza North as Block 403, Lot 10. A Site Location Map is included as Figure 1.

The site was entered into the New York State Brownfield Cleanup Program (BCP) in July 2015 following the execution of a Brownfield Cleanup Agreement (BCA) between the New York State Department of Environmental Conservation (NYSDEC) and the previous site owner, Queens Plaza Park Development LLC (BCP Site No. C241171). An amendment to the BCA, executed on March 29, 2017, substituted QPP LLC as the Volunteer and removed Queens Plaza Park Development LLC.

Langan prepared a Soil Excavation Work Plan (SEWP) to address earthwork associated with construction of the support of excavation (SOE) system and foundation elements and excavation to construction sub-grade. The SEWP, which was approved by the NYSDEC on January 26, 2016, was prepared in accordance with the requirements of the New York State BCP and NYSDEC's May 2010 Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10).

As an Interim Remedial Measure (IRM) and in accordance with the SEWP, hazardous lead-impacted soil on Lot 10 was excavated and transported off-site, and two abandoned fuel oil fill ports in the Northern Boulevard and 41st Avenue sidewalks were investigated in March 2017. This CCR, which documents implementation of the IRM, was prepared in accordance with the NYSDEC-approved SEWP and the requirements of DER-10, Sections 5.8(b), (c), and (g).

2.0 SITE BACKGROUND

2.1 Site Description

The site is comprised of three contiguous lots in the Long Island City neighborhood of Queens:

- 29-23 41st Avenue (Block 403, Lot 6);
- 29-47 Queens Plaza North (Block 403, Lot 10); and
- 29-23 Queens Plaza North (Block 403, Lot 11).

The cumulative footprint is 0.5570 acres. The site excludes Block 403, Lot 9 (29-19 41st Avenue), which adjoins the three lots along Queens Plaza North and was removed from the BCP site metes and bounds description in a BCA Amendment dated March 29, 2017. Lots 6 and 11 consist of vacant land covered with sand, gravel, vegetative overgrowth and construction debris and Lot 10 consists of an asphalt-paved parking lot. The adjoining Lot 9 consists of a vacant, 10-story office building with a cellar. The BCP site is enclosed by a chain-link fence. There is a registered, abandoned-in-place 2,000-gallon fuel oil storage tank (Petroleum Bulk Storage [PBS] No. 2-347493) potentially located on Lot 6 or Lot 11. The location of the abandoned storage tank has not been identified.

The site is bordered by the Metropolitan Transit Authority (MTA) East Side Access (ESA) tunnel project to the north; Northern Boulevard and commercial buildings to the east; 41st Avenue (Queens Plaza North) and a public plaza (Queens Plaza) to the south; and 41st Avenue and commercial mid- and high-rise buildings to the west. Elevated and underground subway lines border the site to the east along Northern Boulevard. Mixed-use commercial, retail, and residential buildings characterize the surrounding area, and a Long Island Railroad (LIRR) train yard (Sunnyside Yard) is located about 200 feet east of the site. A Site Location Map is included as Figure 1, and a site survey is included in Appendix A.

2.2 Site History

The site has been developed since the late 1800s. As early as 1898, the site was occupied by multiple structures, including a hotel, office building, and motorcycle repair shop on Lot 10 and the adjoining Lot 9 and multiple-story buildings of indeterminate usage, a gymnasium, a bowling alley, and a portion of a dance hall on Lots 6 and 11. A hotel located on the northeastern corner of Lot 6 was demolished between 1947 and 1950. The existing 10-story commercial office building on adjoining Lot 9 was constructed in 1926. A multiple-story commercial bank was constructed on Lot 11 in 1921, and a second multiple-story building was

constructed directly north of the bank in 1962. Both buildings were demolished in the early 2000s, and backfill was used to grade the vacant parts of the site. From approximately 1936 to 1970, the southern part of an automotive repair shop and painting facility with seven gasoline underground storage tanks (USTs) straddled the northeastern border of Lot 6.

2.3 Previous IRM-Related Environmental Findings

A Phase II Environmental Site Investigation (ESI) was performed on Lots 6, 9, 10, and 11 by Langan on behalf of the previous site owner, Queens Plaza Park Development LLC, in October 2014. A layer of historic fill material containing concentrations of semivolatile organic compounds (SVOCs), metals, and pesticides above the Title 6 of the New York Code of Rules and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs) was identified throughout the site. One sample of historic fill collected from the western portion of Lot 10 exhibited a toxicity characteristic leaching procedure (TCLP) lead concentration above the United States Environmental Protection Agency (USEPA) Resource Conservation and Recovery Act (RCRA) Characteristic Hazardous Waste Regulatory Level.

During supplemental soil and groundwater sampling conducted in January 2015, nine soil borings were advanced in and around the hazardous lead-impacted hot spot on Lot 10. Soil samples collected from the delineation borings indicated that hazardous lead-impacted soil is confined to an about 200-square-foot area that extends to a depth of about 6 feet below grade surface (bgs). The 2015 investigation included exploratory test pits at the locations of geophysical anomalies on Lot 6 and adjacent to abandoned fuel oil fill ports on the Northern Boulevard and 41st Avenue sidewalks. The test pits did not reveal the presence of USTs.

2.4 Development Plans

The Volunteer intends to develop the site with two new commercial buildings on Lots 10 and 11 and an approximately 70-story residential tower on Lot 6. Each building will contain one cellar level extending to about 16 feet bgs. The Northern Boulevard sidewalk will be extended about 20 feet onto the eastern portion of the site.

2.5 Site Topography and Geology

Sidewalk grades generally decrease from the west to the east across the site footprint. The sidewalk elevations along Northern Boulevard at the eastern boundary of the site range from north to south between about elevation (el) 27 to el 25. The sidewalk elevations along 41st Avenue, at the western boundary of the site, range from north to south between about el 33 to

el 29. Regional topography generally slopes to the south towards the Dutch Kills. Elevations are referenced to the North American Vertical Datum of 1988 (NAVD88).

Historic fill material underlies the surface cover and extends to depths of about 3 feet bgs in the northern portion of the site, 10 feet bgs in the eastern portion of the site, and 19 feet bgs in the western portion of the site. The fill generally consists of brown, fine-grained sand with varying amounts of silt, gravel, cobbles, brick, concrete, glass, and organic material. The fill is underlain by native soil generally consisting of banded light brown over dark brown, medium- to fine-grained sand with variable amounts of silt and gravel. During a 2015 geotechnical investigation, bedrock was encountered at depths between about 62 and 93 feet bgs.

2.6 Site Hydrogeology

Synoptic groundwater level measurements were most recently collected on April 25, 2017 from five permanent, on-site groundwater monitoring wells. The top of groundwater was encountered between el 8.51 and el 9.17, which corresponds to depths of about 17 and 23 feet bgs. Based on these measurements, groundwater is inferred to flow from southwest to northeast across the site footprint.

2.7 Regulatory Correspondence

The following regulatory correspondence has been issued with respect to the IRM. A copy of each letter is included in Appendix B.

1. On January 26, 2016, MD Hoque of NYSDEC issued a letter to Langan approving the SEWP, dated December 11, 2015.
2. On November 21, 2016, Michael Komoroske of NYSDEC issued a "BCP Opportunity to Cure Violation" notice to Queens Plaza Park Development LLC, Langan, and Sive, Paget & Riesel, P.C. The notice presented a revised milestone schedule requiring implementation of the SEWP by March 1, 2017 and submittal of a Remedial Action Work Plan (RAWP) by January 15, 2017.
3. On December 5, 2016, Queens Plaza Park Development LLC issued a response letter to the November 2016 "BCP Opportunity to Cure Violation" letter. The letter committed to a revised schedule consisting of completion of an IRM by March 31, 2017, submittal of a draft RAWP by April 15, 2017, and implementation of the RAWP by September 1, 2017.

2.8 Remedial Action Objectives

The objectives of the IRM were to remove soil containing lead at concentrations above the USEPA RCRA Hazardous Waste Regulatory Level, investigate abandoned fill ports on the Northern Boulevard and 41st Avenue sidewalks, and remove any USTs associated with the fill ports. The objectives were achieved by 1) excavating hazardous lead-impacted soil from Lot 10 to the extents defined by the January 2015 delineation sampling; and 2) removing both abandoned fill ports and observing conditions underneath the sidewalk near the fill ports. Removal of hazardous lead-impacted soil from Lot 10 eliminated the potential for human exposure under current and future conditions. Investigation of the fill ports confirmed that abandoned USTs and petroleum impacts to soil are not associated with the fill ports.

2.9 Changes to the SEWP

The fuel oil fill ports identified in the 41st Avenue and Northern Boulevard sidewalks were not removed in accordance with the SEWP. The deviations are summarized as follows:

- The fill port and attached metal pipe identified in the 41st Avenue sidewalk fell into an about 1-foot diameter by 12-foot deep void after the concrete collar was broken. The detached fill port will be retrieved during implementation of the RAWP.

- The fill port in the Northern Boulevard sidewalk was attached to a vertical, 22-foot deep, 1-inch diameter polyvinyl chloride (PVC) pipe. Because the function of the pipe was not indicated, the fill port was restored as a cap to the pipe. The PVC pipe will be further investigated during implementation of the RAWP.

3.0 REMEDIAL ACTIVITIES

The IRM was implemented on February 28, 2017 and March 8, 29, and 30, 2017 in accordance with the NYSDEC-approved SEWP. The IRM included the following work:

- Removal of a disconnected, abandoned fill port in the 41st Avenue sidewalk, and investigation of a fill port in the Northern Boulevard sidewalk.
- Excavation, transport, and off-site disposal of hazardous lead-impacted soil from Lot 10. The soil was excavated from an about 200-square-foot, 6-foot-deep area that was backfilled to grade following excavation. Confirmation soil samples were collected from the base and sidewalls of the excavation, in accordance with DER-10.

Langan observed and documented implementation of the IRM. During ground-intrusive work, Langan implemented a community air monitoring program (CAMP) for VOCs and particulates less than 10 microns in diameter (PM10). The CAMP monitoring data is included in Appendix C. Implementation of the CAMP and IRM were conducted in accordance with the Construction Health and Safety Plan (CHASP) appended to the SEWP.

Daily site observation reports summarizing the work and a photographic log are provided in Appendices D and E, respectively. Figure 2 shows the locations of the abandoned fill ports and the area containing hazardous lead-impacted soil.

3.1 Abandoned Fuel Oil Fill Port Investigation

On February 28, 2017, the abandoned fuel oil fill ports located in the 41st Avenue and Northern Boulevard sidewalks adjacent to Lots 11 and 6, respectively, were investigated. Under the supervision of a Langan field engineer, AARCO Environmental Services Corp. (AARCO) removed the sidewalk flag surrounding each fill port by saw cutting the edges and using a jackhammer to chop the concrete.

The fill port in the 41st Avenue sidewalk was attached to a 90-degree elbow and about 1 foot of metal pipe. The fill port and the metal pipe fell into an about 1-foot diameter, 12-foot deep void after the concrete collar was broken. The void appears to extend into a vacant, brick-encased vault underneath the sidewalk. Odors or photoionization detector (PID) readings above background were not detected in the headspace of the opening. The fill port and attached metal pipe were left in the vault and will be retrieved during implementation of the RAWP. A sheet metal cover was secured over the vault and the sidewalk flag was replaced. There were no indications that UST-related piping extended from the fill port onto the site.

The fill port in the Northern Boulevard sidewalk was attached to a vertical, 22-foot deep, 1-inch diameter PVC pipe. Odors or PID readings above background were not detected within the headspace of the PVC pipe opening. The pipe was filled with water between about 17 and 22 feet below ground surface (bgs). The function of the PVC pipe was not indicated. To maintain a cap for the pipe, the fill port was placed on top of the PVC pipe and the sidewalk flag was replaced. There were no indications that UST-related piping extended from the fill port onto the site. The fill port and PVC pipe will be further investigated during implementation of the RAWP.

The former locations of the fill ports are shown on Figure 2.

3.2 Hazardous Lead-Impacted Soil Removal

On February 8, 2017, prior to implementation of the IRM, a RCRA facility ID was obtained (USEPA ID NYR000230581). On March 8, 2017, AARCO removed the asphalt cover above the area of hazardous lead-impacted soil near the northern portion of Lot 10 and excavated a portion of the hazardous lead-impacted soil. Excavation to the target depth of 6 feet bgs was suspended, following a Stop Work Order issued by an inspector from the New York City Transit Authority (NYCTA). Work was suspended pending receipt of railroad protective liability insurance. The excavation covered an about 200-square-foot area and extended to a depth of about 4.5 feet bgs. The excavated soil was loaded onto a tri-axle truck for transport under hazardous waste manifest to the Clean Earth of North Jersey (CENJ) facility in Kearny, New Jersey. A Langan field engineer documented the work and screened the excavation for indications of impacts. Staining, odors, PID readings above background levels, or other indications of a chemical or petroleum release were not apparent. About 40 tons of recycled concrete aggregate (RCA) were imported to the site from Evergreen Recycling of Corona, Inc. (EROC) in Corona, New York and stockpiled on Lot 10 for use as backfill upon completion of the excavation. AARCO covered the temporary open excavation and stockpiles of asphalt and RCA with polyethylene sheeting prior to vacating the site.

AARCO returned to the site on March 29, 2017 to complete the excavation of hazardous lead-impacted soil. To comply with NYCTA operating requirements, AARCO used hand tools to remove soil to a final depth of about 6 feet bgs. Staining, odors, PID readings above background levels, or other indications of a chemical or petroleum release were not apparent. Excavated soil was stockpiled on polyethylene sheeting on Lot 10, and the stockpile was covered with polyethylene sheeting at the end of the workday.

On March 30, 2017, AARCO loaded the stockpiled hazardous lead-impacted soil into two tri-axle trucks for transport under hazardous waste manifest to the CENJ facility. Stockpiled RCA was used to backfill the excavation to surface grade.

Plan and profile views of the excavation are provided on Figure 2.

3.3 Excavated Material Transport and Off-Site Disposal

The following solid wastes were generated during implementation of the IRM:

- 66.7 tons of hazardous lead-impacted soil excavated from Lot 10 were transported to the CENJ facility located in Kearny, New Jersey.
- About 3 cubic yards of asphalt were transported to the Con-Strux facility in Westbury, New York.

Hazardous lead-impacted soil was loaded by AARCO and transported off-site by J&D Trucking using tri-axle trucks with a valid NYSDEC Part 364 waste transporter permit. A copy of J&D Trucking's Part 364 permit is included in Appendix F. CENJ is a New Jersey Department of Environmental Protection (NJDEP) permitted hazardous waste treatment, storage, and transfer facility. A copy of CENJ's NJDEP permit and waste receiving approval letter are included in Appendix F. Counter-signed hazardous waste disposal manifests and weight tickets confirming receipt of the soil by CENJ are included in Appendix G.

Waste asphalt that was removed from the surface to expose hazardous lead-impacted soil was transported by AARCO to the Con-Strux facility in Westbury, New York on March 30, 2017. Con-Strux is a recycling facility that accepts demolished concrete, asphalt, and masonry materials.

Table 1 provides a summary of material exported from the site.

3.4 Imported Material

About 40 tons of RCA were imported to the site to backfill the lead hot spot excavation. The RCA was imported from EROC, an NYSDEC Part 360-registered solid waste management facility in Flushing, New York. The RCA sieve analysis and weight tickets, EROC's Part 360 registration, and a letter from EROC certifying the integrity of their product is included in Appendix I.

3.5 Confirmation Soil Sampling

On March 28, 2017, Langan collected five confirmation soil samples from the base and sidewalls of the excavation on Lot 10, in accordance with DER-10. Samples were collected into laboratory-supplied containers and transported to Alpha Analytical, Inc. (Alpha) via the laboratory's courier service under a standard chain-of-custody protocol. Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts. Alpha analyzed the samples for total and TCLP lead.

The locations of the confirmation samples are summarized as follows:

- EP01 - about 3 feet bgs along the northern excavation sidewall;
- EP02 - about 4.5 feet bgs along the eastern excavation sidewall;
- EP03 - about 5 feet bgs along the southern excavation sidewall;
- EP04 - about 4 feet bgs along the southern excavation sidewall; and
- EP05 - base of the excavation (about 6 feet bgs).

The laboratory analytical results indicated concentrations of TCLP lead between 1.7 milligrams per kilogram (mg/kg) and 2.8 mg/kg. The TCLP lead results indicated that lead remaining on-site does not exceed the USEPA RCRA Hazardous Waste Regulatory Level. Confirmation soil sample locations are shown on Figure 3, a summary of the analytical results is included in Table 2, and the laboratory analytical reports are included in Appendix H.

3.6 Community Air Monitoring Program

Langan conducted continuous air monitoring at stationary upwind and downwind locations relative to the work areas during implementation of the IRM. Air quality monitoring was conducted in accordance with the NYSDEC-approved SEWP, the NYSDOH Generic Community Air Monitoring Plan (CAMP) and the Occupational Safety and Health Administration (OSHA) standards for construction (29 Code of Federal Regulations [CFR] 1926). A Langan field engineer also monitored the work area for dust and organic vapors.

Air monitoring was performed in conjunction with ground-intrusive activities on February 28, 2017 and on March 8, 29, and 30, 2017. Langan was present to notify the contractor of PM10 or total VOC detections above the established thresholds and observations of fugitive dust from the excavation. Dust was controlled by using water to suppress airborne particulates. PM10

and VOC concentrations did not exceed action levels during the IRM. CAMP data are provided in Appendix C.

4.0 CONCLUSIONS

The following IRM was performed:

- Removal of a disconnected, abandoned fuel oil fill port from the 41st Avenue sidewalk. The fill port was attached to a 90-degree elbow and one-foot of metal pipe. The fill port and metal pipe fell into an about 1-foot diameter, 12-foot deep void after the concrete collar was broken. The void extends into an abandoned, brick-encased vault underneath the sidewalk. The fill port and pipe were left in the vault and will be retrieved during implementation of the RAWP. The disturbed sidewalk flag was restored.
- Investigation of an abandoned fuel oil fill port in the Northern Boulevard sidewalk. The fill port was attached to a 22-foot deep, 1-inch diameter PVC pipe. The former use of the PVC pipe was not indicated. The metal cap was placed back on top of the PVC pipe and the sidewalk panel was restored. The fill port and PVC pipe will be further investigated during implementation of the RAWP.
- Excavation, off-site transport, and disposal of 66.7 tons of hazardous lead-impacted soil from Lot 10. The soil was removed from an about 14-foot by 16-foot area and extended to a depth of about 6 feet bgs. The excavation was backfilled to grade with about 40 tons of imported RCA. The soil was transported on tri-axle trucks with valid NYSDEC Part 364 waste transporter permits to the CENJ facility in Kearny, New Jersey.
- Collection of five confirmation soil samples from the hazardous lead-impacted soil excavation on Lot 10 and laboratory analysis for total and TCLP lead. The laboratory analytical results confirmed that soil with characteristic lead concentrations above the RCRA Hazardous Waste Regulatory Level was removed.
- Implementation of CAMP during the IRM. PM10 and VOC concentrations did not exceed action levels during ground-intrusive work.

Langan prepared daily site observation reports documenting the IRM, and will continue to prepare monthly progress reports in accordance with the NYSDEC-approved SEWP, the RAWP, and the BCA.

TABLES

Table 1 - Materials Export and Import Summary
Queens Plaza North
Long Island City, New York
Langan Project No. 170316402
Brownfield Cleanup Program No. C241171

Media	Quantity	Date	Facility (exported to or imported from)	Manifests/Weight Tickets
Material Exported Off-Site				
Hazardous Lead-Impacted Soil	23.1 tons	3/8/2017	Clean Earth of North Jersey (Kearny, New Jersey)	Appendix G
Hazardous Lead-Impacted Soil	43.6 tons	3/30/2017	Clean Earth of North Jersey (Kearny, New Jersey)	Appendix G
Asphalt	3 cubic yards	3/30/2017	Con-Strux (Westbury, New York)	N/A
Material Imported On-Site				
Recycled Concrete Aggregate (RCA)	40 tons	3/8/2017	Evergreen Recycling of Corona (Flushing, New York)	Appendix I

Table 2 - Confirmation Soil Sample Analytical Results

Queens Plaza North

Long Island City, New York

Langan Project No. 170316402

Brownfield Cleanup Program No. C241171

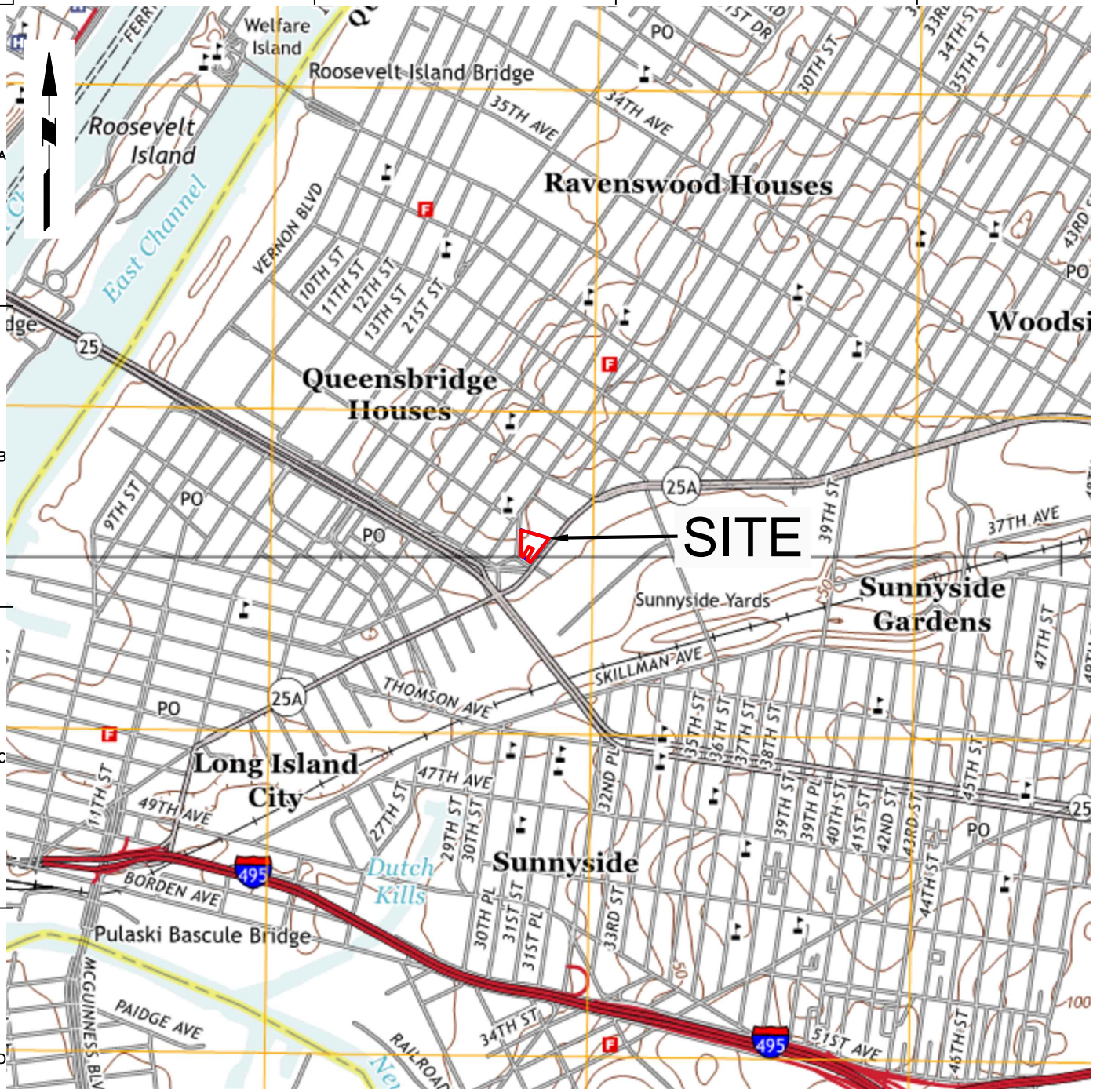
Sample ID Sampling Date Lab Sample ID Sample Location	RCRA Hazardous Waste Level	EP01_032917 3/29/2017 L1709594-01 northern sidewall, 3 feet bgs		EP02_032917 3/29/2017 L1709594-02 eastern sidewall, 4.5 feet bgs		EP03_032917 3/29/2017 L1709594-03 southern sidewall, 5 feet bgs	
TCLP Metals (mg/L)							
Lead, TCLP	5	0.5	U	0.5	U	0.5	U
Total Metals (mg/kg)							
Lead, Total	~	2.3		1.7	J	2	

Sample ID Sampling Date Lab Sample ID Sample Location	RCRA Hazardous Waste Level	EP04_032917 3/29/2017 L1709594-04 western sidewall, 4 feet bgs		EP05_032917 3/29/2017 L1709594-05 excavation base, 6 feet bgs	
TCLP Metals (mg/L)					
Lead, TCLP	5	0.5	U	0.5	U
Total Metals (mg/kg)					
Lead, Total	~	2		2.8	

Notes:

1. Toxicity characteristic leaching procedure (TCLP) lead soil sample analytical results are compared to the Resource Conservation and Recovery Act (RCRA) Maximum Concentration of Contaminants for the Toxicity Characteristic.
2. bgs = below grade surface
3. mg/L = milligrams per liter
4. mg/kg = milligrams per kilogram
5. ~ = criteria does not exist
6. U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reorting Limit (RL) ; the value shown in the table is the RL.
7. J =The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.

FIGURES



LEGEND:

BROWNFIELD CLEANUP PROGRAM SITE BOUNDARY

BASE MAP REFERENCE: UNITED STATES GEOLOGICAL SURVEY (USGS) CENTRAL PARK, N.Y.-N.J. TOPOGRAPHIC QUADRANGLE MAP, DATED 2016

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Project

QUEENS PLAZA NORTH

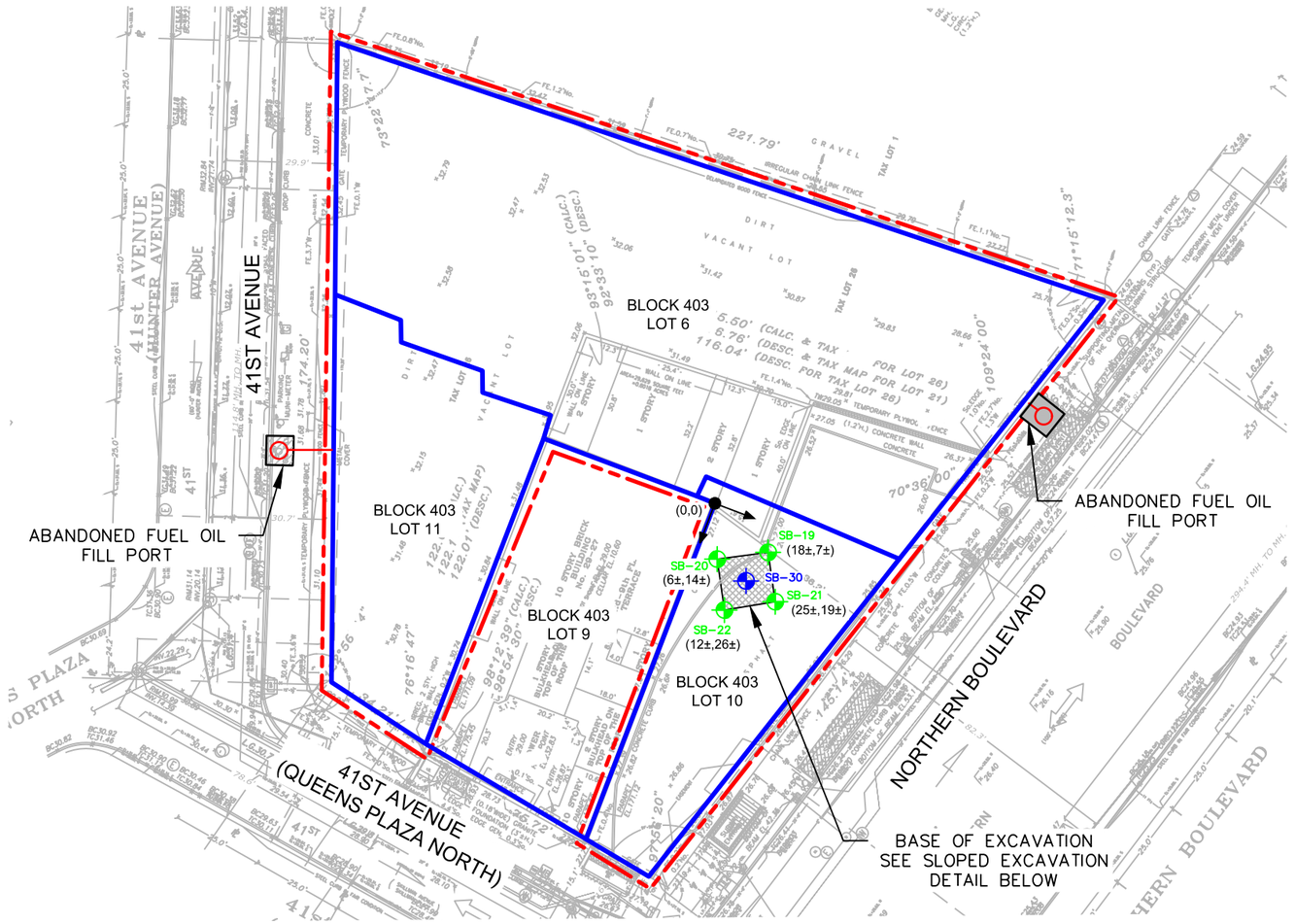
BLOCK No. 403, LOT Nos. 6, 10, 11
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title

SITE LOCATION MAP

Project No. 170316401	Figure No. 1
Date 07/05/2017	
Scale NTS	
Drawn By MLR / Checked By SK	
Submission Date	Sheet 1 of 3

Filename: \\langan.com\data\NYC\data4\170316402\Cadd Data - 170316402\SheetFiles\CCR\Figure 1 - Site Location Map.dwg Date: 7/10/2017 Time: 09:21 User: kdelcol Style Table: Langan.stb Layout: 1-SITE



PLAN VIEW

SCALE: 1" = 40'

40 0 10 25 40

SCALE IN FEET

LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE TAX LOT BOUNDARIES
- SB-13 — SOIL BORING - JANUARY 2015 SUPPLEMENTAL INVESTIGATION (ANALYTICAL RESULTS WERE ABOVE RCRA HAZARDOUS WASTE CRITERIA)
- SB-15 — SOIL BORING - JANUARY 2015 SUPPLEMENTAL INVESTIGATION (ANALYTICAL RESULTS WERE BELOW RCRA HAZARDOUS WASTE CRITERIA)
- FILL PORT ATTACHED TO VERTICAL 22-FOOT DEEP, 1-INCH DIAMETER PVC PIPE
- FILL PORT FELL INTO 12-FOOT DEEP VOID BENEATH SIDEWALK
- APPROXIMATE AREA OF EXCAVATION

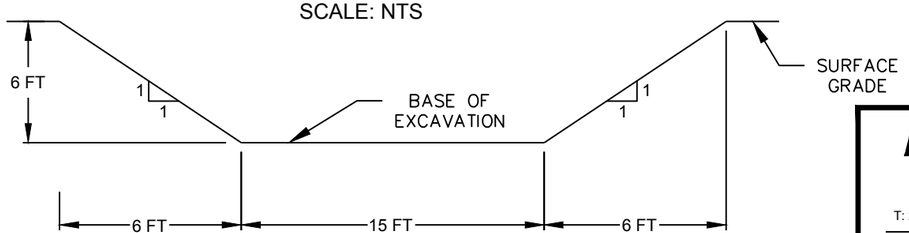
GENERAL NOTES:

1. THE BASE MAP IS REFERENCED FROM THE ARCHITECTURAL SURVEY PREPARED BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C. DATED MARCH 4, 2014 AND AMENDED OCTOBER 9, 2014.
2. HAZARDOUS LEAD-IMPACTED SOIL WAS EXCAVATED TO ABOUT 6 FEET BELOW GRADE SURFACE (BGS) AT LOT 10. SIDEWALLS WERE SLOPED AS SHOWN ON THE SLOPED EXCAVATION DETAIL.
3. RCRA = RESOURCE CONSERVATION AND RECOVERY ACT
4. PVC = POLYVINYL CHLORIDE

SLOPED EXCAVATION DETAIL

SECTION VIEW

SCALE: NTS



NOTES:

1. EXCAVATION WAS SLOPED TO PROVIDE SIDEWALL STABILITY.

LANGAN

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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC

Collectively known as Langan

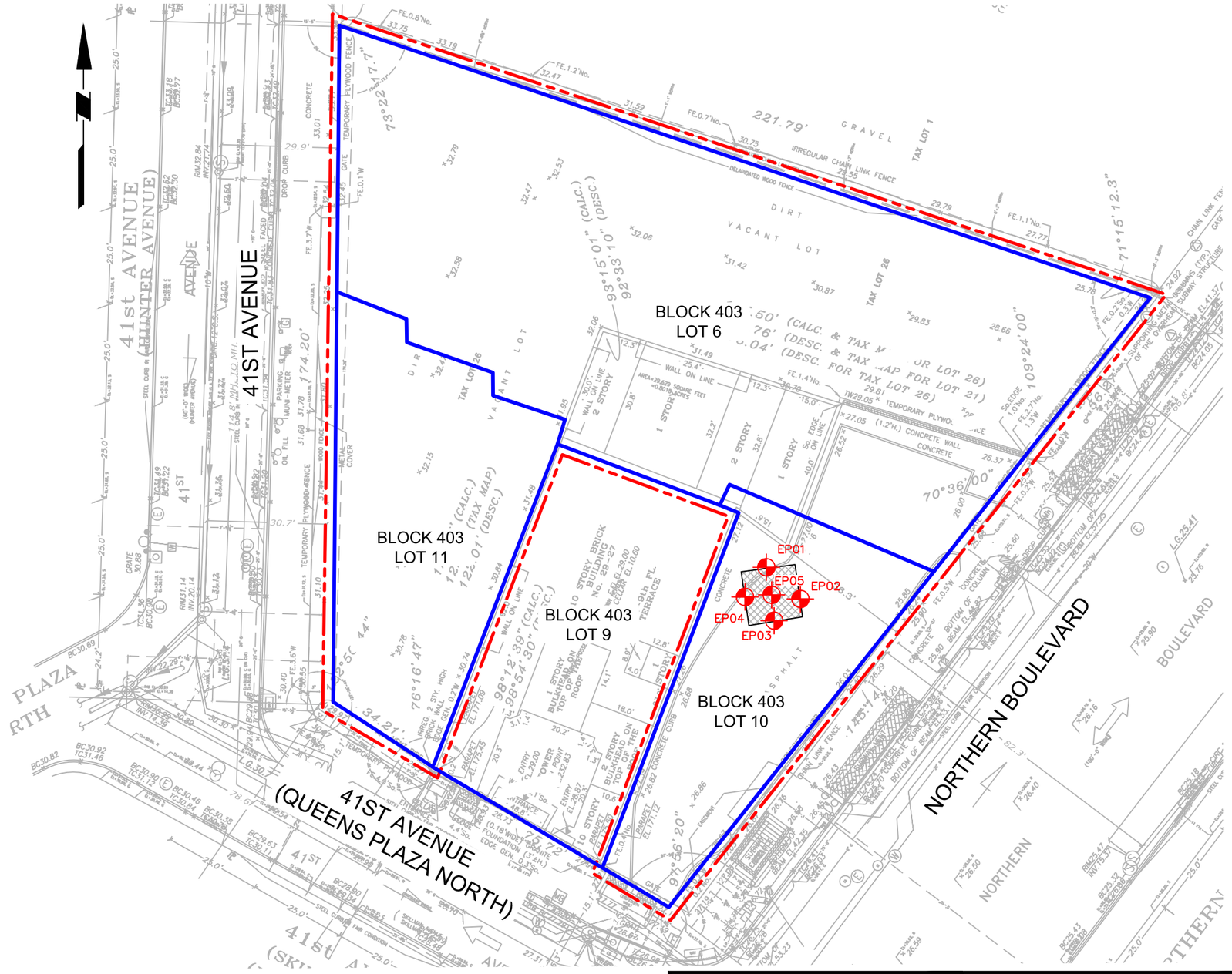
Project: QUEENS PLAZA NORTH

BLOCK No. 403, LOT Nos. 6, 10, 11
LONG ISLAND CITY
QUEENS NEW YORK

Figure Title: INTERIM REMEDIAL MEASURES PLAN

Project No. 170316402	Figure No. 2
Date 07/05/2017	
Scale AS SHOWN	
Drawn By KDC / Checked By SK	
Submission Date	Sheet 2 of 3

Filename: \\langan.com\data\NY\data4\170316402\Cadd Data - 170316402\SheetFiles\CCR\Figure 2 - Areas of Excavation.dwg Date: 7/26/2017 Time: 16:15 User: aharrold Style Table: Langan.stb Layout: Figure 3



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE TAX LOT BOUNDARIES
- EP1 — APPROXIMATE LOCATION OF CONFIRMATION SAMPLE
- APPROXIMATE AREA OF EXCAVATION

GENERAL NOTES:

1. THE BASE MAP IS REFERENCED FROM THE ARCHITECTURAL SURVEY PREPARED BY LEONARD J. STRANDBERG AND ASSOCIATES, CONSULTING ENGINEERS AND LAND SURVEYORS, P.C. DATED MARCH 4, 2014 AND AMENDED OCTOBER 9, 2014.
2. HAZARDOUS LEAD-IMPACTED SOIL WAS EXCAVATED TO ABOUT 6 FEET BELOW GRADE SURFACE (BGS) AT LOT 10.
3. EP01 WAS COLLECTED FROM ABOUT 3 FEET BGS ALONG THE NORTHERN EXCAVATION SIDEWALL.
4. EP02 WAS COLLECTED FROM ABOUT 4.5 FEET BGS ALONG THE EASTERN EXCAVATION SIDEWALL.
5. EP03 WAS COLLECTED FROM ABOUT 5 FEET BGS ALONG THE SOUTHERN EXCAVATION SIDEWALL.
6. EP04 WAS COLLECTED FROM ABOUT 4 FEET BGS ALONG THE WESTERN EXCAVATION SIDEWALL.
7. EP05 WAS COLLECTED FROM THE BASE OF EXCAVATION AT ABOUT 6 FEET BGS.
8. CONFIRMATION SAMPLE RESULTS WERE BELOW THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) CHARACTERISTIC LEAD LEVEL.

LANGAN
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project
QUEENS PLAZA NORTH
BLOCK No. 403, LOT Nos. 6, 10, 11
LONG ISLAND CITY
QUEENS **NEW YORK**

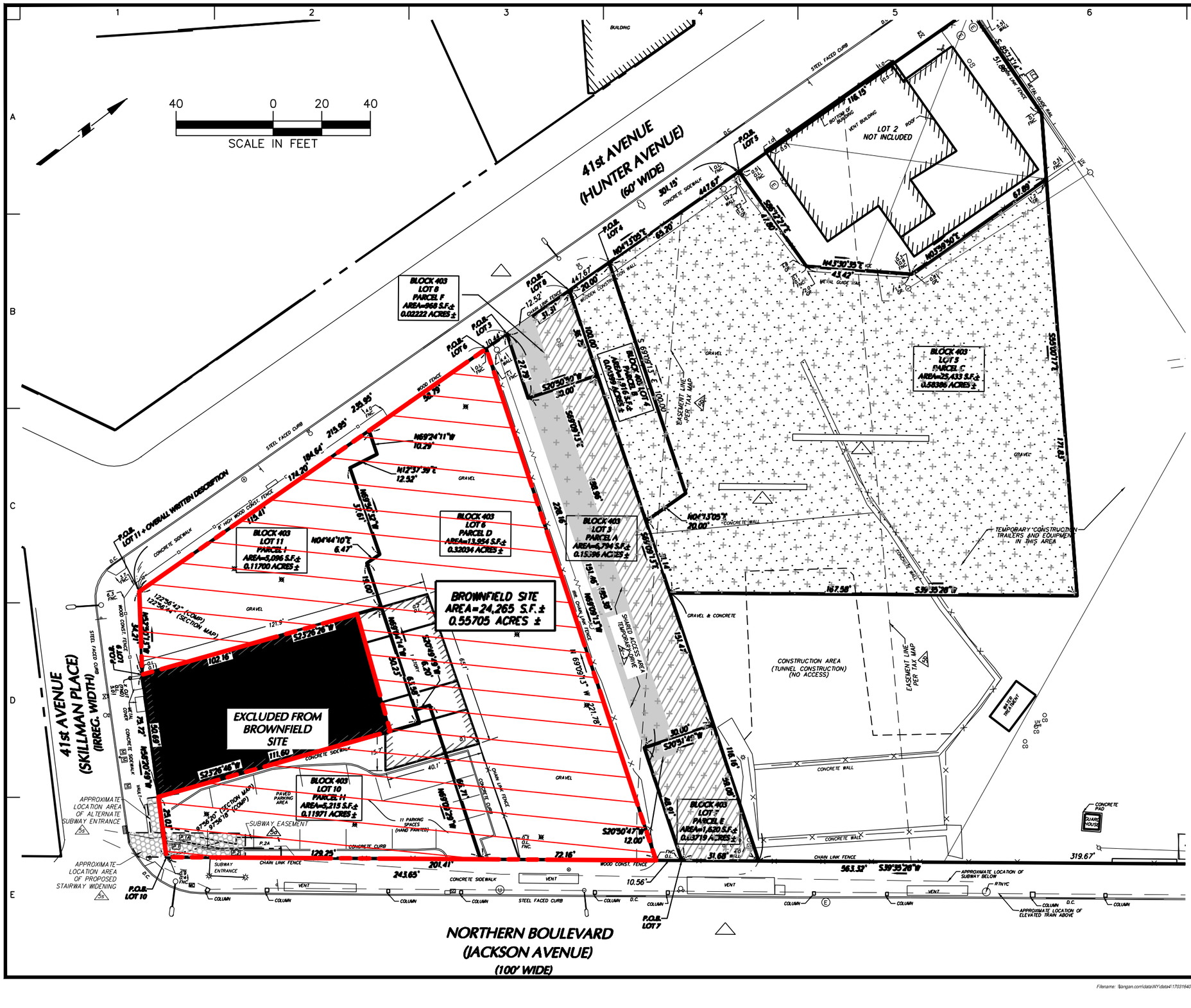
Figure Title
CONFIRMATION SOIL SAMPLE LOCATION PLAN

Project No. 170316402	Figure No. 3
Date 07/05/2017	
Scale AS SHOWN	
Drawn By KDC / Checked By MLR	
Submission Date	Sheet 3 of 3

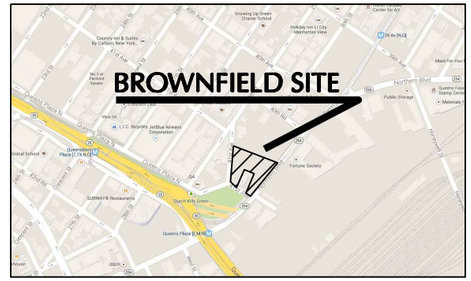
Filename: \\langan.com\data\NY\data4\170316402\Cadd Data - 170316402\SheetFiles\CCR\Figure 3 - End Point Sample Location Map.dwg Date: 7/26/2017 Time: 16:14 User: aharrold Style Table: Langan.stb Layout: Figure 3

APPENDIX A

Site Survey



PROJECT LOCATION MAP:



SOURCE: GOOGLE MAPS

LEGEND:

EXCLUDED FROM BROWNFIELD SITE

BROWNFIELD SITE AREA

LANGAN

21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan International LLC

Collectively known as Langan

Project

29-37 41ST AVENUE

BLOCK No. 403, LOT Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11 (FKA P/O LOT Nos. 1, 21, 26)

BOROUGH OF QUEENS
CITY OF NEW YORK

QUEENS COUNTY **NEW YORK**

Figure Title

SECTION V BROWNFIELD SITE BOUNDARY

Project No. 170316402	Figure No. **EX-1**
Date 2/6/2017	
Scale 1" = 40'	
Drawn By PTF	
Submission Date	Sheet 001 of 001

Filename: \\langan.com\data\NY\data4\170316401\Cadd Data - 170316401\SheetFiles\BCP Survey Edit\170316401-FIN4L-EXCLUSION-EDIT.dwg Date: 2/23/2017 Time: 17:41 User: pfarnham Style Table: Langan.stb Layout: ANSIB-BL

APPENDIX B

Regulatory Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9768 I F: (518) 402-9773
www.dec.ny.gov

VIA Email

January 26, 2016

Stuart R. Knoop, P.G.
Senior Project Manager
Langan Engineering
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001-2727

Re: Queens Plaza North BCP Site No. C241171, Revised Soil Excavation Work Plan (SEWP) dated December 11, 2015

Dear Mr. Knoop,

The New York State Department of Environmental Conservation (NYSDEC) and NYS Department of Health have reviewed the revised Soil Excavation Work Plan (SEWP) for the Queens Plaza North BCP site, which was received on December 14, 2015. The revised SEWP was publicly noticed on December 17, 2015 and a comment period extended to January 21, 2016. No comments were received during the public comment period. The Revised SEWP is approved. Please ensure that a copy of the approved Final SEWP is placed in the document repositories. The draft plan should be removed. Also, please send one hardcopy of the approved SEWP to the NYSDEC/DER, my attention.

If you have any questions, please contact me at md.hoque@dec.ny.gov or 518 402 9475.

Sincerely,

MD Hoque
Project Manager
Division of Environmental Remediation

ec: M. Komoroske, NYSDEC
J. Deming/C. Doroski, NYSDOH
M. Burke, Langan Engineering

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9768 I F: (518) 402-9773
www.dec.ny.gov

BCP Opportunity to Cure Violation

November 21, 2016

Certified Mail

Returned Receipt Requested

Ned White
Queens Plaza Park Development LLC
5 East 17th Street, 2nd Floor
New York, NY 10003

David Yudelson, Esq.
Sive, Paget & Riesel, P.C
460 Park Avenue
New York, NY 10022

Michael Burke
Langan Engineering, Environmental, Surveying and Landscape
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001

Re: **Brownfield Cleanup Program (BCP)**
Site Name: Queens Plaza North
Site No. C241171
Site Address: 29-37 41st Avenue and 29-27 Queens Plaza North, Long Island City, NY 11101

Dear Sirs:

As you know, Queens Plaza Park Development LLC and the New York State Department of Environmental Conservation (the Department) executed a Brownfield Cleanup Agreement (Index # C241171-05-15) (the Agreement) relative to the Queens Plaza North site (the Site) on July 23, 2015. After an accelerated review, a Soil Excavation Work Plan (SEWP) was approved by the Department on January 26, 2016. This work plan included a schedule calling for the implementation and completion of the work within approximately six months of the work plan approval. This work was not completed in the approved timeframe. The schedule attached to the August 2016 monthly progress report indicated that the SEWP implementation would begin in November 2016 and a draft Remedial Action Work Plan (RAWP) was to be submitted

and approved by March 01, 2017 (the Remedial Investigation Report was approved on August 17, 2016). The August 2016 monthly progress report also referred to an amendment to be submitted to exclude Lot 9 and a portion of the future sidewalk along Northern Boulevard from the BCP and submission of revised design documents to the New York City Transit Authority (NYCTA) for approval of support of excavation (SOE) and utility components. The September 2016 monthly progress report contained the same schedule, referred to the same issues, and indicated that the permit from NYCTA had not yet been obtained. On November 15, 2016 we [(1)] held a phone conference with Langan Engineering and were told that project implementation would be further delayed due to project ownership conflicts. The most recently submitted October 2016 schedule now indicates that the SEWP implementation is estimated to begin in March, 2017, four months after the revised SEWP implementation date.

The Department considers the progress of the remedial program for the site, or the lack thereof, to be unsatisfactory, non-conforming to the approved schedule, and in violation of the requirements of the Agreement. This letter serves to put you on notice of the Department's objection to the pace and progress of the remedial program at the Site and to provide an opportunity for you to remain in the Brownfield Cleanup Program, provided that you submit a revised schedule, within 30 days of the date of receipt of this letter, which is acceptable to the Department. Specifically, the revised schedule must include the following:

1. Implementation of the approved SEWP by March 01, 2017.
2. Submittal of a draft RAWP by January 15, 2017.

If the Applicant does not respond within the time frame indicated above the Department will terminate the Agreement, in accordance with paragraph XII of the Agreement. Please be advised that certain obligations of the Applicant survive the termination of the Agreement. 6 NYCRR Part 375-3.5(d) expressly states that the termination of the Agreement will not affect the provisions contained in paragraphs V, VII.B and VIII of the Agreement. Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held pursuant to any applicable state and/or federal law or the Agreement or a release for any party from any obligations held under those same laws and the Agreement.

If you have any questions, please call me at (518) 402-9767.

Sincerely,

Michael J. Komoroske

Michael Komoroske
Section Chief, Section A
Remedial Bureau B
Division of Environmental Remediation

(1) The call included Michael Burke and Stuart Knoop from Langan Engineers and Michael Komoroske and MD Hoque from the NYSDEC.

cc: M. Warner, OGC

ec: R. Schick, NYSDEC
M. Ryan. NYSDEC
R. Cozzy, NYSDEC
J. O'Connell, NYSDEC Region 2
MD Hoque, NYSDEC
W. Kuehner, NYSDOH

(1) The call included Michael Burke and Stuart Knoop from Langan Engineers and Michael Komoroske and MD Hoque from the NYSDEC.

To: Mr. Michael Komoroske, Section Chief, Section A, New York State Department of Environmental Conservation, Remedial Bureau B, Division of Environmental Remediation

From: Dan Kaplan, Property Markets Group

Date: December 5, 2016

Re: Response to BCP Opportunity to Cure Violation, Queens Plaza North, Site No. C241171, 29-37 41st Avenue and 29-27 Queens Plaza North, Long Island City, NY

Dear Mr. Komoroske:

This letter has been drafted in response to the BCP Opportunity to Cure Violation letter, dated November 21, 2016, in which you documented unsatisfactory progress at the referenced BCP site. Your letter served to put us on notice of your objection and presented an opportunity to remain in the Brownfield Cleanup Program, provided that we submit a revised schedule that is acceptable to the Department by December 21, 2016. As per your requirements, the revised schedule must include the following:

1. Implementation of the approved Soil Excavation Work Plan (SEWP)
2. Submission of a draft Remedial Action Work Plan (RAWP)

Attached herein, please find our revised schedule, which includes submission of a draft RAWP by April 15, 2017 and implementation of the RAWP beginning no later than September 1, 2017. In addition, the revised schedule accounts for the removal of a lead soil hot spot, confined to an area of about 100 square feet and about 6 feet below grade surface in the northern portion of Block 403, Lot 10 and underground storage tank decommissioning and removal.

Implementation of the proposed milestones will allow for timely completion of the remediation. In following the proposed schedule, we anticipate obtaining a Certificate of Completion in 2019. We trust that you will find our proposal acceptable. Please countersign in the space provided below to indicate that you agree that with these terms, are satisfied with the attached schedule, and that the request to submit a revised schedule by December 21 has been met. Please send the countersigned letter back to my attention. Thank you for your consideration.

Sincerely,

Daniel Kaplan

Authorized Signatory

Property Markets Group

Attachments: Revised BCP Schedule

Michael Komoroske 12/5/2016

Michael Komoroske

Section Chief, Section A

New York State Department of Environmental Conservation

Item #	Action	2016					2017											2018												2019											
		AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	Queens Plaza North																																								
1	Hot Spot Removal and UST Decommissioning																																								
2	RAWP Preparation and DEC Review, Public Comment, Decision Document																																								
3	Excavation Contractor procurement																																								
4	RAWP Implementation																																								
5	Final Engineering Report Preparation																																								
6	NYSDEC Review and Approval of FER																																								
7	Certificate of Completion																																								

Notes:

RAWP - Remedial Action Work Plan

APPENDIX C

Community Air Monitoring Program Data

Tuesday, February 28, 2017

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 = 0

Number of Comparable Data Points = 321

PARTICULATE DATA

UPWIND				**DOWNWIND**				
Upwind DustTrak Data Summary				**Downwind DustTrak Data Summary**				
Average		0.046	mg/m^3	Average		0.031	mg/m^3	
Max 15-Minute Average		0.247	mg/m^3	Max 15-Minute Average		0.058	mg/m^3	
Minimum		0.004	mg/m^3	Minimum		0.010	mg/m^3	
Maximum		1.640	mg/m^3	Maximum		0.095	mg/m^3	
	Time	**Concentration (mg/m^3)**	**15-Minute Average**		**Time**	**Concentration (mg/m^3)**	**15-Minute Average**	**Exceeds Particulate Alarm Limits**
1	8:46			1	8:46	0.043		
2	8:47			2	8:47	0.039		
3	8:48	0.039		3	8:48	0.039		
4	8:49	1.640		4	8:49	0.038		
5	8:50	0.467		5	8:50	0.037		
6	8:51	0.512		6	8:51	0.037		
7	8:52	0.164		7	8:52	0.039		
8	8:53	0.040		8	8:53	0.093		
9	8:54	0.026		9	8:54	0.067		
10	8:55	0.584		10	8:55	0.088		
11	8:56	0.184		11	8:56	0.071		
12	8:57	0.012		12	8:57	0.080		
13	8:58	0.007		13	8:58	0.095		
14	8:59	0.020		14	8:59	0.060		
15	9:00	0.004		15	9:00	0.045	0.058	
16	9:01	0.004		16	9:01	0.041	0.058	
17	9:02	0.004	0.247	17	9:02	0.034	0.058	-
18	9:03	0.004	0.245	18	9:03	0.034	0.057	-
19	9:04	0.004	0.136	19	9:04	0.035	0.057	-
20	9:05	0.004	0.105	20	9:05	0.049	0.058	-
21	9:06	0.004	0.071	21	9:06	0.039	0.058	-
22	9:07	0.004	0.060	22	9:07	0.034	0.058	-
23	9:08	0.004	0.058	23	9:08	0.033	0.054	-
24	9:09	0.004	0.056	24	9:09	0.032	0.051	-
25	9:10	0.004	0.018	25	9:10	0.039	0.048	-
26	9:11	0.004	0.006	26	9:11	0.057	0.047	-
27	9:12	0.004	0.005	27	9:12	0.035	0.044	-
28	9:13	0.004	0.005	28	9:13	0.038	0.040	-
29	9:14	0.004	0.004	29	9:14	0.040	0.039	-
30	9:15	0.004	0.004	30	9:15	0.035	0.038	-
31	9:16	0.004	0.004	31	9:16	0.035	0.038	-
32	9:17	0.004	0.004	32	9:17	0.034	0.038	-
33	9:18	0.004	0.004	33	9:18	0.035	0.038	-
34	9:19	0.004	0.004	34	9:19	0.034	0.038	-
35	9:20	0.004	0.004	35	9:20	0.034	0.037	-
36	9:21	0.004	0.004	36	9:21	0.033	0.037	-
37	9:22	0.004	0.004	37	9:22	0.033	0.036	-
38	9:23	0.004	0.004	38	9:23	0.034	0.037	-
39	9:24	0.004	0.004	39	9:24	0.033	0.037	-
40	9:25	0.004	0.004	40	9:25	0.036	0.036	-
41	9:26	0.004	0.004	41	9:26	0.040	0.035	-
42	9:27	0.004	0.004	42	9:27	0.035	0.035	-
43	9:28	0.004	0.004	43	9:28	0.033	0.035	-
44	9:29	0.004	0.004	44	9:29	0.033	0.034	-
45	9:30	0.004	0.004	45	9:30	0.032	0.034	-
46	9:31	0.004	0.004	46	9:31	0.030	0.034	-
47	9:32	0.004	0.004	47	9:32	0.029	0.034	-
48	9:33	0.004	0.004	48	9:33	0.031	0.033	-
49	9:34	0.004	0.004	49	9:34	0.032	0.033	-
50	9:35	0.004	0.004	50	9:35	0.032	0.033	-
51	9:36	0.004	0.004	51	9:36	0.030	0.033	-
52	9:37	0.004	0.004	52	9:37	0.031	0.033	-
53	9:38	0.004	0.004	53	9:38	0.029	0.032	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
54	9:39	0.004	0.004	54	9:39	0.029	0.032	-
55	9:40	0.004	0.004	55	9:40	0.028	0.032	-
56	9:41	0.004	0.004	56	9:41	0.031	0.031	-
57	9:42	0.004	0.004	57	9:42	0.032	0.031	-
58	9:43	0.004	0.004	58	9:43	0.033	0.031	-
59	9:44	0.004	0.004	59	9:44	0.032	0.031	-
60	9:45	0.004	0.004	60	9:45	0.032	0.031	-
61	9:46	0.004	0.004	61	9:46	0.031	0.031	-
62	9:47	0.004	0.004	62	9:47	0.030	0.031	-
63	9:48	0.004	0.004	63	9:48	0.031	0.031	-
64	9:49	0.004	0.004	64	9:49	0.033	0.031	-
65	9:50	0.004	0.004	65	9:50	0.032	0.031	-
66	9:51	0.004	0.004	66	9:51	0.038	0.031	-
67	9:52	0.004	0.004	67	9:52	0.033	0.032	-
68	9:53	0.004	0.004	68	9:53	0.038	0.032	-
69	9:54	0.040	0.006	69	9:54	0.035	0.033	-
70	9:55	0.039	0.009	70	9:55	0.045	0.034	-
71	9:56	0.040	0.011	71	9:56	0.051	0.035	-
72	9:57	0.039	0.013	72	9:57	0.035	0.035	-
73	9:58	0.038	0.016	73	9:58	0.031	0.035	-
74	9:59	0.038	0.018	74	9:59	0.033	0.035	-
75	10:00	0.038	0.020	75	10:00	0.027	0.035	-
76	10:01	0.039	0.023	76	10:01	0.033	0.035	-
77	10:02	0.039	0.025	77	10:02	0.036	0.035	-
78	10:03	0.040	0.027	78	10:03	0.033	0.036	-
79	10:04	0.036	0.029	79	10:04	0.032	0.035	-
80	10:05	0.037	0.032	80	10:05	0.027	0.035	-
81	10:06	0.038	0.034	81	10:06	0.029	0.035	-
82	10:07	0.038	0.036	82	10:07	0.030	0.034	-
83	10:08	0.038	0.038	83	10:08	0.035	0.034	-
84	10:09	0.038	0.038	84	10:09	0.030	0.034	-
85	10:10	0.038	0.038	85	10:10	0.038	0.033	-
86	10:11	0.037	0.038	86	10:11	0.041	0.033	-
87	10:12	0.037	0.038	87	10:12	0.027	0.032	-
88	10:13	0.038	0.038	88	10:13	0.029	0.032	-
89	10:14	0.037	0.038	89	10:14	0.028	0.032	-
90	10:15	0.037	0.038	90	10:15	0.028	0.032	-
91	10:16	0.037	0.038	91	10:16	0.028	0.031	-
92	10:17	0.037	0.038	92	10:17	0.029	0.031	-
93	10:18	0.038	0.037	93	10:18	0.029	0.031	-
94	10:19	0.037	0.037	94	10:19	0.028	0.030	-
95	10:20	0.036	0.037	95	10:20	0.026	0.030	-
96	10:21	0.034	0.037	96	10:21	0.025	0.030	-
97	10:22	0.034	0.037	97	10:22	0.024	0.030	-
98	10:23	0.033	0.037	98	10:23	0.023	0.029	-
99	10:24	0.073	0.039	99	10:24	0.023	0.028	-
100	10:25	0.040	0.039	100	10:25	0.023	0.027	-
101	10:26	0.036	0.039	101	10:26	0.027	0.026	-
102	10:27	0.036	0.039	102	10:27	0.026	0.026	-
103	10:28	0.035	0.039	103	10:28	0.025	0.026	-
104	10:29	0.036	0.039	104	10:29	0.025	0.026	-
105	10:30	0.035	0.038	105	10:30	0.029	0.026	-
106	10:31	0.034	0.038	106	10:31	0.024	0.026	-
107	10:32	0.035	0.038	107	10:32	0.025	0.025	-
108	10:33	0.035	0.038	108	10:33	0.024	0.025	-
109	10:34	0.035	0.038	109	10:34	0.024	0.025	-
110	10:35	0.035	0.038	110	10:35	0.025	0.025	-
111	10:36	0.036	0.038	111	10:36	0.026	0.025	-
112	10:37	0.036	0.038	112	10:37	0.027	0.025	-
113	10:38	0.035	0.038	113	10:38	0.027	0.025	-
114	10:39	0.036	0.036	114	10:39	0.026	0.026	-
115	10:40	0.035	0.035	115	10:40	0.025	0.026	-
116	10:41	0.034	0.035	116	10:41	0.025	0.026	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
117	10:42	0.035	0.035	117	10:42	0.024	0.025	-
118	10:43	0.035	0.035	118	10:43	0.025	0.025	-
119	10:44	0.035	0.035	119	10:44	0.027	0.026	-
120	10:45	0.035	0.035	120	10:45	0.038	0.026	-
121	10:46	0.035	0.035	121	10:46	0.034	0.027	-
122	10:47	0.036	0.035	122	10:47	0.057	0.029	-
123	10:48	0.036	0.035	123	10:48	0.059	0.031	-
124	10:49	0.037	0.035	124	10:49	0.027	0.031	-
125	10:50	0.051	0.036	125	10:50	0.031	0.032	-
126	10:51	0.039	0.037	126	10:51	0.033	0.032	-
127	10:52	0.039	0.037	127	10:52	0.029	0.032	-
128	10:53	0.039	0.037	128	10:53	0.028	0.033	-
129	10:54	0.039	0.037	129	10:54	0.028	0.033	-
130	10:55	0.038	0.038	130	10:55	0.050	0.034	-
131	10:56	0.038	0.038	131	10:56	0.039	0.035	-
132	10:57	0.038	0.038	132	10:57	0.027	0.035	-
133	10:58	0.039	0.038	133	10:58	0.030	0.036	-
134	10:59	0.037	0.038	134	10:59	0.029	0.036	-
135	11:00	0.037	0.039	135	11:00	0.034	0.036	-
136	11:01	0.037	0.039	136	11:01	0.030	0.035	-
137	11:02	0.038	0.039	137	11:02	0.028	0.033	-
138	11:03	0.038	0.039	138	11:03	0.029	0.031	-
139	11:04	0.037	0.039	139	11:04	0.030	0.032	-
140	11:05	0.038	0.038	140	11:05	0.029	0.032	-
141	11:06	0.039	0.038	141	11:06	0.030	0.031	-
142	11:07	0.038	0.038	142	11:07	0.031	0.031	-
143	11:08	0.038	0.038	143	11:08	0.031	0.032	-
144	11:09	0.039	0.038	144	11:09	0.030	0.032	-
145	11:10	0.038	0.038	145	11:10	0.033	0.031	-
146	11:11	0.037	0.038	146	11:11	0.029	0.030	-
147	11:12	0.037	0.038	147	11:12	0.028	0.030	-
148	11:13	0.037	0.038	148	11:13	0.029	0.030	-
149	11:14	0.037	0.038	149	11:14	0.045	0.031	-
150	11:15	0.038	0.038	150	11:15	0.041	0.032	-
151	11:16	0.037	0.038	151	11:16	0.030	0.032	-
152	11:17	0.037	0.038	152	11:17	0.029	0.032	-
153	11:18	0.037	0.038	153	11:18	0.029	0.032	-
154	11:19	0.037	0.038	154	11:19	0.035	0.032	-
155	11:20	0.037	0.038	155	11:20	0.045	0.033	-
156	11:21	0.037	0.037	156	11:21	0.031	0.033	-
157	11:22	0.038	0.037	157	11:22	0.030	0.033	-
158	11:23	0.040	0.038	158	11:23	0.029	0.033	-
159	11:24	0.037	0.037	159	11:24	0.029	0.033	-
160	11:25	0.039	0.037	160	11:25	0.030	0.033	-
161	11:26	0.042	0.038	161	11:26	0.051	0.034	-
162	11:27	0.041	0.038	162	11:27	0.037	0.035	-
163	11:28	0.042	0.038	163	11:28	0.034	0.035	-
164	11:29	0.041	0.039	164	11:29	0.034	0.034	-
165	11:30	0.041	0.039	165	11:30	0.032	0.034	-
166	11:31	0.042	0.039	166	11:31	0.034	0.034	-
167	11:32	0.043	0.040	167	11:32	0.036	0.034	-
168	11:33	0.042	0.040	168	11:33	0.036	0.035	-
169	11:34	0.041	0.040	169	11:34	0.034	0.035	-
170	11:35	0.043	0.041	170	11:35	0.033	0.034	-
171	11:36	0.041	0.041	171	11:36	0.034	0.034	-
172	11:37	0.041	0.041	172	11:37	0.033	0.034	-
173	11:38	0.041	0.041	173	11:38	0.033	0.035	-
174	11:39	0.041	0.041	174	11:39	0.033	0.035	-
175	11:40	0.041	0.042	175	11:40	0.033	0.035	-
176	11:41	0.041	0.041	176	11:41	0.033	0.034	-
177	11:42	0.041	0.041	177	11:42	0.034	0.034	-
178	11:43	0.041	0.041	178	11:43	0.033	0.034	-
179	11:44	0.040	0.041	179	11:44	0.033	0.034	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
180	11:45	0.040	0.041	180	11:45	0.032	0.034	-
181	11:46	0.040	0.041	181	11:46	0.032	0.033	-
182	11:47	0.039	0.041	182	11:47	0.031	0.033	-
183	11:48	0.040	0.041	183	11:48	0.032	0.033	-
184	11:49	0.040	0.041	184	11:49	0.044	0.034	-
185	11:50	0.040	0.040	185	11:50	0.041	0.034	-
186	11:51	0.041	0.040	186	11:51	0.033	0.034	-
187	11:52	0.042	0.041	187	11:52	0.033	0.034	-
188	11:53	0.041	0.041	188	11:53	0.034	0.034	-
189	11:54	0.042	0.041	189	11:54	0.033	0.034	-
190	11:55	0.042	0.041	190	11:55	0.033	0.034	-
191	11:56	0.042	0.041	191	11:56	0.033	0.034	-
192	11:57	0.043	0.041	192	11:57	0.034	0.034	-
193	11:58	0.041	0.041	193	11:58	0.034	0.034	-
194	11:59	0.039	0.041	194	11:59	0.030	0.034	-
195	12:00	0.039	0.041	195	12:00	0.029	0.034	-
196	12:01	0.039	0.041	196	12:01	0.034	0.034	-
197	12:02	0.040	0.041	197	12:02	0.034	0.034	-
198	12:03	0.039	0.041	198	12:03	0.030	0.034	-
199	12:04	0.039	0.041	199	12:04	0.028	0.033	-
200	12:05	0.039	0.041	200	12:05	0.029	0.032	-
201	12:06	0.040	0.040	201	12:06	0.029	0.032	-
202	12:07	0.040	0.040	202	12:07	0.030	0.032	-
203	12:08	0.040	0.040	203	12:08	0.030	0.031	-
204	12:09	0.043	0.040	204	12:09	0.030	0.031	-
205	12:10	0.046	0.041	205	12:10	0.031	0.031	-
206	12:11	0.040	0.040	206	12:11	0.030	0.031	-
207	12:12	0.039	0.040	207	12:12	0.028	0.030	-
208	12:13	0.039	0.040	208	12:13	0.028	0.030	-
209	12:14	0.039	0.040	209	12:14	0.028	0.030	-
210	12:15	0.039	0.040	210	12:15	0.028	0.030	-
211	12:16	0.039	0.040	211	12:16	0.028	0.029	-
212	12:17	0.038	0.040	212	12:17	0.028	0.029	-
213	12:18	0.038	0.040	213	12:18	0.027	0.029	-
214	12:19	0.037	0.040	214	12:19	0.026	0.029	-
215	12:20	0.039	0.040	215	12:20	0.026	0.028	-
216	12:21	0.039	0.040	216	12:21	0.026	0.028	-
217	12:22	0.038	0.040	217	12:22	0.027	0.028	-
218	12:23	0.041	0.040	218	12:23	0.027	0.028	-
219	12:24	0.038	0.039	219	12:24	0.026	0.028	-
220	12:25	0.038	0.039	220	12:25	0.028	0.027	-
221	12:26	0.038	0.039	221	12:26	0.028	0.027	-
222	12:27	0.039	0.039	222	12:27	0.027	0.027	-
223	12:28	0.040	0.039	223	12:28	0.028	0.027	-
224	12:29	0.045	0.039	224	12:29	0.030	0.027	-
225	12:30	0.052	0.040	225	12:30	0.031	0.028	-
226	12:31	0.041	0.040	226	12:31	0.029	0.028	-
227	12:32	0.054	0.041	227	12:32	0.052	0.029	-
228	12:33	0.049	0.042	228	12:33	0.037	0.030	-
229	12:34	0.045	0.042	229	12:34	0.031	0.030	-
230	12:35	0.094	0.046	230	12:35	0.028	0.030	-
231	12:36	0.248	0.060	231	12:36	0.039	0.031	-
232	12:37	0.128	0.066	232	12:37	0.027	0.031	-
233	12:38	0.064	0.068	233	12:38	0.027	0.031	-
234	12:39	0.044	0.068	234	12:39	0.028	0.031	-
235	12:40	0.046	0.068	235	12:40	0.030	0.031	-
236	12:41	0.044	0.069	236	12:41	0.031	0.032	-
237	12:42	0.042	0.069	237	12:42	0.032	0.032	-
238	12:43	0.039	0.069	238	12:43	0.026	0.032	-
239	12:44	0.039	0.069	239	12:44	0.027	0.032	-
240	12:45	0.050	0.068	240	12:45	0.028	0.031	-
241	12:46	0.047	0.069	241	12:46	0.027	0.031	-
242	12:47	0.040	0.068	242	12:47	0.027	0.030	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
243	12:48	0.041	0.067	243	12:48	0.027	0.029	-
244	12:49	0.042	0.067	244	12:49	0.029	0.029	-
245	12:50	0.056	0.065	245	12:50	0.027	0.029	-
246	12:51	0.043	0.051	246	12:51	0.028	0.028	-
247	12:52	0.047	0.046	247	12:52	0.031	0.028	-
248	12:53	0.041	0.044	248	12:53	0.028	0.028	-
249	12:54	0.067	0.046	249	12:54	0.031	0.029	-
250	12:55	0.066	0.047	250	12:55	0.030	0.029	-
251	12:56	0.067	0.048	251	12:56	0.028	0.028	-
252	12:57	0.044	0.049	252	12:57	0.028	0.028	-
253	12:58	0.044	0.049	253	12:58	0.028	0.028	-
254	12:59	0.046	0.049	254	12:59	0.029	0.028	-
255	13:00	0.049	0.049	255	13:00	0.032	0.029	-
256	13:01	0.047	0.049	256	13:01	0.038	0.029	-
257	13:02	0.050	0.050	257	13:02	0.041	0.030	-
258	13:03	0.043	0.050	258	13:03	0.030	0.031	-
259	13:04	0.051	0.051	259	13:04	0.028	0.030	-
260	13:05	0.045	0.050	260	13:05	0.027	0.030	-
261	13:06	0.042	0.050	261	13:06	0.028	0.030	-
262	13:07	0.044	0.050	262	13:07	0.028	0.030	-
263	13:08	0.045	0.050	263	13:08	0.028	0.030	-
264	13:09	0.044	0.048	264	13:09	0.028	0.030	-
265	13:10	0.044	0.047	265	13:10	0.028	0.030	-
266	13:11	0.044	0.045	266	13:11	0.029	0.030	-
267	13:12	0.044	0.045	267	13:12	0.028	0.030	-
268	13:13	0.051	0.046	268	13:13	0.028	0.030	-
269	13:14	0.046	0.046	269	13:14	0.028	0.030	-
270	13:15	0.042	0.045	270	13:15	0.028	0.030	-
271	13:16	0.042	0.045	271	13:16	0.028	0.029	-
272	13:17	0.044	0.045	272	13:17	0.030	0.028	-
273	13:18	0.045	0.045	273	13:18	0.030	0.028	-
274	13:19	0.047	0.045	274	13:19	0.031	0.028	-
275	13:20	0.048	0.045	275	13:20	0.035	0.029	-
276	13:21	0.044	0.045	276	13:21	0.028	0.029	-
277	13:22	0.044	0.045	277	13:22	0.030	0.029	-
278	13:23	0.040	0.045	278	13:23	0.032	0.029	-
279	13:24	0.039	0.044	279	13:24	0.024	0.029	-
280	13:25	0.043	0.044	280	13:25	0.027	0.029	-
281	13:26	0.050	0.045	281	13:26	0.027	0.029	-
282	13:27	0.040	0.044	282	13:27	0.016	0.028	-
283	13:28	0.036	0.043	283	13:28	0.016	0.027	-
284	13:29	0.031	0.042	284	13:29	0.015	0.026	-
285	13:30	0.031	0.042	285	13:30	0.013	0.025	-
286	13:31	0.036	0.041	286	13:31	0.016	0.025	-
287	13:32	0.040	0.041	287	13:32	0.015	0.024	-
288	13:33	0.038	0.040	288	13:33	0.014	0.023	-
289	13:34	0.041	0.040	289	13:34	0.017	0.022	-
290	13:35	0.040	0.040	290	13:35	0.019	0.021	-
291	13:36	0.038	0.039	291	13:36	0.020	0.020	-
292	13:37	0.036	0.039	292	13:37	0.019	0.019	-
293	13:38	0.045	0.039	293	13:38	0.015	0.018	-
294	13:39	0.045	0.039	294	13:39	0.013	0.017	-
295	13:40	0.072	0.041	295	13:40	0.018	0.017	-
296	13:41	0.069	0.043	296	13:41	0.033	0.017	-
297	13:42	0.070	0.045	297	13:42	0.036	0.019	-
298	13:43	0.065	0.046	298	13:43	0.034	0.020	-
299	13:44	0.044	0.047	299	13:44	0.025	0.020	-
300	13:45	0.077	0.050	300	13:45	0.035	0.022	-
301	13:46	0.058	0.052	301	13:46	0.028	0.023	-
302	13:47	0.053	0.053	302	13:47	0.022	0.023	-
303	13:48	0.054	0.054	303	13:48	0.063	0.026	-
304	13:49	0.055	0.055	304	13:49	0.023	0.027	-
305	13:50	0.048	0.055	305	13:50	0.022	0.027	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
306	13:51	0.037	0.055	306	13:51	0.018	0.027	-
307	13:52	0.036	0.055	307	13:52	0.028	0.028	-
308	13:53	0.046	0.055	308	13:53	0.025	0.028	-
309	13:54	0.038	0.055	309	13:54	0.023	0.029	-
310	13:55	0.034	0.052	310	13:55	0.021	0.029	-
311	13:56	0.034	0.050	311	13:56	0.020	0.028	-
312	13:57	0.039	0.048	312	13:57	0.029	0.028	-
313	13:58	0.038	0.046	313	13:58	0.022	0.027	-
314	13:59	0.038	0.046	314	13:59	0.030	0.027	-
315	14:00	0.036	0.043	315	14:00	0.030	0.027	-
316	14:01	0.079	0.044	316	14:01	0.018	0.026	-
317	14:02	0.034	0.043	317	14:02	0.040	0.027	-
318	14:03	0.035	0.042	318	14:03	0.024	0.025	-
319	14:04	0.035	0.040	319	14:04	0.016	0.024	-
320	14:05	0.053	0.041	320	14:05	0.017	0.024	-
321	14:06	0.054	0.042	321	14:06	0.022	0.024	-
322	14:07	0.036	0.042	322	14:07	0.023	0.024	-
323	14:08	0.044	0.042	323	14:08	0.018	0.024	-
324	14:09	0.037	0.042	324	14:09	0.027	0.024	-
325	14:10	0.053	0.043	325	14:10	0.017	0.024	-
326	14:11	0.056	0.044	326	14:11	0.015	0.023	-
327	14:12	0.062	0.046	327	14:12	0.014	0.022	-
328	14:13	0.054	0.047	328	14:13	0.010	0.021	-
329	14:14	0.037	0.047	329	14:14	0.011	0.020	-
330	14:15	0.041	0.047	330	14:15	0.012	0.019	-
331	14:16	0.034	0.044	331	14:16	0.012	0.019	-
332	14:17	0.040	0.045	332	14:17	0.012	0.017	-
333	14:18	0.033	0.045	333	14:18	0.013	0.016	-
334	14:19	0.034	0.045	334	14:19	0.015	0.016	-
335	14:20	0.032	0.043	335	14:20	0.017	0.016	-
336	14:21	0.032	0.042	336	14:21	0.015	0.015	-
337	14:22	0.033	0.041	337	14:22	0.017	0.015	-

Tuesday, February 28, 2017

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0

Number of Comparable Data Points = 302

ORGANIC VAPOR DATA

UPWIND				**DOWNWIND**				
Upwind PID Data Summary				**Downwind PID Data Summary**				
Average		0.0	ppm	Average		0.0	ppm	
Max 15-Minute Average		0.0	ppm	Max 15-Minute Average		0.0	ppm	
Minimum		0.0	ppm	Minimum		0.0	ppm	
Maximum		0.1	ppm	Maximum		0.1	ppm	
	Time	**VOC (ppm)**	**15-Minute Average**		**Time**	**VOC (ppm)**	**15-Minute Average**	**Exceeds VOCs Alarm Limits**
1	8:55			1	8:55	0.00		
2	8:56			2	8:56	0.00		
3	8:57			3	8:57	0.00		
4	8:58			4	8:58	0.00		
5	8:59			5	8:59	0.00		
6	9:00			6	9:00	0.00		
7	9:01			7	9:01	0.00		
8	9:02			8	9:02	0.10		
9	9:03			9	9:03	0.00		
10	9:04			10	9:04	0.00		
11	9:05			11	9:05	0.00		
12	9:06			12	9:06	0.10		
13	9:07	0.00		13	9:07	0.00		
14	9:08	0.00		14	9:08	0.00		
15	9:09	0.00		15	9:09	0.00	0.0	
16	9:10	0.00		16	9:10	0.00	0.0	
17	9:11	0.00		17	9:11	0.00	0.0	
18	9:12	0.00		18	9:12	0.00	0.0	
19	9:13	0.00		19	9:13	0.00	0.0	
20	9:14	0.00		20	9:14	0.00	0.0	
21	9:15	0.00		21	9:15	0.00	0.0	
22	9:16	0.00		22	9:16	0.00	0.0	
23	9:17	0.00		23	9:17	0.00	0.0	
24	9:18	0.00		24	9:18	0.00	0.0	
25	9:19	0.00		25	9:19	0.00	0.0	
26	9:20	0.00		26	9:20	0.00	0.0	
27	9:21	0.00	0.0	27	9:21	0.00	0.0	-
28	9:22	0.00	0.0	28	9:22	0.00	0.0	-
29	9:23	0.00	0.0	29	9:23	0.00	0.0	-
30	9:24	0.00	0.0	30	9:24	0.00	0.0	-
31	9:25	0.00	0.0	31	9:25	0.00	0.0	-
32	9:26	0.00	0.0	32	9:26	0.00	0.0	-
33	9:27	0.00	0.0	33	9:27	0.00	0.0	-
34	9:28	0.00	0.0	34	9:28	0.00	0.0	-
35	9:29	0.00	0.0	35	9:29	0.00	0.0	-
36	9:30	0.00	0.0	36	9:30	0.00	0.0	-
37	9:31	0.00	0.0	37	9:31	0.00	0.0	-
38	9:32	0.00	0.0	38	9:32	0.00	0.0	-
39	9:33	0.00	0.0	39	9:33	0.00	0.0	-
40	9:34	0.00	0.0	40	9:34	0.00	0.0	-
41	9:35	0.00	0.0	41	9:35	0.00	0.0	-
42	9:36	0.00	0.0	42	9:36	0.00	0.0	-
43	9:37	0.00	0.0	43	9:37	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
44	9:38	0.00	0.0	44	9:38	0.00	0.0	-
45	9:39	0.00	0.0	45	9:39	0.00	0.0	-
46	9:40	0.00	0.0	46	9:40	0.00	0.0	-
47	9:41	0.00	0.0	47	9:41	0.00	0.0	-
48	9:42	0.00	0.0	48	9:42	0.00	0.0	-
49	9:43	0.00	0.0	49	9:43	0.00	0.0	-
50	9:44	0.00	0.0	50	9:44	0.00	0.0	-
51	9:45	0.00	0.0	51	9:45	0.00	0.0	-
52	9:46	0.00	0.0	52	9:46	0.00	0.0	-
53	9:47	0.00	0.0	53	9:47	0.00	0.0	-
54	9:48	0.00	0.0	54	9:48	0.00	0.0	-
55	9:49	0.00	0.0	55	9:49	0.00	0.0	-
56	9:50	0.00	0.0	56	9:50	0.00	0.0	-
57	9:51	0.00	0.0	57	9:51	0.00	0.0	-
58	9:52	0.00	0.0	58	9:52	0.00	0.0	-
59	9:53	0.00	0.0	59	9:53	0.00	0.0	-
60	9:54	0.00	0.0	60	9:54	0.00	0.0	-
61	9:55	0.00	0.0	61	9:55	0.00	0.0	-
62	9:56	0.00	0.0	62	9:56	0.00	0.0	-
63	9:57	0.00	0.0	63	9:57	0.00	0.0	-
64	9:58	0.00	0.0	64	9:58	0.00	0.0	-
65	9:59	0.00	0.0	65	9:59	0.00	0.0	-
66	10:00	0.00	0.0	66	10:00	0.00	0.0	-
67	10:01	0.00	0.0	67	10:01	0.00	0.0	-
68	10:02	0.00	0.0	68	10:02	0.00	0.0	-
69	10:03	0.00	0.0	69	10:03	0.00	0.0	-
70	10:04	0.00	0.0	70	10:04	0.00	0.0	-
71	10:05	0.00	0.0	71	10:05	0.00	0.0	-
72	10:06	0.00	0.0	72	10:06	0.00	0.0	-
73	10:07	0.00	0.0	73	10:07	0.00	0.0	-
74	10:08	0.00	0.0	74	10:08	0.00	0.0	-
75	10:09	0.00	0.0	75	10:09	0.00	0.0	-
76	10:10	0.00	0.0	76	10:10	0.00	0.0	-
77	10:11	0.00	0.0	77	10:11	0.00	0.0	-
78	10:12	0.00	0.0	78	10:12	0.00	0.0	-
79	10:13	0.00	0.0	79	10:13	0.00	0.0	-
80	10:14	0.00	0.0	80	10:14	0.00	0.0	-
81	10:15	0.00	0.0	81	10:15	0.00	0.0	-
82	10:16	0.00	0.0	82	10:16	0.00	0.0	-
83	10:17	0.00	0.0	83	10:17	0.00	0.0	-
84	10:18	0.00	0.0	84	10:18	0.00	0.0	-
85	10:19	0.00	0.0	85	10:19	0.00	0.0	-
86	10:20	0.00	0.0	86	10:20	0.00	0.0	-
87	10:21	0.00	0.0	87	10:21	0.00	0.0	-
88	10:22	0.00	0.0	88	10:22	0.00	0.0	-
89	10:23	0.00	0.0	89	10:23	0.00	0.0	-
90	10:24	0.00	0.0	90	10:24	0.00	0.0	-
91	10:25	0.00	0.0	91	10:25	0.00	0.0	-
92	10:26	0.00	0.0	92	10:26	0.00	0.0	-
93	10:27	0.00	0.0	93	10:27	0.00	0.0	-
94	10:28	0.00	0.0	94	10:28	0.00	0.0	-
95	10:29	0.00	0.0	95	10:29	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
96	10:30	0.00	0.0	96	10:30	0.00	0.0	-
97	10:31	0.00	0.0	97	10:31	0.00	0.0	-
98	10:32	0.00	0.0	98	10:32	0.00	0.0	-
99	10:33	0.00	0.0	99	10:33	0.00	0.0	-
100	10:34	0.00	0.0	100	10:34	0.00	0.0	-
101	10:35	0.00	0.0	101	10:35	0.00	0.0	-
102	10:36	0.00	0.0	102	10:36	0.00	0.0	-
103	10:37	0.00	0.0	103	10:37	0.00	0.0	-
104	10:38	0.00	0.0	104	10:38	0.00	0.0	-
105	10:39	0.00	0.0	105	10:39	0.00	0.0	-
106	10:40	0.00	0.0	106	10:40	0.00	0.0	-
107	10:41	0.00	0.0	107	10:41	0.00	0.0	-
108	10:42	0.00	0.0	108	10:42	0.00	0.0	-
109	10:43	0.00	0.0	109	10:43	0.00	0.0	-
110	10:44	0.00	0.0	110	10:44	0.00	0.0	-
111	10:45	0.00	0.0	111	10:45	0.00	0.0	-
112	10:46	0.00	0.0	112	10:46	0.00	0.0	-
113	10:47	0.00	0.0	113	10:47	0.00	0.0	-
114	10:48	0.00	0.0	114	10:48	0.00	0.0	-
115	10:49	0.00	0.0	115	10:49	0.00	0.0	-
116	10:50	0.00	0.0	116	10:50	0.00	0.0	-
117	10:51	0.00	0.0	117	10:51	0.00	0.0	-
118	10:52	0.00	0.0	118	10:52	0.00	0.0	-
119	10:53	0.00	0.0	119	10:53	0.00	0.0	-
120	10:54	0.00	0.0	120	10:54	0.00	0.0	-
121	10:55	0.00	0.0	121	10:55	0.00	0.0	-
122	10:56	0.00	0.0	122	10:56	0.00	0.0	-
123	10:57	0.00	0.0	123	10:57	0.00	0.0	-
124	10:58	0.00	0.0	124	10:58	0.00	0.0	-
125	10:59	0.00	0.0	125	10:59	0.00	0.0	-
126	11:00	0.00	0.0	126	11:00	0.00	0.0	-
127	11:01	0.00	0.0	127	11:01	0.00	0.0	-
128	11:02	0.00	0.0	128	11:02	0.00	0.0	-
129	11:03	0.00	0.0	129	11:03	0.00	0.0	-
130	11:04	0.00	0.0	130	11:04	0.00	0.0	-
131	11:05	0.00	0.0	131	11:05	0.00	0.0	-
132	11:06	0.00	0.0	132	11:06	0.00	0.0	-
133	11:07	0.00	0.0	133	11:07	0.00	0.0	-
134	11:08	0.00	0.0	134	11:08	0.00	0.0	-
135	11:09	0.00	0.0	135	11:09	0.00	0.0	-
136	11:10	0.00	0.0	136	11:10	0.00	0.0	-
137	11:11	0.00	0.0	137	11:11	0.00	0.0	-
138	11:12	0.00	0.0	138	11:12	0.00	0.0	-
139	11:13	0.00	0.0	139	11:13	0.00	0.0	-
140	11:14	0.00	0.0	140	11:14	0.00	0.0	-
141	11:15	0.00	0.0	141	11:15	0.00	0.0	-
142	11:16	0.00	0.0	142	11:16	0.00	0.0	-
143	11:17	0.00	0.0	143	11:17	0.00	0.0	-
144	11:18	0.00	0.0	144	11:18	0.00	0.0	-
145	11:19	0.00	0.0	145	11:19	0.00	0.0	-
146	11:20	0.00	0.0	146	11:20	0.00	0.0	-
147	11:21	0.00	0.0	147	11:21	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
148	11:22	0.00	0.0	148	11:22	0.00	0.0	-
149	11:23	0.00	0.0	149	11:23	0.00	0.0	-
150	11:24	0.00	0.0	150	11:24	0.00	0.0	-
151	11:25	0.00	0.0	151	11:25	0.00	0.0	-
152	11:26	0.00	0.0	152	11:26	0.00	0.0	-
153	11:27	0.00	0.0	153	11:27	0.00	0.0	-
154	11:28	0.00	0.0	154	11:28	0.00	0.0	-
155	11:29	0.00	0.0	155	11:29	0.00	0.0	-
156	11:30	0.00	0.0	156	11:30	0.00	0.0	-
157	11:31	0.00	0.0	157	11:31	0.00	0.0	-
158	11:32	0.00	0.0	158	11:32	0.00	0.0	-
159	11:33	0.00	0.0	159	11:33	0.00	0.0	-
160	11:34	0.00	0.0	160	11:34	0.00	0.0	-
161	11:35	0.00	0.0	161	11:35	0.00	0.0	-
162	11:36	0.00	0.0	162	11:36	0.00	0.0	-
163	11:37	0.00	0.0	163	11:37	0.00	0.0	-
164	11:38	0.00	0.0	164	11:38	0.00	0.0	-
165	11:39	0.00	0.0	165	11:39	0.00	0.0	-
166	11:40	0.00	0.0	166	11:40	0.00	0.0	-
167	11:41	0.00	0.0	167	11:41	0.00	0.0	-
168	11:42	0.00	0.0	168	11:42	0.00	0.0	-
169	11:43	0.00	0.0	169	11:43	0.00	0.0	-
170	11:44	0.00	0.0	170	11:44	0.00	0.0	-
171	11:45	0.00	0.0	171	11:45	0.00	0.0	-
172	11:46	0.00	0.0	172	11:46	0.00	0.0	-
173	11:47	0.00	0.0	173	11:47	0.00	0.0	-
174	11:48	0.00	0.0	174	11:48	0.00	0.0	-
175	11:49	0.00	0.0	175	11:49	0.00	0.0	-
176	11:50	0.00	0.0	176	11:50	0.00	0.0	-
177	11:51	0.00	0.0	177	11:51	0.00	0.0	-
178	11:52	0.00	0.0	178	11:52	0.00	0.0	-
179	11:53	0.00	0.0	179	11:53	0.00	0.0	-
180	11:54	0.00	0.0	180	11:54	0.00	0.0	-
181	11:55	0.00	0.0	181	11:55	0.00	0.0	-
182	11:56	0.00	0.0	182	11:56	0.00	0.0	-
183	11:57	0.00	0.0	183	11:57	0.00	0.0	-
184	11:58	0.00	0.0	184	11:58	0.00	0.0	-
185	11:59	0.00	0.0	185	11:59	0.00	0.0	-
186	12:00	0.00	0.0	186	12:00	0.00	0.0	-
187	12:01	0.00	0.0	187	12:01	0.00	0.0	-
188	12:02	0.00	0.0	188	12:02	0.00	0.0	-
189	12:03	0.00	0.0	189	12:03	0.00	0.0	-
190	12:04	0.00	0.0	190	12:04	0.00	0.0	-
191	12:05	0.00	0.0	191	12:05	0.00	0.0	-
192	12:06	0.00	0.0	192	12:06	0.00	0.0	-
193	12:07	0.00	0.0	193	12:07	0.00	0.0	-
194	12:08	0.00	0.0	194	12:08	0.00	0.0	-
195	12:09	0.00	0.0	195	12:09	0.00	0.0	-
196	12:10	0.00	0.0	196	12:10	0.00	0.0	-
197	12:11	0.00	0.0	197	12:11	0.00	0.0	-
198	12:12	0.00	0.0	198	12:12	0.00	0.0	-
199	12:13	0.00	0.0	199	12:13	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
200	12:14	0.00	0.0	200	12:14	0.00	0.0	-
201	12:15	0.00	0.0	201	12:15	0.00	0.0	-
202	12:16	0.00	0.0	202	12:16	0.00	0.0	-
203	12:17	0.00	0.0	203	12:17	0.00	0.0	-
204	12:18	0.00	0.0	204	12:18	0.00	0.0	-
205	12:19	0.00	0.0	205	12:19	0.00	0.0	-
206	12:20	0.00	0.0	206	12:20	0.00	0.0	-
207	12:21	0.00	0.0	207	12:21	0.00	0.0	-
208	12:22	0.00	0.0	208	12:22	0.00	0.0	-
209	12:23	0.00	0.0	209	12:23	0.00	0.0	-
210	12:24	0.00	0.0	210	12:24	0.00	0.0	-
211	12:25	0.00	0.0	211	12:25	0.00	0.0	-
212	12:26	0.00	0.0	212	12:26	0.00	0.0	-
213	12:27	0.00	0.0	213	12:27	0.00	0.0	-
214	12:28	0.00	0.0	214	12:28	0.00	0.0	-
215	12:29	0.00	0.0	215	12:29	0.00	0.0	-
216	12:30	0.00	0.0	216	12:30	0.00	0.0	-
217	12:31	0.00	0.0	217	12:31	0.00	0.0	-
218	12:32	0.00	0.0	218	12:32	0.00	0.0	-
219	12:33	0.00	0.0	219	12:33	0.00	0.0	-
220	12:34	0.00	0.0	220	12:34	0.00	0.0	-
221	12:35	0.00	0.0	221	12:35	0.00	0.0	-
222	12:36	0.00	0.0	222	12:36	0.00	0.0	-
223	12:37	0.00	0.0	223	12:37	0.00	0.0	-
224	12:38	0.00	0.0	224	12:38	0.00	0.0	-
225	12:39	0.00	0.0	225	12:39	0.00	0.0	-
226	12:40	0.00	0.0	226	12:40	0.10	0.0	-
227	12:41	0.00	0.0	227	12:41	0.00	0.0	-
228	12:42	0.00	0.0	228	12:42	0.00	0.0	-
229	12:43	0.00	0.0	229	12:43	0.00	0.0	-
230	12:44	0.00	0.0	230	12:44	0.00	0.0	-
231	12:45	0.00	0.0	231	12:45	0.00	0.0	-
232	12:46	0.00	0.0	232	12:46	0.00	0.0	-
233	12:47	0.00	0.0	233	12:47	0.00	0.0	-
234	12:48	0.00	0.0	234	12:48	0.00	0.0	-
235	12:49	0.00	0.0	235	12:49	0.00	0.0	-
236	12:50	0.00	0.0	236	12:50	0.00	0.0	-
237	12:51	0.00	0.0	237	12:51	0.00	0.0	-
238	12:52	0.08	0.0	238	12:52	0.00	0.0	-
239	12:53	0.00	0.0	239	12:53	0.00	0.0	-
240	12:54	0.00	0.0	240	12:54	0.00	0.0	-
241	12:55	0.00	0.0	241	12:55	0.00	0.0	-
242	12:56	0.00	0.0	242	12:56	0.00	0.0	-
243	12:57	0.00	0.0	243	12:57	0.00	0.0	-
244	12:58	0.00	0.0	244	12:58	0.00	0.0	-
245	12:59	0.00	0.0	245	12:59	0.00	0.0	-
246	13:00	0.00	0.0	246	13:00	0.00	0.0	-
247	13:01	0.00	0.0	247	13:01	0.00	0.0	-
248	13:02	0.00	0.0	248	13:02	0.00	0.0	-
249	13:03	0.00	0.0	249	13:03	0.00	0.0	-
250	13:04	0.00	0.0	250	13:04	0.00	0.0	-
251	13:05	0.00	0.0	251	13:05	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
252	13:06	0.00	0.0	252	13:06	0.00	0.0	-
253	13:07	0.00	0.0	253	13:07	0.00	0.0	-
254	13:08	0.00	0.0	254	13:08	0.00	0.0	-
255	13:09	0.00	0.0	255	13:09	0.00	0.0	-
256	13:10	0.00	0.0	256	13:10	0.00	0.0	-
257	13:11	0.00	0.0	257	13:11	0.00	0.0	-
258	13:12	0.00	0.0	258	13:12	0.00	0.0	-
259	13:13	0.00	0.0	259	13:13	0.00	0.0	-
260	13:14	0.00	0.0	260	13:14	0.00	0.0	-
261	13:15	0.00	0.0	261	13:15	0.00	0.0	-
262	13:16	0.00	0.0	262	13:16	0.00	0.0	-
263	13:17	0.00	0.0	263	13:17	0.00	0.0	-
264	13:18	0.00	0.0	264	13:18	0.00	0.0	-
265	13:19	0.00	0.0	265	13:19	0.00	0.0	-
266	13:20	0.00	0.0	266	13:20	0.00	0.0	-
267	13:21	0.00	0.0	267	13:21	0.00	0.0	-
268	13:22	0.00	0.0	268	13:22	0.00	0.0	-
269	13:23	0.00	0.0	269	13:23	0.00	0.0	-
270	13:24	0.00	0.0	270	13:24	0.00	0.0	-
271	13:25	0.00	0.0	271	13:25	0.00	0.0	-
272	13:26	0.00	0.0	272	13:26	0.00	0.0	-
273	13:27	0.00	0.0	273	13:27	0.00	0.0	-
274	13:28	0.00	0.0	274	13:28	0.00	0.0	-
275	13:29	0.00	0.0	275	13:29	0.00	0.0	-
276	13:30	0.00	0.0	276	13:30	0.00	0.0	-
277	13:31	0.00	0.0	277	13:31	0.00	0.0	-
278	13:32	0.00	0.0	278	13:32	0.00	0.0	-
279	13:33	0.00	0.0	279	13:33	0.00	0.0	-
280	13:34	0.00	0.0	280	13:34	0.00	0.0	-
281	13:35	0.00	0.0	281	13:35	0.00	0.0	-
282	13:36	0.00	0.0	282	13:36	0.00	0.0	-
283	13:37	0.00	0.0	283	13:37	0.00	0.0	-
284	13:38	0.00	0.0	284	13:38	0.00	0.0	-
285	13:39	0.00	0.0	285	13:39	0.00	0.0	-
286	13:40	0.00	0.0	286	13:40	0.00	0.0	-
287	13:41	0.00	0.0	287	13:41	0.00	0.0	-
288	13:42	0.00	0.0	288	13:42	0.00	0.0	-
289	13:43	0.00	0.0	289	13:43	0.00	0.0	-
290	13:44	0.00	0.0	290	13:44	0.00	0.0	-
291	13:45	0.00	0.0	291	13:45	0.00	0.0	-
292	13:46	0.00	0.0	292	13:46	0.00	0.0	-
293	13:47	0.00	0.0	293	13:47	0.00	0.0	-
294	13:48	0.00	0.0	294	13:48	0.00	0.0	-
295	13:49	0.00	0.0	295	13:49	0.00	0.0	-
296	13:50	0.00	0.0	296	13:50	0.00	0.0	-
297	13:51	0.00	0.0	297	13:51	0.00	0.0	-
298	13:52	0.00	0.0	298	13:52	0.00	0.0	-
299	13:53	0.00	0.0	299	13:53	0.00	0.0	-
300	13:54	0.00	0.0	300	13:54	0.00	0.0	-
301	13:55	0.00	0.0	301	13:55	0.00	0.0	-
302	13:56	0.00	0.0	302	13:56	0.00	0.0	-
303	13:57	0.00	0.0	303	13:57	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
304	13:58	0.00	0.0	304	13:58	0.00	0.0	-
305	13:59	0.00	0.0	305	13:59	0.00	0.0	-
306	14:00	0.00	0.0	306	14:00	0.00	0.0	-
307	14:01	0.00	0.0	307	14:01	0.00	0.0	-
308	14:02	0.00	0.0	308	14:02	0.00	0.0	-
309	14:03	0.00	0.0	309	14:03	0.00	0.0	-
310	14:04	0.00	0.0	310	14:04	0.00	0.0	-
311	14:05	0.00	0.0	311	14:05	0.00	0.0	-
312	14:06	0.00	0.0	312	14:06	0.00	0.0	-
313	14:07	0.00	0.0	313	14:07	0.00	0.0	-
314	14:08	0.00	0.0	314	14:08	0.00	0.0	-
315	14:09	0.00	0.0	315	14:09	0.00	0.0	-
316	14:10	0.00	0.0	316	14:10	0.00	0.0	-
317	14:11	0.00	0.0	317	14:11	0.00	0.0	-
318	14:12	0.00	0.0	318	14:12	0.00	0.0	-
319	14:13	0.00	0.0	319	14:13	0.00	0.0	-
320	14:14	0.00	0.0	320	14:14	0.00	0.0	-
321	14:15	0.00	0.0	321	14:15	0.00	0.0	-
322	14:16	0.00	0.0	322	14:16	0.00	0.0	-
323	14:17	0.00	0.0	323	14:17	0.00	0.0	-
324	14:18	0.00	0.0	324	14:18	0.00	0.0	-
325	14:19	0.00	0.0	325	14:19	0.00	0.0	-
326	14:20	0.00	0.0	326	14:20	0.00	0.0	-
327	14:21	0.00	0.0	327	14:21	0.00	0.0	-
328	14:22	0.00	0.0	328	14:22	0.00	0.0	-

Wednesday, March 08, 2017								
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 =								0
Number of Comparable Data Points =								389
PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
Average		0.001	mg/m^3	Average		0.011	mg/m^3	
Max 15-Minute Average		0.006	mg/m^3	Max 15-Minute Average		0.030	mg/m^3	
Minimum		-0.004	mg/m^3	Minimum		0.004	mg/m^3	
Maximum		0.051	mg/m^3	Maximum		0.166	mg/m^3	
	Time	**Concentration (mg/m^3)**	**15-Minute Average**		**Time**	**Concentration (mg/m^3)**	**15-Minute Average**	**Exceeds Particulate Alarm Limits**
1	6:48	0.008		1	6:48	0.008		
2	6:49	0.003		2	6:49	0.008		
3	6:50	0.051		3	6:50	0.005		
4	6:51	0.006		4	6:51	0.011		
5	6:52	0.001		5	6:52	0.007		
6	6:53	0.007		6	6:53	0.004		
7	6:54	0.000		7	6:54	0.004		
8	6:55	0.000		8	6:55	0.004		
9	6:56	0.000		9	6:56	0.012		
10	6:57	0.000		10	6:57	0.018		
11	6:58	0.001		11	6:58	0.036		
12	6:59	0.000		12	6:59	0.006		
13	7:00	0.000		13	7:00	0.013		
14	7:01	0.001		14	7:01	0.015		
15	7:02	0.009	0.006	15	7:02	0.009	0.011	-
16	7:03	0.002	0.005	16	7:03	0.011	0.011	-
17	7:04	0.002	0.005	17	7:04	0.010	0.011	-
18	7:05	0.001	0.002	18	7:05	0.046	0.014	-
19	7:06	0.001	0.002	19	7:06	0.105	0.020	-
20	7:07	0.001	0.002	20	7:07	0.049	0.023	-
21	7:08	0.003	0.001	21	7:08	0.034	0.025	-
22	7:09	0.005	0.002	22	7:09	0.056	0.028	-
23	7:10	0.002	0.002	23	7:10	0.021	0.029	-
24	7:11	0.001	0.002	24	7:11	0.014	0.030	-
25	7:12	0.002	0.002	25	7:12	0.017	0.029	-
26	7:13	0.001	0.002	26	7:13	0.027	0.029	-
27	7:14	0.000	0.002	27	7:14	0.004	0.029	-
28	7:15	0.000	0.002	28	7:15	0.004	0.028	-
29	7:16	0.000	0.002	29	7:16	0.019	0.028	-
30	7:17	0.000	0.001	30	7:17	0.008	0.028	-
31	7:18	0.001	0.001	31	7:18	0.009	0.028	-
32	7:19	0.001	0.001	32	7:19	0.005	0.028	-
33	7:20	0.001	0.001	33	7:20	0.008	0.025	-
34	7:21	0.001	0.001	34	7:21	0.008	0.019	-
35	7:22	0.001	0.001	35	7:22	0.010	0.016	-
36	7:23	0.001	0.001	36	7:23	0.012	0.015	-
37	7:24	0.001	0.001	37	7:24	0.011	0.012	-
38	7:25	0.001	0.001	38	7:25	0.012	0.011	-
39	7:26	0.001	0.001	39	7:26	0.006	0.011	-
40	7:27	0.000	0.001	40	7:27	0.006	0.010	-
41	7:28	0.002	0.001	41	7:28	0.006	0.009	-
42	7:29	0.001	0.001	42	7:29	0.007	0.009	-
43	7:30	0.002	0.001	43	7:30	0.006	0.009	-
44	7:31	0.001	0.001	44	7:31	0.010	0.008	-
45	7:32	0.000	0.001	45	7:32	0.007	0.008	-
46	7:33	0.000	0.001	46	7:33	0.011	0.008	-
47	7:34	0.001	0.001	47	7:34	0.007	0.008	-
48	7:35	0.001	0.001	48	7:35	0.007	0.008	-
49	7:36	0.001	0.001	49	7:36	0.012	0.009	-
50	7:37	0.001	0.001	50	7:37	0.006	0.008	-
51	7:38	0.001	0.001	51	7:38	0.011	0.008	-
52	7:39	0.002	0.001	52	7:39	0.006	0.008	-
53	7:40	0.002	0.001	53	7:40	0.008	0.008	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
54	7:41	0.001	0.001	54	7:41	0.007	0.008	-
55	7:42	0.002	0.001	55	7:42	0.009	0.008	-
56	7:43	0.001	0.001	56	7:43	0.006	0.008	-
57	7:44	0.001	0.001	57	7:44	0.011	0.008	-
58	7:45	0.001	0.001	58	7:45	0.010	0.009	-
59	7:46	0.001	0.001	59	7:46	0.008	0.008	-
60	7:47	0.001	0.001	60	7:47	0.009	0.009	-
61	7:48	0.001	0.001	61	7:48	0.007	0.008	-
62	7:49	0.002	0.001	62	7:49	0.007	0.008	-
63	7:50	0.003	0.001	63	7:50	0.007	0.008	-
64	7:51	0.002	0.001	64	7:51	0.008	0.008	-
65	7:52	0.002	0.002	65	7:52	0.006	0.008	-
66	7:53	0.002	0.002	66	7:53	0.008	0.008	-
67	7:54	0.002	0.002	67	7:54	0.009	0.008	-
68	7:55	0.002	0.002	68	7:55	0.009	0.008	-
69	7:56	0.002	0.002	69	7:56	0.005	0.008	-
70	7:57	0.003	0.002	70	7:57	0.006	0.008	-
71	7:58	0.003	0.002	71	7:58	0.017	0.008	-
72	7:59	0.002	0.002	72	7:59	0.009	0.008	-
73	8:00	0.002	0.002	73	8:00	0.008	0.008	-
74	8:01	0.004	0.002	74	8:01	0.007	0.008	-
75	8:02	0.004	0.002	75	8:02	0.017	0.009	-
76	8:03	0.004	0.003	76	8:03	0.012	0.009	-
77	8:04	0.005	0.003	77	8:04	0.017	0.010	-
78	8:05	0.005	0.003	78	8:05	0.010	0.010	-
79	8:06	0.003	0.003	79	8:06	0.012	0.010	-
80	8:07	0.002	0.003	80	8:07	0.010	0.010	-
81	8:08	0.002	0.003	81	8:08	0.011	0.011	-
82	8:09	0.003	0.003	82	8:09	0.010	0.011	-
83	8:10	0.002	0.003	83	8:10	0.015	0.011	-
84	8:11	0.003	0.003	84	8:11	0.012	0.012	-
85	8:12	0.003	0.003	85	8:12	0.010	0.012	-
86	8:13	0.003	0.003	86	8:13	0.009	0.011	-
87	8:14	0.004	0.003	87	8:14	0.011	0.011	-
88	8:15	0.004	0.003	88	8:15	0.006	0.011	-
89	8:16	0.003	0.003	89	8:16	0.008	0.011	-
90	8:17	0.002	0.003	90	8:17	0.007	0.011	-
91	8:18	0.002	0.003	91	8:18	0.011	0.011	-
92	8:19	0.003	0.003	92	8:19	0.008	0.010	-
93	8:20	0.003	0.003	93	8:20	0.013	0.010	-
94	8:21	0.004	0.003	94	8:21	0.014	0.010	-
95	8:22	0.004	0.003	95	8:22	0.012	0.010	-
96	8:23	0.003	0.003	96	8:23	0.012	0.011	-
97	8:24	0.002	0.003	97	8:24	0.011	0.011	-
98	8:25	0.002	0.003	98	8:25	0.010	0.010	-
99	8:26	0.002	0.003	99	8:26	0.012	0.010	-
100	8:27	0.002	0.003	100	8:27	0.008	0.010	-
101	8:28	0.002	0.003	101	8:28	0.009	0.010	-
102	8:29	0.002	0.003	102	8:29	0.014	0.010	-
103	8:30	0.003	0.003	103	8:30	0.009	0.011	-
104	8:31	0.002	0.003	104	8:31	0.007	0.010	-
105	8:32	0.002	0.003	105	8:32	0.007	0.010	-
106	8:33	0.002	0.003	106	8:33	0.007	0.010	-
107	8:34	0.003	0.003	107	8:34	0.009	0.010	-
108	8:35	0.003	0.003	108	8:35	0.011	0.010	-
109	8:36	0.003	0.002	109	8:36	0.009	0.010	-
110	8:37	0.004	0.002	110	8:37	0.008	0.010	-
111	8:38	0.002	0.002	111	8:38	0.006	0.009	-
112	8:39	0.001	0.002	112	8:39	0.005	0.009	-
113	8:40	0.002	0.002	113	8:40	0.007	0.009	-
114	8:41	0.001	0.002	114	8:41	0.007	0.008	-
115	8:42	0.002	0.002	115	8:42	0.010	0.008	-
116	8:43	0.004	0.002	116	8:43	0.076	0.013	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
117	8:44	0.003	0.002	117	8:44	0.007	0.012	-
118	8:45	0.003	0.002	118	8:45	0.006	0.012	-
119	8:46	0.002	0.002	119	8:46	0.008	0.012	-
120	8:47	0.002	0.002	120	8:47	0.007	0.012	-
121	8:48	0.002	0.002	121	8:48	0.006	0.012	-
122	8:49	0.002	0.002	122	8:49	0.006	0.012	-
123	8:50	0.003	0.002	123	8:50	0.011	0.012	-
124	8:51	0.002	0.002	124	8:51	0.011	0.012	-
125	8:52	0.003	0.002	125	8:52	0.007	0.012	-
126	8:53	0.003	0.002	126	8:53	0.007	0.012	-
127	8:54	0.002	0.002	127	8:54	0.012	0.013	-
128	8:55	0.002	0.002	128	8:55	0.013	0.013	-
129	8:56	0.002	0.002	129	8:56	0.010	0.013	-
130	8:57	0.002	0.002	130	8:57	0.007	0.013	-
131	8:58	0.002	0.002	131	8:58	0.006	0.008	-
132	8:59	0.002	0.002	132	8:59	0.008	0.008	-
133	9:00	0.002	0.002	133	9:00	0.015	0.009	-
134	9:01	0.002	0.002	134	9:01	0.010	0.009	-
135	9:02	0.002	0.002	135	9:02	0.014	0.010	-
136	9:03	0.003	0.002	136	9:03	0.008	0.010	-
137	9:04	0.003	0.002	137	9:04	0.009	0.010	-
138	9:05	0.003	0.002	138	9:05	0.009	0.010	-
139	9:06	0.003	0.002	139	9:06	0.009	0.010	-
140	9:07	0.003	0.002	140	9:07	0.010	0.010	-
141	9:08	0.003	0.002	141	9:08	0.008	0.010	-
142	9:09	0.003	0.002	142	9:09	0.012	0.010	-
143	9:10	0.004	0.003	143	9:10	0.011	0.010	-
144	9:11	0.004	0.003	144	9:11	0.008	0.010	-
145	9:12	0.002	0.003	145	9:12	0.010	0.010	-
146	9:13	0.003	0.003	146	9:13	0.009	0.010	-
147	9:14	0.002	0.003	147	9:14	0.009	0.010	-
148	9:15	0.002	0.003	148	9:15	0.008	0.010	-
149	9:16	0.003	0.003	149	9:16	0.011	0.010	-
150	9:17	0.003	0.003	150	9:17	0.010	0.009	-
151	9:18	0.003	0.003	151	9:18	0.008	0.009	-
152	9:19	0.003	0.003	152	9:19	0.010	0.009	-
153	9:20	0.003	0.003	153	9:20	0.006	0.009	-
154	9:21	0.003	0.003	154	9:21	0.006	0.009	-
155	9:22	0.003	0.003	155	9:22	0.009	0.009	-
156	9:23	0.003	0.003	156	9:23	0.007	0.009	-
157	9:24	0.003	0.003	157	9:24	0.006	0.009	-
158	9:25	0.002	0.003	158	9:25	0.008	0.008	-
159	9:26	0.002	0.003	159	9:26	0.008	0.008	-
160	9:27	0.003	0.003	160	9:27	0.010	0.008	-
161	9:28	0.004	0.003	161	9:28	0.012	0.009	-
162	9:29	0.004	0.003	162	9:29	0.015	0.009	-
163	9:30	0.004	0.003	163	9:30	0.011	0.009	-
164	9:31	0.004	0.003	164	9:31	0.007	0.009	-
165	9:32	0.002	0.003	165	9:32	0.009	0.009	-
166	9:33	0.001	0.003	166	9:33	0.007	0.009	-
167	9:34	0.002	0.003	167	9:34	0.009	0.009	-
168	9:35	0.002	0.003	168	9:35	0.008	0.009	-
169	9:36	0.003	0.003	169	9:36	0.012	0.009	-
170	9:37	0.002	0.003	170	9:37	0.010	0.009	-
171	9:38	0.002	0.003	171	9:38	0.011	0.010	-
172	9:39	0.002	0.003	172	9:39	0.009	0.010	-
173	9:40	0.001	0.003	173	9:40	0.010	0.010	-
174	9:41	0.003	0.003	174	9:41	0.011	0.010	-
175	9:42	0.003	0.003	175	9:42	0.010	0.010	-
176	9:43	0.003	0.003	176	9:43	0.008	0.010	-
177	9:44	0.005	0.003	177	9:44	0.008	0.009	-
178	9:45	0.003	0.003	178	9:45	0.008	0.009	-
179	9:46	0.001	0.002	179	9:46	0.013	0.010	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
180	9:47	0.000	0.002	180	9:47	0.010	0.010	-
181	9:48	0.000	0.002	181	9:48	0.012	0.010	-
182	9:49	0.001	0.002	182	9:49	0.008	0.010	-
183	9:50	0.002	0.002	183	9:50	0.011	0.010	-
184	9:51	0.002	0.002	184	9:51	0.012	0.010	-
185	9:52	0.004	0.002	185	9:52	0.017	0.011	-
186	9:53	0.003	0.002	186	9:53	0.008	0.010	-
187	9:54	0.003	0.002	187	9:54	0.011	0.010	-
188	9:55	0.002	0.002	188	9:55	0.007	0.010	-
189	9:56	0.000	0.002	189	9:56	0.007	0.010	-
190	9:57	0.000	0.002	190	9:57	0.027	0.011	-
191	9:58	0.000	0.002	191	9:58	0.063	0.015	-
192	9:59	0.001	0.001	192	9:59	0.064	0.019	-
193	10:00	0.000	0.001	193	10:00	0.033	0.020	-
194	10:01	0.000	0.001	194	10:01	0.050	0.023	-
195	10:02	0.000	0.001	195	10:02	0.008	0.023	-
196	10:03	0.000	0.001	196	10:03	0.007	0.022	-
197	10:04	0.000	0.001	197	10:04	0.010	0.022	-
198	10:05	0.000	0.001	198	10:05	0.007	0.022	-
199	10:06	0.000	0.001	199	10:06	0.006	0.022	-
200	10:07	0.000	0.001	200	10:07	0.005	0.021	-
201	10:08	0.000	0.000	201	10:08	0.007	0.021	-
202	10:09	0.000	0.000	202	10:09	0.008	0.021	-
203	10:10	0.001	0.000	203	10:10	0.010	0.021	-
204	10:11	0.001	0.000	204	10:11	0.007	0.021	-
205	10:12	0.001	0.000	205	10:12	0.011	0.020	-
206	10:13	0.001	0.000	206	10:13	0.008	0.016	-
207	10:14	0.002	0.000	207	10:14	0.007	0.012	-
208	10:15	0.002	0.001	208	10:15	0.011	0.011	-
209	10:16	0.003	0.001	209	10:16	0.020	0.009	-
210	10:17	0.002	0.001	210	10:17	0.012	0.009	-
211	10:18	0.002	0.001	211	10:18	0.019	0.010	-
212	10:19	0.001	0.001	212	10:19	0.030	0.011	-
213	10:20	0.002	0.001	213	10:20	0.009	0.011	-
214	10:21	0.003	0.001	214	10:21	0.010	0.012	-
215	10:22	0.002	0.002	215	10:22	0.012	0.012	-
216	10:23	0.001	0.002	216	10:23	0.007	0.012	-
217	10:24	0.001	0.002	217	10:24	0.009	0.012	-
218	10:25	0.001	0.002	218	10:25	0.011	0.012	-
219	10:26	0.002	0.002	219	10:26	0.010	0.012	-
220	10:27	0.001	0.002	220	10:27	0.008	0.012	-
221	10:28	0.001	0.002	221	10:28	0.014	0.013	-
222	10:29	0.002	0.002	222	10:29	0.007	0.013	-
223	10:30	0.002	0.002	223	10:30	0.008	0.012	-
224	10:31	0.004	0.002	224	10:31	0.011	0.012	-
225	10:32	0.001	0.002	225	10:32	0.016	0.012	-
226	10:33	0.002	0.002	226	10:33	0.010	0.011	-
227	10:34	0.001	0.002	227	10:34	0.014	0.010	-
228	10:35	0.001	0.002	228	10:35	0.010	0.010	-
229	10:36	0.002	0.002	229	10:36	0.012	0.011	-
230	10:37	0.002	0.002	230	10:37	0.008	0.010	-
231	10:38	0.000	0.002	231	10:38	0.007	0.010	-
232	10:39	0.000	0.001	232	10:39	0.007	0.010	-
233	10:40	0.000	0.001	233	10:40	0.007	0.010	-
234	10:41	0.001	0.001	234	10:41	0.006	0.010	-
235	10:42	0.002	0.001	235	10:42	0.006	0.010	-
236	10:43	0.000	0.001	236	10:43	0.008	0.009	-
237	10:44	0.000	0.001	237	10:44	0.006	0.009	-
238	10:45	0.000	0.001	238	10:45	0.005	0.009	-
239	10:46	0.000	0.001	239	10:46	0.009	0.009	-
240	10:47	0.000	0.001	240	10:47	0.010	0.008	-
241	10:48	0.002	0.001	241	10:48	0.011	0.008	-
242	10:49	0.002	0.001	242	10:49	0.012	0.008	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
243	10:50	0.002	0.001	243	10:50	0.014	0.009	-
244	10:51	0.002	0.001	244	10:51	0.013	0.009	-
245	10:52	0.002	0.001	245	10:52	0.008	0.009	-
246	10:53	0.001	0.001	246	10:53	0.007	0.009	-
247	10:54	0.001	0.001	247	10:54	0.008	0.009	-
248	10:55	0.000	0.001	248	10:55	0.009	0.009	-
249	10:56	0.000	0.001	249	10:56	0.010	0.009	-
250	10:57	0.000	0.001	250	10:57	0.007	0.009	-
251	10:58	0.000	0.001	251	10:58	0.007	0.009	-
252	10:59	0.000	0.001	252	10:59	0.007	0.009	-
253	11:00	0.000	0.001	253	11:00	0.006	0.009	-
254	11:01	0.000	0.001	254	11:01	0.009	0.009	-
255	11:02	0.000	0.001	255	11:02	0.006	0.009	-
256	11:03	0.000	0.001	256	11:03	0.007	0.009	-
257	11:04	-0.001	0.000	257	11:04	0.029	0.010	-
258	11:05	0.000	0.000	258	11:05	0.012	0.010	-
259	11:06	0.000	0.000	259	11:06	0.006	0.009	-
260	11:07	0.000	0.000	260	11:07	0.009	0.009	-
261	11:08	0.000	0.000	261	11:08	0.007	0.009	-
262	11:09	0.001	0.000	262	11:09	0.012	0.010	-
263	11:10	0.000	0.000	263	11:10	0.012	0.010	-
264	11:11	0.000	0.000	264	11:11	0.019	0.010	-
265	11:12	0.000	0.000	265	11:12	0.008	0.010	-
266	11:13	0.000	0.000	266	11:13	0.005	0.010	-
267	11:14	0.000	0.000	267	11:14	0.006	0.010	-
268	11:15	0.000	0.000	268	11:15	0.006	0.010	-
269	11:16	-0.001	0.000	269	11:16	0.007	0.010	-
270	11:17	0.000	0.000	270	11:17	0.007	0.010	-
271	11:18	0.000	0.000	271	11:18	0.005	0.010	-
272	11:19	0.000	0.000	272	11:19	0.008	0.009	-
273	11:20	0.000	0.000	273	11:20	0.008	0.008	-
274	11:21	-0.001	0.000	274	11:21	0.009	0.009	-
275	11:22	0.000	0.000	275	11:22	0.011	0.009	-
276	11:23	0.000	0.000	276	11:23	0.009	0.009	-
277	11:24	0.000	0.000	277	11:24	0.011	0.009	-
278	11:25	-0.001	0.000	278	11:25	0.008	0.008	-
279	11:26	-0.001	0.000	279	11:26	0.005	0.008	-
280	11:27	-0.001	0.000	280	11:27	0.005	0.007	-
281	11:28	-0.001	0.000	281	11:28	0.008	0.008	-
282	11:29	-0.001	0.000	282	11:29	0.007	0.008	-
283	11:30	-0.001	-0.001	283	11:30	0.010	0.008	-
284	11:31	0.000	0.000	284	11:31	0.012	0.008	-
285	11:32	0.001	0.000	285	11:32	0.010	0.008	-
286	11:33	0.000	0.000	286	11:33	0.007	0.009	-
287	11:34	0.000	0.000	287	11:34	0.017	0.009	-
288	11:35	0.000	0.000	288	11:35	0.031	0.011	-
289	11:36	0.001	0.000	289	11:36	0.030	0.012	-
290	11:37	0.000	0.000	290	11:37	0.021	0.013	-
291	11:38	0.000	0.000	291	11:38	0.012	0.013	-
292	11:39	0.000	0.000	292	11:39	0.009	0.013	-
293	11:40	0.001	0.000	293	11:40	0.017	0.013	-
294	11:41	0.001	0.000	294	11:41	0.007	0.014	-
295	11:42	0.000	0.000	295	11:42	0.007	0.014	-
296	11:43	-0.001	0.000	296	11:43	0.012	0.014	-
297	11:44	-0.001	0.000	297	11:44	0.006	0.014	-
298	11:45	-0.001	0.000	298	11:45	0.006	0.014	-
299	11:46	-0.001	0.000	299	11:46	0.006	0.013	-
300	11:47	0.000	0.000	300	11:47	0.007	0.013	-
301	11:48	0.000	0.000	301	11:48	0.008	0.013	-
302	11:49	0.000	0.000	302	11:49	0.009	0.013	-
303	11:50	0.000	0.000	303	11:50	0.010	0.011	-
304	11:51	0.001	0.000	304	11:51	0.007	0.010	-
305	11:52	0.000	0.000	305	11:52	0.018	0.009	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
306	11:53	0.001	0.000	306	11:53	0.007	0.009	-
307	11:54	0.000	0.000	307	11:54	0.005	0.009	-
308	11:55	-0.001	0.000	308	11:55	0.006	0.008	-
309	11:56	0.000	0.000	309	11:56	0.008	0.008	-
310	11:57	0.002	0.000	310	11:57	0.007	0.008	-
311	11:58	-0.001	0.000	311	11:58	0.005	0.008	-
312	11:59	0.000	0.000	312	11:59	0.005	0.008	-
313	12:00	-0.002	0.000	313	12:00	0.005	0.008	-
314	12:01	0.000	0.000	314	12:01	0.007	0.008	-
315	12:02	0.000	0.000	315	12:02	0.005	0.007	-
316	12:03	0.001	0.000	316	12:03	0.007	0.007	-
317	12:04	0.000	0.000	317	12:04	0.013	0.008	-
318	12:05	0.000	0.000	318	12:05	0.009	0.008	-
319	12:06	0.000	0.000	319	12:06	0.027	0.009	-
320	12:07	0.000	0.000	320	12:07	0.005	0.008	-
321	12:08	0.000	0.000	321	12:08	0.006	0.008	-
322	12:09	0.000	0.000	322	12:09	0.166	0.019	-
323	12:10	0.002	0.000	323	12:10	0.081	0.024	-
324	12:11	0.000	0.000	324	12:11	0.007	0.024	-
325	12:12	0.000	0.000	325	12:12	0.010	0.024	-
326	12:13	0.000	0.000	326	12:13	0.010	0.024	-
327	12:14	0.002	0.000	327	12:14	0.007	0.024	-
328	12:15	-0.001	0.000	328	12:15	0.007	0.024	-
329	12:16	-0.002	0.000	329	12:16	0.007	0.024	-
330	12:17	-0.002	0.000	330	12:17	0.006	0.025	-
331	12:18	-0.002	0.000	331	12:18	0.009	0.025	-
332	12:19	-0.001	0.000	332	12:19	0.007	0.024	-
333	12:20	0.002	0.000	333	12:20	0.008	0.024	-
334	12:21	-0.002	0.000	334	12:21	0.007	0.023	-
335	12:22	-0.003	0.000	335	12:22	0.007	0.023	-
336	12:23	-0.003	-0.001	336	12:23	0.008	0.023	-
337	12:24	-0.001	-0.001	337	12:24	0.007	0.013	-
338	12:25	-0.002	-0.001	338	12:25	0.007	0.008	-
339	12:26	-0.003	-0.001	339	12:26	0.005	0.007	-
340	12:27	-0.003	-0.001	340	12:27	0.005	0.007	-
341	12:28	-0.003	-0.002	341	12:28	0.007	0.007	-
342	12:29	-0.002	-0.002	342	12:29	0.009	0.007	-
343	12:30	-0.001	-0.002	343	12:30	0.008	0.007	-
344	12:31	-0.002	-0.002	344	12:31	0.005	0.007	-
345	12:32	-0.001	-0.002	345	12:32	0.008	0.007	-
346	12:33	0.000	-0.002	346	12:33	0.014	0.007	-
347	12:34	-0.001	-0.002	347	12:34	0.007	0.007	-
348	12:35	0.000	-0.002	348	12:35	0.004	0.007	-
349	12:36	-0.002	-0.002	349	12:36	0.005	0.007	-
350	12:37	-0.002	-0.002	350	12:37	0.006	0.007	-
351	12:38	-0.002	-0.002	351	12:38	0.008	0.007	-
352	12:39	-0.001	-0.002	352	12:39	0.008	0.007	-
353	12:40	-0.002	-0.002	353	12:40	0.007	0.007	-
354	12:41	0.000	-0.001	354	12:41	0.010	0.007	-
355	12:42	0.000	-0.001	355	12:42	0.007	0.008	-
356	12:43	-0.002	-0.001	356	12:43	0.004	0.007	-
357	12:44	-0.002	-0.001	357	12:44	0.007	0.007	-
358	12:45	-0.003	-0.001	358	12:45	0.009	0.007	-
359	12:46	-0.003	-0.001	359	12:46	0.005	0.007	-
360	12:47	-0.002	-0.001	360	12:47	0.005	0.007	-
361	12:48	-0.002	-0.002	361	12:48	0.004	0.006	-
362	12:49	-0.002	-0.002	362	12:49	0.006	0.006	-
363	12:50	-0.001	-0.002	363	12:50	0.010	0.007	-
364	12:51	0.000	-0.002	364	12:51	0.006	0.007	-
365	12:52	-0.003	-0.002	365	12:52	0.005	0.007	-
366	12:53	-0.003	-0.002	366	12:53	0.007	0.007	-
367	12:54	-0.003	-0.002	367	12:54	0.015	0.007	-
368	12:55	-0.003	-0.002	368	12:55	0.015	0.008	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
369	12:56	-0.004	-0.002	369	12:56	0.009	0.008	-
370	12:57	-0.003	-0.002	370	12:57	0.009	0.008	-
371	12:58	-0.003	-0.002	371	12:58	0.007	0.008	-
372	12:59	-0.003	-0.003	372	12:59	0.010	0.008	-
373	13:00	-0.003	-0.003	373	13:00	0.010	0.008	-
374	13:01	-0.001	-0.002	374	13:01	0.009	0.008	-
375	13:02	0.000	-0.002	375	13:02	0.011	0.009	-
376	13:03	-0.001	-0.002	376	13:03	0.008	0.009	-
377	13:04	0.000	-0.002	377	13:04	0.006	0.009	-
378	13:05	-0.002	-0.002	378	13:05	0.006	0.009	-
379	13:06	-0.002	-0.002	379	13:06	0.007	0.009	-
380	13:07	0.000	-0.002	380	13:07	0.009	0.009	-
381	13:08	-0.001	-0.002	381	13:08	0.007	0.009	-
382	13:09	-0.001	-0.002	382	13:09	0.005	0.009	-
383	13:10	-0.002	-0.002	383	13:10	0.007	0.008	-
384	13:11	-0.002	-0.002	384	13:11	0.007	0.008	-
385	13:12	-0.002	-0.002	385	13:12	0.009	0.008	-
386	13:13	-0.001	-0.001	386	13:13	0.009	0.008	-
387	13:14	-0.002	-0.001	387	13:14	0.012	0.008	-
388	13:15	-0.002	-0.001	388	13:15	0.013	0.008	-
389	13:16	0.002	-0.001	389	13:16	0.009	0.008	-
390	13:17	0.002	-0.001	390	13:17	0.018	0.009	-
391	13:18	0.005	-0.001	391	13:18	0.010	0.009	-
392	13:19	0.001	0.000	392	13:19	0.006	0.009	-
393	13:20	-0.001	0.000	393	13:20	0.007	0.009	-
394	13:21	0.000	0.000	394	13:21	0.007	0.009	-
395	13:22	-0.002	0.000	395	13:22	0.007	0.009	-
396	13:23	-0.003	-0.001	396	13:23	0.006	0.009	-
397	13:24	-0.003	-0.001	397	13:24	0.006	0.009	-
398	13:25	-0.003	-0.001	398	13:25	0.006	0.009	-
399	13:26	-0.002	-0.001	399	13:26	0.007	0.009	-
400	13:27	-0.003	-0.001	400	13:27	0.008	0.009	-
401	13:28	-0.002	-0.001	401	13:28	0.006	0.009	-
402	13:29	-0.002	-0.001	402	13:29	0.008	0.008	-
403	13:30	-0.001	-0.001	403	13:30	0.007	0.008	-

Wednesday, March 08, 2017								
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =								0
Number of Comparable Data Points =								384
ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
Average		0.0	ppm	Average		0.0	ppm	
Max 15-Minute Average		0.0	ppm	Max 15-Minute Average		0.0	ppm	
Minimum		0.0	ppm	Minimum		0.0	ppm	
Maximum		0.0	ppm	Maximum		0.0	ppm	
	Time	VOC (ppm)	15-Minute Average		Time	VOC (ppm)	15-Minute Average	Exceeds VOCs Alarm Limits
1	6:48	0.00		1	6:48	0.00		
2	6:49	0.00		2	6:49	0.00		
3	6:50	0.00		3	6:50	0.00		
4	6:51	0.00		4	6:51	0.00		
5	6:52	0.00		5	6:52	0.00		
6	6:53	0.00		6	6:53	0.00		
7	6:54	0.00		7	6:54	0.00		
8	6:55	0.00		8	6:55	0.00		
9	6:56	0.00		9	6:56	0.00		
10	6:57	0.00		10	6:57	0.00		
11	6:58	0.00		11	6:58	0.00		
12	6:59	0.00		12	6:59	0.00		
13	7:00	0.00		13	7:00	0.00		
14	7:01	0.00		14	7:01	0.00		
15	7:02	0.00	0.0	15	7:02	0.00	0.0	-
16	7:03	0.00	0.0	16	7:03	0.00	0.0	-
17	7:04	0.00	0.0	17	7:04	0.00	0.0	-
18	7:05	0.00	0.0	18	7:05	0.00	0.0	-
19	7:06	0.00	0.0	19	7:06	0.00	0.0	-
20	7:07	0.00	0.0	20	7:07	0.00	0.0	-
21	7:08	0.00	0.0	21	7:08	0.00	0.0	-
22	7:09	0.00	0.0	22	7:09	0.00	0.0	-
23	7:10	0.00	0.0	23	7:10	0.00	0.0	-
24	7:11	0.00	0.0	24	7:11	0.00	0.0	-
25	7:12	0.00	0.0	25	7:12	0.00	0.0	-
26	7:13	0.00	0.0	26	7:13	0.00	0.0	-
27	7:14	0.00	0.0	27	7:14	0.00	0.0	-
28	7:15	0.00	0.0	28	7:15	0.00	0.0	-
29	7:16	0.00	0.0	29	7:16	0.00	0.0	-
30	7:17	0.00	0.0	30	7:17	0.00	0.0	-
31	7:18	0.00	0.0	31	7:18	0.00	0.0	-
32	7:19	0.00	0.0	32	7:19	0.00	0.0	-
33	7:20	0.00	0.0	33	7:20	0.00	0.0	-
34	7:21	0.00	0.0	34	7:21	0.00	0.0	-
35	7:22	0.00	0.0	35	7:22	0.00	0.0	-
36	7:23	0.00	0.0	36	7:23	0.00	0.0	-
37	7:24	0.00	0.0	37	7:24	0.00	0.0	-
38	7:25	0.00	0.0	38	7:25	0.00	0.0	-
39	7:26	0.00	0.0	39	7:26	0.00	0.0	-
40	7:27	0.00	0.0	40	7:27	0.00	0.0	-
41	7:28	0.00	0.0	41	7:28	0.00	0.0	-
42	7:29	0.00	0.0	42	7:29	0.00	0.0	-
43	7:30	0.00	0.0	43	7:30	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
44	7:31	0.00	0.0	44	7:31	0.00	0.0	-
45	7:32	0.00	0.0	45	7:32	0.00	0.0	-
46	7:33	0.00	0.0	46	7:33	0.00	0.0	-
47	7:34	0.00	0.0	47	7:34	0.00	0.0	-
48	7:35	0.00	0.0	48	7:35	0.00	0.0	-
49	7:36	0.00	0.0	49	7:36	0.00	0.0	-
50	7:37	0.00	0.0	50	7:37	0.00	0.0	-
51	7:38	0.00	0.0	51	7:38	0.00	0.0	-
52	7:39	0.00	0.0	52	7:39	0.00	0.0	-
53	7:40	0.00	0.0	53	7:40	0.00	0.0	-
54	7:41	0.00	0.0	54	7:41	0.00	0.0	-
55	7:42	0.00	0.0	55	7:42	0.00	0.0	-
56	7:43	0.00	0.0	56	7:43	0.00	0.0	-
57	7:44	0.00	0.0	57	7:44	0.00	0.0	-
58	7:45	0.00	0.0	58	7:45	0.00	0.0	-
59	7:46	0.00	0.0	59	7:46	0.00	0.0	-
60	7:47	0.00	0.0	60	7:47	0.00	0.0	-
61	7:48	0.00	0.0	61	7:48	0.00	0.0	-
62	7:49	0.00	0.0	62	7:49	0.00	0.0	-
63	7:50	0.00	0.0	63	7:50	0.00	0.0	-
64	7:51	0.00	0.0	64	7:51	0.00	0.0	-
65	7:52	0.00	0.0	65	7:52	0.00	0.0	-
66	7:53	0.00	0.0	66	7:53	0.00	0.0	-
67	7:54	0.00	0.0	67	7:54	0.00	0.0	-
68	7:55	0.00	0.0	68	7:55	0.00	0.0	-
69	7:56	0.00	0.0	69	7:56	0.00	0.0	-
70	7:57	0.00	0.0	70	7:57	0.00	0.0	-
71	7:58	0.00	0.0	71	7:58	0.00	0.0	-
72	7:59	0.00	0.0	72	7:59	0.00	0.0	-
73	8:00	0.00	0.0	73	8:00	0.00	0.0	-
74	8:01	0.00	0.0	74	8:01	0.00	0.0	-
75	8:02	0.00	0.0	75	8:02	0.00	0.0	-
76	8:03	0.00	0.0	76	8:03	0.00	0.0	-
77	8:04	0.00	0.0	77	8:04	0.00	0.0	-
78	8:05	0.00	0.0	78	8:05	0.00	0.0	-
79	8:06	0.00	0.0	79	8:06	0.00	0.0	-
80	8:07	0.00	0.0	80	8:07	0.00	0.0	-
81	8:08	0.00	0.0	81	8:08	0.00	0.0	-
82	8:09	0.00	0.0	82	8:09	0.00	0.0	-
83	8:10	0.00	0.0	83	8:10	0.00	0.0	-
84	8:11	0.00	0.0	84	8:11	0.00	0.0	-
85	8:12	0.00	0.0	85	8:12	0.00	0.0	-
86	8:13	0.00	0.0	86	8:13	0.00	0.0	-
87	8:14	0.00	0.0	87	8:14	0.00	0.0	-
88	8:15	0.00	0.0	88	8:15	0.00	0.0	-
89	8:16	0.00	0.0	89	8:16	0.00	0.0	-
90	8:17	0.00	0.0	90	8:17	0.00	0.0	-
91	8:18	0.00	0.0	91	8:18	0.00	0.0	-
92	8:19	0.00	0.0	92	8:19	0.00	0.0	-
93	8:20	0.00	0.0	93	8:20	0.00	0.0	-
94	8:21	0.00	0.0	94	8:21	0.00	0.0	-
95	8:22	0.00	0.0	95	8:22	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
96	8:23	0.00	0.0	96	8:23	0.00	0.0	-
97	8:24	0.00	0.0	97	8:24	0.00	0.0	-
98	8:25	0.00	0.0	98	8:25	0.00	0.0	-
99	8:26	0.00	0.0	99	8:26	0.00	0.0	-
100	8:27	0.00	0.0	100	8:27	0.00	0.0	-
101	8:28	0.00	0.0	101	8:28	0.00	0.0	-
102	8:29	0.00	0.0	102	8:29	0.00	0.0	-
103	8:30	0.00	0.0	103	8:30	0.00	0.0	-
104	8:31	0.00	0.0	104	8:31	0.00	0.0	-
105	8:32	0.00	0.0	105	8:32	0.00	0.0	-
106	8:33	0.00	0.0	106	8:33	0.00	0.0	-
107	8:34	0.00	0.0	107	8:34	0.00	0.0	-
108	8:35	0.00	0.0	108	8:35	0.00	0.0	-
109	8:36	0.00	0.0	109	8:36	0.00	0.0	-
110	8:37	0.00	0.0	110	8:37	0.00	0.0	-
111	8:38	0.00	0.0	111	8:38	0.00	0.0	-
112	8:39	0.00	0.0	112	8:39	0.00	0.0	-
113	8:40	0.00	0.0	113	8:40	0.00	0.0	-
114	8:41	0.00	0.0	114	8:41	0.00	0.0	-
115	8:42	0.00	0.0	115	8:42	0.00	0.0	-
116	8:43	0.00	0.0	116	8:43	0.00	0.0	-
117	8:44	0.00	0.0	117	8:44	0.00	0.0	-
118	8:45	0.00	0.0	118	8:45	0.00	0.0	-
119	8:46	0.00	0.0	119	8:46	0.00	0.0	-
120	8:47	0.00	0.0	120	8:47	0.00	0.0	-
121	8:48	0.00	0.0	121	8:48	0.00	0.0	-
122	8:49	0.00	0.0	122	8:49	0.00	0.0	-
123	8:50	0.00	0.0	123	8:50	0.00	0.0	-
124	8:51	0.00	0.0	124	8:51	0.00	0.0	-
125	8:52	0.00	0.0	125	8:52	0.00	0.0	-
126	8:53	0.00	0.0	126	8:53	0.00	0.0	-
127	8:54	0.00	0.0	127	8:54	0.00	0.0	-
128	8:55	0.00	0.0	128	8:55	0.00	0.0	-
129	8:56	0.00	0.0	129	8:56	0.00	0.0	-
130	8:57	0.00	0.0	130	8:57	0.00	0.0	-
131	8:58	0.00	0.0	131	8:58	0.00	0.0	-
132	8:59	0.00	0.0	132	8:59	0.00	0.0	-
133	9:00	0.00	0.0	133	9:00	0.00	0.0	-
134	9:01	0.00	0.0	134	9:01	0.00	0.0	-
135	9:02	0.00	0.0	135	9:02	0.00	0.0	-
136	9:03	0.00	0.0	136	9:03	0.00	0.0	-
137	9:04	0.00	0.0	137	9:04	0.00	0.0	-
138	9:05	0.00	0.0	138	9:05	0.00	0.0	-
139	9:06	0.00	0.0	139	9:06	0.00	0.0	-
140	9:07	0.00	0.0	140	9:07	0.00	0.0	-
141	9:08	0.00	0.0	141	9:08	0.00	0.0	-
142	9:09	0.00	0.0	142	9:09	0.00	0.0	-
143	9:10	0.00	0.0	143	9:10	0.00	0.0	-
144	9:11	0.00	0.0	144	9:11	0.00	0.0	-
145	9:12	0.00	0.0	145	9:12	0.00	0.0	-
146	9:13	0.00	0.0	146	9:13	0.00	0.0	-
147	9:14	0.00	0.0	147	9:14	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
148	9:15	0.00	0.0	148	9:15	0.00	0.0	-
149	9:16	0.00	0.0	149	9:16	0.00	0.0	-
150	9:17	0.00	0.0	150	9:17	0.00	0.0	-
151	9:18	0.00	0.0	151	9:18	0.00	0.0	-
152	9:19	0.00	0.0	152	9:19	0.00	0.0	-
153	9:20	0.00	0.0	153	9:20	0.00	0.0	-
154	9:21	0.00	0.0	154	9:21	0.00	0.0	-
155	9:22	0.00	0.0	155	9:22	0.00	0.0	-
156	9:23	0.00	0.0	156	9:23	0.00	0.0	-
157	9:24	0.00	0.0	157	9:24	0.00	0.0	-
158	9:25	0.00	0.0	158	9:25	0.00	0.0	-
159	9:26	0.00	0.0	159	9:26	0.00	0.0	-
160	9:27	0.00	0.0	160	9:27	0.00	0.0	-
161	9:28	0.00	0.0	161	9:28	0.00	0.0	-
162	9:29	0.00	0.0	162	9:29	0.00	0.0	-
163	9:30	0.00	0.0	163	9:30	0.00	0.0	-
164	9:31	0.00	0.0	164	9:31	0.00	0.0	-
165	9:32	0.00	0.0	165	9:32	0.00	0.0	-
166	9:33	0.00	0.0	166	9:33	0.00	0.0	-
167	9:34	0.00	0.0	167	9:34	0.00	0.0	-
168	9:35	0.00	0.0	168	9:35	0.00	0.0	-
169	9:36	0.00	0.0	169	9:36	0.00	0.0	-
170	9:37	0.00	0.0	170	9:37	0.00	0.0	-
171	9:38	0.00	0.0	171	9:38	0.00	0.0	-
172	9:39	0.00	0.0	172	9:39	0.00	0.0	-
173	9:40	0.00	0.0	173	9:40	0.00	0.0	-
174	9:41	0.00	0.0	174	9:41	0.00	0.0	-
175	9:42	0.00	0.0	175	9:42	0.00	0.0	-
176	9:43	0.00	0.0	176	9:43	0.00	0.0	-
177	9:44	0.00	0.0	177	9:44	0.00	0.0	-
178	9:45	0.00	0.0	178	9:45	0.00	0.0	-
179	9:46	0.00	0.0	179	9:46	0.00	0.0	-
180	9:47	0.00	0.0	180	9:47	0.00	0.0	-
181	9:48	0.00	0.0	181	9:48	0.00	0.0	-
182	9:49	0.00	0.0	182	9:49	0.00	0.0	-
183	9:50	0.00	0.0	183	9:50	0.00	0.0	-
184	9:51	0.00	0.0	184	9:51	0.00	0.0	-
185	9:52	0.00	0.0	185	9:52	0.00	0.0	-
186	9:53	0.00	0.0	186	9:53	0.00	0.0	-
187	9:54	0.00	0.0	187	9:54	0.00	0.0	-
188	9:55	0.00	0.0	188	9:55	0.00	0.0	-
189	9:56	0.00	0.0	189	9:56	0.00	0.0	-
190	9:57	0.00	0.0	190	9:57	0.00	0.0	-
191	9:58	0.00	0.0	191	9:58	0.00	0.0	-
192	9:59	0.00	0.0	192	9:59	0.00	0.0	-
193	10:00	0.00	0.0	193	10:00	0.00	0.0	-
194	10:01	0.00	0.0	194	10:01	0.00	0.0	-
195	10:02	0.00	0.0	195	10:02	0.00	0.0	-
196	10:03	0.00	0.0	196	10:03	0.00	0.0	-
197	10:04	0.00	0.0	197	10:04	0.00	0.0	-
198	10:05	0.00	0.0	198	10:05	0.00	0.0	-
199	10:06	0.00	0.0	199	10:06	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
200	10:07	0.00	0.0	200	10:07	0.00	0.0	-
201	10:08	0.00	0.0	201	10:08	0.00	0.0	-
202	10:09	0.00	0.0	202	10:09	0.00	0.0	-
203	10:10	0.00	0.0	203	10:10	0.00	0.0	-
204	10:11	0.00	0.0	204	10:11	0.00	0.0	-
205	10:12	0.00	0.0	205	10:12	0.00	0.0	-
206	10:13	0.00	0.0	206	10:13	0.00	0.0	-
207	10:14	0.00	0.0	207	10:14	0.00	0.0	-
208	10:15	0.00	0.0	208	10:15	0.00	0.0	-
209	10:16	0.00	0.0	209	10:16	0.00	0.0	-
210	10:17	0.00	0.0	210	10:17	0.00	0.0	-
211	10:18	0.00	0.0	211	10:18	0.00	0.0	-
212	10:19	0.00	0.0	212	10:19	0.00	0.0	-
213	10:20	0.00	0.0	213	10:20	0.00	0.0	-
214	10:21	0.00	0.0	214	10:21	0.00	0.0	-
215	10:22	0.00	0.0	215	10:22	0.00	0.0	-
216	10:23	0.00	0.0	216	10:23	0.00	0.0	-
217	10:24	0.00	0.0	217	10:24	0.00	0.0	-
218	10:25	0.00	0.0	218	10:25	0.00	0.0	-
219	10:26	0.00	0.0	219	10:26	0.00	0.0	-
220	10:27	0.00	0.0	220	10:27	0.00	0.0	-
221	10:28	0.00	0.0	221	10:28	0.00	0.0	-
222	10:29	0.00	0.0	222	10:29	0.00	0.0	-
223	10:30	0.00	0.0	223	10:30	0.00	0.0	-
224	10:31	0.00	0.0	224	10:31	0.00	0.0	-
225	10:32	0.00	0.0	225	10:32	0.00	0.0	-
226	10:33	0.00	0.0	226	10:33	0.00	0.0	-
227	10:34	0.00	0.0	227	10:34	0.00	0.0	-
228	10:35	0.00	0.0	228	10:35	0.00	0.0	-
229	10:36	0.00	0.0	229	10:36	0.00	0.0	-
230	10:37	0.00	0.0	230	10:37	0.00	0.0	-
231	10:38	0.00	0.0	231	10:38	0.00	0.0	-
232	10:39	0.00	0.0	232	10:39	0.00	0.0	-
233	10:40	0.00	0.0	233	10:40	0.00	0.0	-
234	10:41	0.00	0.0	234	10:41	0.00	0.0	-
235	10:42	0.00	0.0	235	10:42	0.00	0.0	-
236	10:43	0.00	0.0	236	10:43	0.00	0.0	-
237	10:44	0.00	0.0	237	10:44	0.00	0.0	-
238	10:45	0.00	0.0	238	10:45	0.00	0.0	-
239	10:46	0.00	0.0	239	10:46	0.00	0.0	-
240	10:47	0.00	0.0	240	10:47	0.00	0.0	-
241	10:48	0.00	0.0	241	10:48	0.00	0.0	-
242	10:49	0.00	0.0	242	10:49	0.00	0.0	-
243	10:50	0.00	0.0	243	10:50	0.00	0.0	-
244	10:51	0.00	0.0	244	10:51	0.00	0.0	-
245	10:52	0.00	0.0	245	10:52	0.00	0.0	-
246	10:53	0.00	0.0	246	10:53	0.00	0.0	-
247	10:54	0.00	0.0	247	10:54	0.00	0.0	-
248	10:55	0.00	0.0	248	10:55	0.00	0.0	-
249	10:56	0.00	0.0	249	10:56	0.00	0.0	-
250	10:57	0.00	0.0	250	10:57	0.00	0.0	-
251	10:58	0.00	0.0	251	10:58	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
252	10:59	0.00	0.0	252	10:59	0.00	0.0	-
253	11:00	0.00	0.0	253	11:00	0.00	0.0	-
254	11:01	0.00	0.0	254	11:01	0.00	0.0	-
255	11:02	0.00	0.0	255	11:02	0.00	0.0	-
256	11:03	0.00	0.0	256	11:03	0.00	0.0	-
257	11:04	0.00	0.0	257	11:04	0.00	0.0	-
258	11:05	0.00	0.0	258	11:05	0.00	0.0	-
259	11:06	0.00	0.0	259	11:06	0.00	0.0	-
260	11:07	0.00	0.0	260	11:07	0.00	0.0	-
261	11:08	0.00	0.0	261	11:08	0.00	0.0	-
262	11:09	0.00	0.0	262	11:09	0.00	0.0	-
263	11:10	0.00	0.0	263	11:10	0.00	0.0	-
264	11:11	0.00	0.0	264	11:11	0.00	0.0	-
265	11:12	0.00	0.0	265	11:12	0.00	0.0	-
266	11:13	0.00	0.0	266	11:13	0.00	0.0	-
267	11:14	0.00	0.0	267	11:14	0.00	0.0	-
268	11:15	0.00	0.0	268	11:15	0.00	0.0	-
269	11:16	0.00	0.0	269	11:16	0.00	0.0	-
270	11:17	0.00	0.0	270	11:17	0.00	0.0	-
271	11:18	0.00	0.0	271	11:18	0.00	0.0	-
272	11:19	0.00	0.0	272	11:19	0.00	0.0	-
273	11:20	0.00	0.0	273	11:20	0.00	0.0	-
274	11:21	0.00	0.0	274	11:21	0.00	0.0	-
275	11:22	0.00	0.0	275	11:22	0.00	0.0	-
276	11:23	0.00	0.0	276	11:23	0.00	0.0	-
277	11:24	0.00	0.0	277	11:24	0.00	0.0	-
278	11:25	0.00	0.0	278	11:25	0.00	0.0	-
279	11:26	0.00	0.0	279	11:26	0.00	0.0	-
280	11:27	0.00	0.0	280	11:27	0.00	0.0	-
281	11:28	0.00	0.0	281	11:28	0.00	0.0	-
282	11:29	0.00	0.0	282	11:29	0.00	0.0	-
283	11:30	0.00	0.0	283	11:30	0.00	0.0	-
284	11:31	0.00	0.0	284	11:31	0.00	0.0	-
285	11:32	0.00	0.0	285	11:32	0.00	0.0	-
286	11:33	0.00	0.0	286	11:33	0.00	0.0	-
287	11:34	0.00	0.0	287	11:34	0.00	0.0	-
288	11:35	0.00	0.0	288	11:35	0.00	0.0	-
289	11:36	0.00	0.0	289	11:36	0.00	0.0	-
290	11:37	0.00	0.0	290	11:37	0.00	0.0	-
291	11:38	0.00	0.0	291	11:38	0.00	0.0	-
292	11:39	0.00	0.0	292	11:39	0.00	0.0	-
293	11:40	0.00	0.0	293	11:40	0.00	0.0	-
294	11:41	0.00	0.0	294	11:41	0.00	0.0	-
295	11:42	0.00	0.0	295	11:42	0.00	0.0	-
296	11:43	0.00	0.0	296	11:43	0.00	0.0	-
297	11:44	0.00	0.0	297	11:44	0.00	0.0	-
298	11:45	0.00	0.0	298	11:45	0.00	0.0	-
299	11:46	0.00	0.0	299	11:46	0.00	0.0	-
300	11:47	0.00	0.0	300	11:47	0.00	0.0	-
301	11:48	0.00	0.0	301	11:48	0.00	0.0	-
302	11:49	0.00	0.0	302	11:49	0.00	0.0	-
303	11:50	0.00	0.0	303	11:50	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
304	11:51	0.00	0.0	304	11:51	0.00	0.0	-
305	11:52	0.00	0.0	305	11:52	0.00	0.0	-
306	11:53	0.00	0.0	306	11:53	0.00	0.0	-
307	11:54	0.00	0.0	307	11:54	0.00	0.0	-
308	11:55	0.00	0.0	308	11:55	0.00	0.0	-
309	11:56	0.00	0.0	309	11:56	0.00	0.0	-
310	11:57	0.00	0.0	310	11:57	0.00	0.0	-
311	11:58	0.00	0.0	311	11:58	0.00	0.0	-
312	11:59	0.00	0.0	312	11:59	0.00	0.0	-
313	12:00	0.00	0.0	313	12:00	0.00	0.0	-
314	12:01	0.00	0.0	314	12:01	0.00	0.0	-
315	12:02	0.00	0.0	315	12:02	0.00	0.0	-
316	12:03	0.00	0.0	316	12:03	0.00	0.0	-
317	12:04	0.00	0.0	317	12:04	0.00	0.0	-
318	12:05	0.00	0.0	318	12:05	0.00	0.0	-
319	12:06	0.00	0.0	319	12:06	0.00	0.0	-
320	12:07	0.00	0.0	320	12:07	0.00	0.0	-
321	12:08	0.00	0.0	321	12:08	0.00	0.0	-
322	12:09	0.00	0.0	322	12:09	0.00	0.0	-
323	12:10	0.00	0.0	323	12:10	0.00	0.0	-
324	12:11	0.00	0.0	324	12:11	0.00	0.0	-
325	12:12	0.00	0.0	325	12:12	0.00	0.0	-
326	12:13	0.00	0.0	326	12:13	0.00	0.0	-
327	12:14	0.00	0.0	327	12:14	0.00	0.0	-
328	12:15	0.00	0.0	328	12:15	0.00	0.0	-
329	12:16	0.00	0.0	329	12:16	0.00	0.0	-
330	12:17	0.00	0.0	330	12:17	0.00	0.0	-
331	12:18	0.00	0.0	331	12:18	0.00	0.0	-
332	12:19	0.00	0.0	332	12:19	0.00	0.0	-
333	12:20	0.00	0.0	333	12:20	0.00	0.0	-
334	12:21	0.00	0.0	334	12:21	0.00	0.0	-
335	12:22	0.00	0.0	335	12:22	0.00	0.0	-
336	12:23	0.00	0.0	336	12:23	0.00	0.0	-
337	12:24	0.00	0.0	337	12:24	0.00	0.0	-
338	12:25	0.00	0.0	338	12:25	0.00	0.0	-
339	12:26	0.00	0.0	339	12:26	0.00	0.0	-
340	12:27	0.00	0.0	340	12:27	0.00	0.0	-
341	12:28	0.00	0.0	341	12:28	0.00	0.0	-
342	12:29	0.00	0.0	342	12:29	0.00	0.0	-
343	12:30	0.00	0.0	343	12:30	0.00	0.0	-
344	12:31	0.00	0.0	344	12:31	0.00	0.0	-
345	12:32	0.00	0.0	345	12:32	0.00	0.0	-
346	12:33	0.00	0.0	346	12:33	0.00	0.0	-
347	12:34	0.00	0.0	347	12:34	0.00	0.0	-
348	12:35	0.00	0.0	348	12:35	0.00	0.0	-
349	12:36	0.00	0.0	349	12:36	0.00	0.0	-
350	12:37	0.00	0.0	350	12:37	0.00	0.0	-
351	12:38	0.00	0.0	351	12:38	0.00	0.0	-
352	12:39	0.00	0.0	352	12:39	0.00	0.0	-
353	12:40	0.00	0.0	353	12:40	0.00	0.0	-
354	12:41	0.00	0.0	354	12:41	0.00	0.0	-
355	12:42	0.00	0.0	355	12:42	0.00	0.0	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
356	12:43	0.00	0.0	356	12:43	0.00	0.0	-
357	12:44	0.00	0.0	357	12:44	0.00	0.0	-
358	12:45	0.00	0.0	358	12:45	0.00	0.0	-
359	12:46	0.00	0.0	359	12:46	0.00	0.0	-
360	12:47	0.00	0.0	360	12:47	0.00	0.0	-
361	12:48	0.00	0.0	361	12:48	0.00	0.0	-
362	12:49	0.00	0.0	362	12:49	0.00	0.0	-
363	12:50	0.00	0.0	363	12:50	0.00	0.0	-
364	12:51	0.00	0.0	364	12:51	0.00	0.0	-
365	12:52	0.00	0.0	365	12:52	0.00	0.0	-
366	12:53	0.00	0.0	366	12:53	0.00	0.0	-
367	12:54	0.00	0.0	367	12:54	0.00	0.0	-
368	12:55	0.00	0.0	368	12:55	0.00	0.0	-
369	12:56	0.00	0.0	369	12:56	0.00	0.0	-
370	12:57	0.00	0.0	370	12:57	0.00	0.0	-
371	12:58	0.00	0.0	371	12:58	0.00	0.0	-
372	12:59	0.00	0.0	372	12:59	0.00	0.0	-
373	13:00	0.00	0.0	373	13:00	0.00	0.0	-
374	13:01	0.00	0.0	374	13:01	0.00	0.0	-
375	13:02	0.00	0.0	375	13:02	0.00	0.0	-
376	13:03	0.00	0.0	376	13:03	0.00	0.0	-
377	13:04	0.00	0.0	377	13:04	0.00	0.0	-
378	13:05	0.00	0.0	378	13:05	0.00	0.0	-
379	13:06	0.00	0.0	379	13:06	0.00	0.0	-
380	13:07	0.00	0.0	380	13:07	0.00	0.0	-
381	13:08	0.00	0.0	381	13:08	0.00	0.0	-
382	13:09	0.00	0.0	382	13:09	0.00	0.0	-
383	13:10	0.00	0.0	383	13:10	0.00	0.0	-
384	13:11	0.00	0.0	384	13:11	0.00	0.0	-
385	13:12	0.00	0.0	385	13:12	0.00	0.0	-
386	13:13	0.00	0.0	386	13:13	0.00	0.0	-
387	13:14	0.00	0.0	387	13:14	0.00	0.0	-
388	13:15	0.00	0.0	388	13:15	0.00	0.0	-
389	13:16	0.00	0.0	389	13:16	0.00	0.0	-
390	13:17	0.00	0.0	390	13:17	0.00	0.0	-
391	13:18	0.00	0.0	391	13:18	0.00	0.0	-
392	13:19	0.00	0.0	392	13:19	0.00	0.0	-
393	13:20	0.00	0.0	393	13:20	0.00	0.0	-
394	13:21	0.00	0.0	394	13:21	0.00	0.0	-
395	13:22	0.00	0.0	395	13:22	0.00	0.0	-
396	13:23	0.00	0.0	396	13:23	0.00	0.0	-
397	13:24	0.00	0.0	397	13:24	0.00	0.0	-
398	13:25	0.00	0.0	398	13:25	0.00	0.0	-
399	13:26	0.00	0.0	399	13:26	0.00	0.0	-
400	13:27	0.00	0.0	400	13:27	0.00	0.0	-
401	13:28	0.00	0.0	401	13:28	0.00	0.0	-
402	13:29	0.00	0.0	402	13:29	0.00	0.0	-
403	13:30	0.00	0.0	403	13:30	0.00	0.0	-
404	13:31	0.00	0.0	404	13:31	0.00	0.0	-
405	13:32	0.00	0.0	405	13:32	0.00	0.0	-

Wednesday, March 29, 2017								
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 =								0
Number of Comparable Data Points =								289
PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
Average		0.013	mg/m^3	Average		0.000	mg/m^3	
Max 15-Minute Average		0.021	mg/m^3	Max 15-Minute Average		0.004	mg/m^3	
Minimum		0.000	mg/m^3	Minimum		-0.004	mg/m^3	
Maximum		0.058	mg/m^3	Maximum		0.007	mg/m^3	
	Time	**Concentration (mg/m^3)**	**15-Minute Average**		**Time**	**Concentration (mg/m^3)**	**15-Minute Average**	**Exceeds Particulate Alarm Limits**
1	6:26	0.022						
2	6:27	0.007						
3	6:28	0.007						
4	6:29	0.007						
5	6:30	0.007						
6	6:31	0.007						
7	6:32	0.011						
8	6:33	0.009						
9	6:34	0.011						
10	6:35	0.011		1	6:35	0.007		
11	6:36	0.008		2	6:36	0.006		
12	6:37	0.010		3	6:37	0.006		
13	6:38	0.009		4	6:38	0.006		
14	6:39	0.010		5	6:39	0.005		-
15	6:40	0.010	0.010	6	6:40	0.005		-
16	6:41	0.010	0.009	7	6:41	0.004		-
17	6:42	0.012	0.009	8	6:42	0.004		-
18	6:43	0.023	0.010	9	6:43	0.003		-
19	6:44	0.030	0.012	10	6:44	0.003		-
20	6:45	0.019	0.013	11	6:45	0.004		-
21	6:46	0.011	0.013	12	6:46	0.003		-
22	6:47	0.012	0.013	13	6:47	0.004		-
23	6:48	0.011	0.013	14	6:48	0.004		-
24	6:49	0.011	0.013	15	6:49	0.003	0.004	-
25	6:50	0.009	0.013	16	6:50	0.004	0.004	-
26	6:51	0.012	0.013	17	6:51	0.004	0.004	-
27	6:52	0.010	0.013	18	6:52	0.004	0.004	-
28	6:53	0.009	0.013	19	6:53	0.004	0.004	-
29	6:54	0.009	0.013	20	6:54	0.004	0.004	-
30	6:55	0.009	0.013	21	6:55	0.004	0.004	-
31	6:56	0.010	0.013	22	6:56	0.004	0.004	-
32	6:57	0.012	0.013	23	6:57	0.004	0.004	-
33	6:58	0.016	0.013	24	6:58	0.004	0.004	-
34	6:59	0.017	0.012	25	6:59	0.003	0.004	-
35	7:00	0.015	0.012	26	7:00	0.003	0.004	-
36	7:01	0.012	0.012	27	7:01	0.003	0.004	-
37	7:02	0.014	0.012	28	7:02	0.003	0.004	-
38	7:03	0.014	0.012	29	7:03	0.003	0.004	-
39	7:04	0.016	0.012	30	7:04	0.003	0.004	-
40	7:05	0.014	0.013	31	7:05	0.003	0.004	-
41	7:06	0.018	0.013	32	7:06	0.003	0.003	-
42	7:07	0.014	0.013	33	7:07	0.003	0.003	-
43	7:08	0.013	0.014	34	7:08	0.003	0.003	-
44	7:09	0.014	0.014	35	7:09	0.003	0.003	-
45	7:10	0.011	0.014	36	7:10	0.003	0.003	-
46	7:11	0.013	0.014	37	7:11	0.004	0.003	-
47	7:12	0.015	0.014	38	7:12	0.004	0.003	-
48	7:13	0.011	0.014	39	7:13	0.004	0.003	-
49	7:14	0.016	0.014	40	7:14	0.003	0.003	-
50	7:15	0.018	0.014	41	7:15	0.003	0.003	-
51	7:16	0.016	0.014	42	7:16	0.003	0.003	-
52	7:17	0.013	0.014	43	7:17	0.003	0.003	-
53	7:18	0.015	0.014	44	7:18	0.003	0.003	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
54	7:19	0.016	0.014	45	7:19	0.003	0.003	-
55	7:20	0.014	0.014	46	7:20	0.003	0.003	-
56	7:21	0.016	0.014	47	7:21	0.003	0.003	-
57	7:22	0.011	0.014	48	7:22	0.003	0.003	-
58	7:23	0.014	0.014	49	7:23	0.003	0.003	-
59	7:24	0.013	0.014	50	7:24	0.003	0.003	-
60	7:25	0.016	0.014	51	7:25	0.003	0.003	-
61	7:26	0.016	0.015	52	7:26	0.003	0.003	-
62	7:27	0.014	0.015	53	7:27	0.003	0.003	-
63	7:28	0.027	0.016	54	7:28	0.003	0.003	-
64	7:29	0.018	0.016	55	7:29	0.003	0.003	-
65	7:30	0.011	0.015	56	7:30	0.003	0.003	-
66	7:31	0.013	0.015	57	7:31	0.003	0.003	-
67	7:32	0.014	0.015	58	7:32	0.002	0.003	-
68	7:33	0.017	0.015	59	7:33	0.002	0.003	-
69	7:34	0.008	0.015	60	7:34	0.002	0.003	-
70	7:35	0.017	0.015	61	7:35	0.002	0.003	-
71	7:36	0.014	0.015	62	7:36	0.002	0.003	-
72	7:37	0.011	0.015	63	7:37	0.003	0.003	-
73	7:38	0.010	0.015	64	7:38	0.002	0.003	-
74	7:39	0.012	0.015	65	7:39	0.002	0.003	-
75	7:40	0.014	0.014	66	7:40	0.002	0.002	-
76	7:41	0.015	0.014	67	7:41	0.002	0.002	-
77	7:42	0.010	0.014	68	7:42	0.002	0.002	-
78	7:43	0.010	0.013	69	7:43	0.002	0.002	-
79	7:44	0.009	0.012	70	7:44	0.002	0.002	-
80	7:45	0.013	0.012	71	7:45	0.002	0.002	-
81	7:46	0.012	0.012	72	7:46	0.002	0.002	-
82	7:47	0.014	0.012	73	7:47	0.002	0.002	-
83	7:48	0.012	0.012	74	7:48	0.002	0.002	-
84	7:49	0.013	0.012	75	7:49	0.002	0.002	-
85	7:50	0.013	0.012	76	7:50	0.002	0.002	-
86	7:51	0.010	0.012	77	7:51	0.002	0.002	-
87	7:52	0.015	0.012	78	7:52	0.002	0.002	-
88	7:53	0.011	0.012	79	7:53	0.002	0.002	-
89	7:54	0.011	0.012	80	7:54	0.002	0.002	-
90	7:55	0.013	0.012	81	7:55	0.000	0.002	-
91	7:56	0.020	0.012	82	7:56	0.003	0.002	-
92	7:57	0.015	0.013	83	7:57	0.003	0.002	-
93	7:58	0.016	0.013	84	7:58	0.002	0.002	-
94	7:59	0.015	0.014	85	7:59	0.002	0.002	-
95	8:00	0.013	0.014	86	8:00	0.001	0.002	-
96	8:01	0.013	0.014	87	8:01	0.001	0.002	-
97	8:02	0.014	0.014	88	8:02	0.001	0.002	-
98	8:03	0.014	0.014	89	8:03	0.001	0.002	-
99	8:04	0.011	0.014	90	8:04	0.001	0.002	-
100	8:05	0.012	0.014	91	8:05	0.001	0.002	-
101	8:06	0.016	0.014	92	8:06	0.000	0.001	-
102	8:07	0.013	0.014	93	8:07	0.000	0.001	-
103	8:08	0.013	0.014	94	8:08	0.000	0.001	-
104	8:09	0.012	0.014	95	8:09	0.000	0.001	-
105	8:10	0.010	0.014	96	8:10	0.000	0.001	-
106	8:11	0.008	0.013	97	8:11	0.000	0.001	-
107	8:12	0.010	0.013	98	8:12	0.000	0.001	-
108	8:13	0.008	0.012	99	8:13	0.000	0.001	-
109	8:14	0.008	0.012	100	8:14	0.000	0.000	-
110	8:15	0.014	0.012	101	8:15	0.000	0.000	-
111	8:16	0.024	0.012	102	8:16	0.000	0.000	-
112	8:17	0.014	0.012	103	8:17	0.000	0.000	-
113	8:18	0.018	0.013	104	8:18	0.000	0.000	-
114	8:19	0.023	0.014	105	8:19	0.000	0.000	-
115	8:20	0.016	0.014	106	8:20	0.000	0.000	-
116	8:21	0.017	0.014	107	8:21	0.000	0.000	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
117	8:22	0.018	0.014	108	8:22	0.000	0.000	-
118	8:23	0.015	0.014	109	8:23	0.000	0.000	-
119	8:24	0.015	0.015	110	8:24	0.000	0.000	-
120	8:25	0.016	0.015	111	8:25	0.000	0.000	-
121	8:26	0.017	0.016	112	8:26	0.000	0.000	-
122	8:27	0.012	0.016	113	8:27	0.000	0.000	-
123	8:28	0.012	0.016	114	8:28	0.000	0.000	-
124	8:29	0.011	0.016	115	8:29	0.000	0.000	-
125	8:30	0.017	0.016	116	8:30	0.000	0.000	-
126	8:31	0.015	0.016	117	8:31	0.000	0.000	-
127	8:32	0.014	0.016	118	8:32	0.000	0.000	-
128	8:33	0.020	0.016	119	8:33	0.000	0.000	-
129	8:34	0.019	0.016	120	8:34	0.000	0.000	-
130	8:35	0.014	0.015	121	8:35	0.000	0.000	-
131	8:36	0.015	0.015	122	8:36	0.000	0.000	-
132	8:37	0.018	0.015	123	8:37	0.000	0.000	-
133	8:38	0.015	0.015	124	8:38	0.000	0.000	-
134	8:39	0.023	0.016	125	8:39	0.000	0.000	-
135	8:40	0.018	0.016	126	8:40	0.000	0.000	-
136	8:41	0.017	0.016	127	8:41	0.000	0.000	-
137	8:42	0.025	0.017	128	8:42	0.000	0.000	-
138	8:43	0.015	0.017	129	8:43	0.000	0.000	-
139	8:44	0.018	0.018	130	8:44	0.000	0.000	-
140	8:45	0.020	0.018	131	8:45	0.000	0.000	-
141	8:46	0.019	0.018	132	8:46	0.000	0.000	-
142	8:47	0.028	0.019	133	8:47	0.000	0.000	-
143	8:48	0.017	0.019	134	8:48	0.000	0.000	-
144	8:49	0.011	0.018	135	8:49	0.000	0.000	-
145	8:50	0.019	0.019	136	8:50	0.000	0.000	-
146	8:51	0.018	0.019	137	8:51	0.000	0.000	-
147	8:52	0.022	0.019	138	8:52	0.000	0.000	-
148	8:53	0.018	0.019	139	8:53	0.000	0.000	-
149	8:54	0.026	0.019	140	8:54	0.000	0.000	-
150	8:55	0.036	0.021	141	8:55	0.000	0.000	-
151	8:56	0.019	0.021	142	8:56	0.000	0.000	-
152	8:57	0.020	0.020	143	8:57	0.000	0.000	-
153	8:58	0.021	0.021	144	8:58	0.000	0.000	-
154	8:59	0.019	0.021	145	8:59	0.000	0.000	-
155	9:00	0.014	0.020	146	9:00	0.000	0.000	-
156	9:01	0.015	0.020	147	9:01	0.000	0.000	-
157	9:02	0.021	0.020	148	9:02	0.000	0.000	-
158	9:03	0.022	0.020	149	9:03	0.000	0.000	-
159	9:04	0.026	0.021	150	9:04	0.000	0.000	-
160	9:05	0.014	0.021	151	9:05	0.000	0.000	-
161	9:06	0.020	0.021	152	9:06	0.000	0.000	-
162	9:07	0.017	0.021	153	9:07	0.000	0.000	-
163	9:08	0.021	0.021	154	9:08	0.000	0.000	-
164	9:09	0.014	0.020	155	9:09	0.000	0.000	-
165	9:10	0.023	0.019	156	9:10	0.000	0.000	-
166	9:11	0.017	0.019	157	9:11	0.000	0.000	-
167	9:12	0.011	0.018	158	9:12	0.000	0.000	-
168	9:13	0.015	0.018	159	9:13	0.000	0.000	-
169	9:14	0.017	0.018	160	9:14	0.000	0.000	-
170	9:15	0.017	0.018	161	9:15	0.000	0.000	-
171	9:16	0.022	0.018	162	9:16	0.000	0.000	-
172	9:17	0.016	0.018	163	9:17	0.000	0.000	-
173	9:18	0.017	0.018	164	9:18	0.000	0.000	-
174	9:19	0.017	0.017	165	9:19	0.000	0.000	-
175	9:20	0.013	0.017	166	9:20	0.000	0.000	-
176	9:21	0.013	0.017	167	9:21	0.000	0.000	-
177	9:22	0.014	0.016	168	9:22	0.000	0.000	-
178	9:23	0.021	0.016	169	9:23	0.000	0.000	-
179	9:24	0.022	0.017	170	9:24	0.000	0.000	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
180	9:25	0.015	0.016	171	9:25	0.000	0.000	-
181	9:26	0.019	0.017	172	9:26	0.000	0.000	-
182	9:27	0.018	0.017	173	9:27	0.000	0.000	-
183	9:28	0.018	0.017	174	9:28	0.000	0.000	-
184	9:29	0.022	0.018	175	9:29	0.000	0.000	-
185	9:30	0.026	0.018	176	9:30	0.000	0.000	-
186	9:31	0.020	0.018	177	9:31	0.000	0.000	-
187	9:32	0.013	0.018	178	9:32	0.000	0.000	-
188	9:33	0.011	0.017	179	9:33	0.000	0.000	-
189	9:34	0.015	0.017	180	9:34	0.000	0.000	-
190	9:35	0.010	0.017	181	9:35	0.000	0.000	-
191	9:36	0.013	0.017	182	9:36	0.000	0.000	-
192	9:37	0.014	0.017	183	9:37	0.000	0.000	-
193	9:38	0.017	0.017	184	9:38	0.000	0.000	-
194	9:39	0.014	0.016	185	9:39	0.000	0.000	-
195	9:40	0.028	0.017	186	9:40	0.000	0.000	-
196	9:41	0.014	0.017	187	9:41	0.000	0.000	-
197	9:42	0.010	0.016	188	9:42	0.000	0.000	-
198	9:43	0.024	0.017	189	9:43	0.000	0.000	-
199	9:44	0.018	0.016	190	9:44	0.000	0.000	-
200	9:45	0.024	0.016	191	9:45	0.000	0.000	-
201	9:46	0.015	0.016	192	9:46	0.000	0.000	-
202	9:47	0.022	0.017	193	9:47	0.000	0.000	-
203	9:48	0.015	0.017	194	9:48	0.000	0.000	-
204	9:49	0.011	0.017	195	9:49	0.000	0.000	-
205	9:50	0.014	0.017	196	9:50	0.000	0.000	-
206	9:51	0.019	0.017	197	9:51	0.000	0.000	-
207	9:52	0.018	0.018	198	9:52	0.000	0.000	-
208	9:53	0.011	0.017	199	9:53	0.000	0.000	-
209	9:54	0.021	0.018	200	9:54	0.000	0.000	-
210	9:55	0.013	0.017	201	9:55	0.000	0.000	-
211	9:56	0.010	0.016	202	9:56	0.000	0.000	-
212	9:57	0.009	0.016	203	9:57	0.001	0.000	-
213	9:58	0.011	0.015	204	9:58	0.002	0.000	-
214	9:59	0.013	0.015	205	9:59	0.001	0.000	-
215	10:00	0.016	0.015	206	10:00	0.001	0.000	-
216	10:01	0.011	0.014	207	10:01	0.000	0.000	-
217	10:02	0.017	0.014	208	10:02	0.000	0.000	-
218	10:03	0.015	0.014	209	10:03	0.000	0.000	-
219	10:04	0.009	0.014	210	10:04	0.000	0.000	-
220	10:05	0.014	0.014	211	10:05	0.000	0.000	-
221	10:06	0.014	0.013	212	10:06	0.000	0.000	-
222	10:07	0.010	0.013	213	10:07	0.000	0.000	-
223	10:08	0.009	0.013	214	10:08	0.000	0.000	-
224	10:09	0.020	0.013	215	10:09	0.000	0.000	-
225	10:10	0.013	0.013	216	10:10	0.000	0.000	-
226	10:11	0.019	0.013	217	10:11	0.000	0.000	-
227	10:12	0.020	0.014	218	10:12	0.000	0.000	-
228	10:13	0.011	0.014	219	10:13	0.000	0.000	-
229	10:14	0.019	0.014	220	10:14	0.000	0.000	-
230	10:15	0.017	0.015	221	10:15	0.000	0.000	-
231	10:16	0.020	0.015	222	10:16	0.000	0.000	-
232	10:17	0.015	0.015	223	10:17	0.000	0.000	-
233	10:18	0.012	0.015	224	10:18	-0.001	0.000	-
234	10:19	0.021	0.016	225	10:19	-0.001	0.000	-
235	10:20	0.014	0.016	226	10:20	0.000	0.000	-
236	10:21	0.024	0.016	227	10:21	-0.001	0.000	-
237	10:22	0.016	0.017	228	10:22	-0.001	0.000	-
238	10:23	0.010	0.017	229	10:23	-0.001	0.000	-
239	10:24	0.010	0.016	230	10:24	-0.001	0.000	-
240	10:25	0.020	0.017	231	10:25	-0.001	0.000	-
241	10:26	0.014	0.016	232	10:26	-0.001	-0.001	-
242	10:27	0.013	0.016	233	10:27	-0.001	-0.001	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
243	10:28	0.007	0.015	234	10:28	-0.001	-0.001	-
244	10:29	0.005	0.015	235	10:29	-0.001	-0.001	-
245	10:30	0.005	0.014	236	10:30	-0.001	-0.001	-
246	10:31	0.011	0.013	237	10:31	-0.001	-0.001	-
247	10:32	0.005	0.012	238	10:32	-0.001	-0.001	-
248	10:33	0.005	0.012	239	10:33	-0.001	-0.001	-
249	10:34	0.003	0.011	240	10:34	-0.001	-0.001	-
250	10:35	0.003	0.010	241	10:35	-0.001	-0.001	-
251	10:36	0.012	0.009	242	10:36	-0.001	-0.001	-
252	10:37	0.011	0.009	243	10:37	-0.002	-0.001	-
253	10:38	0.004	0.009	244	10:38	-0.002	-0.001	-
254	10:39	0.002	0.008	245	10:39	-0.002	-0.001	-
255	10:40	0.001	0.007	246	10:40	-0.002	-0.001	-
256	10:41	0.001	0.006	247	10:41	-0.002	-0.001	-
257	10:42	0.002	0.005	248	10:42	-0.002	-0.001	-
258	10:43	0.004	0.005	249	10:43	-0.002	-0.001	-
259	10:44	0.009	0.005	250	10:44	-0.002	-0.002	-
260	10:45	0.002	0.005	251	10:45	-0.002	-0.002	-
261	10:46	0.001	0.004	252	10:46	-0.002	-0.002	-
262	10:47	0.001	0.004	253	10:47	-0.002	-0.002	-
263	10:48	0.001	0.004	254	10:48	-0.002	-0.002	-
264	10:49	0.002	0.004	255	10:49	-0.002	-0.002	-
265	10:50	0.004	0.004	256	10:50	-0.002	-0.002	-
266	10:51	0.002	0.003	257	10:51	-0.002	-0.002	-
267	10:52	0.002	0.003	258	10:52	-0.003	-0.002	-
268	10:53	0.002	0.002	259	10:53	-0.002	-0.002	-
269	10:54	0.002	0.002	260	10:54	-0.003	-0.002	-
270	10:55	0.002	0.002	261	10:55	-0.003	-0.002	-
271	10:56	0.002	0.003	262	10:56	-0.003	-0.002	-
272	10:57	0.003	0.003	263	10:57	-0.003	-0.002	-
273	10:58	0.003	0.003	264	10:58	-0.003	-0.002	-
274	10:59	0.001	0.002	265	10:59	-0.003	-0.002	-
275	11:00	0.002	0.002	266	11:00	-0.003	-0.003	-
276	11:01	0.002	0.002	267	11:01	-0.003	-0.003	-
277	11:02	0.002	0.002	268	11:02	-0.003	-0.003	-
278	11:03	0.000	0.002	269	11:03	-0.003	-0.003	-
279	11:04	0.000	0.002	270	11:04	-0.003	-0.003	-
280	11:05	0.000	0.002	271	11:05	-0.003	-0.003	-
281	11:06	0.005	0.002	272	11:06	-0.003	-0.003	-
282	11:07	0.001	0.002	273	11:07	-0.003	-0.003	-
283	11:08	0.003	0.002	274	11:08	-0.003	-0.003	-
284	11:09	0.026	0.003	275	11:09	-0.003	-0.003	-
285	11:10	0.009	0.004	276	11:10	-0.003	-0.003	-
286	11:11	0.005	0.004	277	11:11	-0.003	-0.003	-
287	11:12	0.001	0.004	278	11:12	-0.003	-0.003	-
288	11:13	0.001	0.004	279	11:13	-0.003	-0.003	-
289	11:14	0.001	0.004	280	11:14	-0.003	-0.003	-
290	11:15	0.001	0.004	281	11:15	-0.004	-0.003	-
291	11:16	0.001	0.004	282	11:16	-0.004	-0.003	-
292	11:17	0.001	0.004	283	11:17	-0.004	-0.003	-
293	11:18	0.002	0.004	284	11:18	-0.004	-0.003	-
294	11:19	0.001	0.004	285	11:19	-0.004	-0.003	-
295	11:20	0.000	0.004	286	11:20	-0.004	-0.003	-
296	11:21	0.001	0.004	287	11:21	-0.004	-0.003	-
297	11:22	0.003	0.004	288	11:22	-0.004	-0.004	-
298	11:23	0.002	0.004	289	11:23	-0.004	-0.004	-
299	11:24	0.002	0.002	290	11:24	-0.004	-0.004	-
300	11:25	0.001	0.002	291	11:25	-0.004	-0.004	-
301	11:26	0.001	0.001	292	11:26	-0.004	-0.004	-
302	11:27	0.006	0.002	293	11:27	-0.004	-0.004	-
303	11:28	0.001	0.002	294	11:28	-0.004	-0.004	
304	11:29	0.012	0.002	295	11:29	-0.004	-0.004	
305	11:30	0.003	0.002	296	11:30	-0.004	-0.004	

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
306	11:31	0.006	0.003	297	11:31	-0.004	-0.004	
307	11:32	0.002	0.003	298	11:32	-0.004	-0.004	
308	11:33	0.007	0.003	299	11:33	-0.004	-0.004	
309	11:34	0.004	0.003	300	11:34	-0.004	-0.004	
310	11:35	0.009	0.004	301	11:35	-0.004	-0.004	
311	11:36	0.058	0.008	302	11:36	-0.004	-0.004	
312	11:37	0.006	0.008	303	11:37	-0.004	-0.004	

Wednesday, March 29, 2017

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0

Number of Comparable Data Points = 295

ORGANIC VAPOR DATA

UPWIND				**DOWNWIND**				
Upwind PID Data Summary				**Downwind PID Data Summary**				
Average		0.2	ppm	Average		0.3	ppm	
Max 15-Minute Average		0.3	ppm	Max 15-Minute Average		0.6	ppm	
Minimum		0.0	ppm	Minimum		0.1	ppm	
Maximum		0.3	ppm	Maximum		1.0	ppm	
	Time	**VOC (ppm)**	**15-Minute Average**		**Time**	**VOC (ppm)**	**15-Minute Average**	**Exceeds VOCs Alarm Limits**
1	6:34	0.27						
2	6:35	0.22						
3	6:36	0.16						
4	6:37	0.13						
5	6:38	0.12						
6	6:39	0.10						
7	6:40	0.10						
8	6:41	0.09						
9	6:42	0.08						
10	6:43	0.07		1	6:43	0.43		
11	6:44	0.06		2	6:44	0.34		
12	6:45	0.07		3	6:45	0.24		
13	6:46	0.06		4	6:46	0.20		
14	6:47	0.06		5	6:47	0.18		
15	6:48	0.06	0.1	6	6:48	0.16		
16	6:49	0.05	0.1	7	6:49	0.15		
17	6:50	0.06	0.1	8	6:50	0.15		
18	6:51	0.06	0.1	9	6:51	0.14		
19	6:52	0.06	0.1	10	6:52	0.14		
20	6:53	0.06	0.1	11	6:53	0.14		
21	6:54	0.05	0.1	12	6:54	0.14		
22	6:55	0.05	0.1	13	6:55	0.13		
23	6:56	0.06	0.1	14	6:56	0.13		
24	6:57	0.05	0.1	15	6:57	0.13	0.2	-
25	6:58	0.05	0.1	16	6:58	0.13	0.2	-
26	6:59	0.05	0.1	17	6:59	0.13	0.2	-
27	7:00	0.05	0.1	18	7:00	0.13	0.1	-
28	7:01	0.05	0.1	19	7:01	0.13	0.1	-
29	7:02	0.05	0.1	20	7:02	0.13	0.1	-
30	7:03	0.05	0.1	21	7:03	0.14	0.1	-
31	7:04	0.05	0.1	22	7:04	0.13	0.1	-
32	7:05	0.05	0.1	23	7:05	0.13	0.1	-
33	7:06	0.06	0.1	24	7:06	0.13	0.1	-
34	7:07	0.05	0.1	25	7:07	0.14	0.1	-
35	7:08	0.06	0.1	26	7:08	0.14	0.1	-
36	7:09	0.05	0.1	27	7:09	0.14	0.1	-
37	7:10	0.05	0.1	28	7:10	0.14	0.1	-
38	7:11	0.06	0.1	29	7:11	0.14	0.1	-
39	7:12	0.05	0.1	30	7:12	0.14	0.1	-
40	7:13	0.06	0.1	31	7:13	0.15	0.1	-
41	7:14	0.06	0.1	32	7:14	0.15	0.1	-
42	7:15	0.06	0.1	33	7:15	0.15	0.1	-
43	7:16	0.06	0.1	34	7:16	0.15	0.1	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
44	7:17	0.06	0.1	35	7:17	0.15	0.1	-
45	7:18	0.06	0.1	36	7:18	0.15	0.1	-
46	7:19	0.06	0.1	37	7:19	0.16	0.1	-
47	7:20	0.06	0.1	38	7:20	0.16	0.1	-
48	7:21	0.06	0.1	39	7:21	0.16	0.1	-
49	7:22	0.07	0.1	40	7:22	0.16	0.1	-
50	7:23	0.07	0.1	41	7:23	0.16	0.1	-
51	7:24	0.07	0.1	42	7:24	0.16	0.2	-
52	7:25	0.06	0.1	43	7:25	0.16	0.2	-
53	7:26	0.07	0.1	44	7:26	0.17	0.2	-
54	7:27	0.07	0.1	45	7:27	0.17	0.2	-
55	7:28	0.07	0.1	46	7:28	0.17	0.2	-
56	7:29	0.07	0.1	47	7:29	0.17	0.2	-
57	7:30	0.07	0.1	48	7:30	0.17	0.2	-
58	7:31	0.07	0.1	49	7:31	0.17	0.2	-
59	7:32	0.08	0.1	50	7:32	0.17	0.2	-
60	7:33	0.08	0.1	51	7:33	0.18	0.2	-
61	7:34	0.08	0.1	52	7:34	0.18	0.2	-
62	7:35	0.08	0.1	53	7:35	0.18	0.2	-
63	7:36	0.09	0.1	54	7:36	0.18	0.2	-
64	7:37	0.08	0.1	55	7:37	0.18	0.2	-
65	7:38	0.08	0.1	56	7:38	0.18	0.2	-
66	7:39	0.08	0.1	57	7:39	0.18	0.2	-
67	7:40	0.08	0.1	58	7:40	0.18	0.2	-
68	7:41	0.09	0.1	59	7:41	0.18	0.2	-
69	7:42	0.09	0.1	60	7:42	0.18	0.2	-
70	7:43	0.08	0.1	61	7:43	0.18	0.2	-
71	7:44	0.08	0.1	62	7:44	0.18	0.2	-
72	7:45	0.08	0.1	63	7:45	0.19	0.2	-
73	7:46	0.08	0.1	64	7:46	0.19	0.2	-
74	7:47	0.08	0.1	65	7:47	0.19	0.2	-
75	7:48	0.09	0.1	66	7:48	0.19	0.2	-
76	7:49	0.08	0.1	67	7:49	0.19	0.2	-
77	7:50	0.08	0.1	68	7:50	0.19	0.2	-
78	7:51	0.09	0.1	69	7:51	0.19	0.2	-
79	7:52	0.09	0.1	70	7:52	0.19	0.2	-
80	7:53	0.09	0.1	71	7:53	0.20	0.2	-
81	7:54	0.09	0.1	72	7:54	0.19	0.2	-
82	7:55	0.10	0.1	73	7:55	0.20	0.2	-
83	7:56	0.09	0.1	74	7:56	0.20	0.2	-
84	7:57	0.10	0.1	75	7:57	0.20	0.2	-
85	7:58	0.10	0.1	76	7:58	0.20	0.2	-
86	7:59	0.10	0.1	77	7:59	0.20	0.2	-
87	8:00	0.10	0.1	78	8:00	0.34	0.2	-
88	8:01	0.10	0.1	79	8:01	0.71	0.2	-
89	8:02	0.10	0.1	80	8:02	0.77	0.3	-
90	8:03	0.11	0.1	81	8:03	0.88	0.3	-
91	8:04	0.11	0.1	82	8:04	0.93	0.4	-
92	8:05	0.11	0.1	83	8:05	0.98	0.4	-
93	8:06	0.11	0.1	84	8:06	0.99	0.5	-
94	8:07	0.11	0.1	85	8:07	1.04	0.5	-
95	8:08	0.11	0.1	86	8:08	0.95	0.6	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
96	8:09	0.11	0.1	87	8:09	0.36	0.6	-
97	8:10	0.11	0.1	88	8:10	0.32	0.6	-
98	8:11	0.11	0.1	89	8:11	0.28	0.6	-
99	8:12	0.11	0.1	90	8:12	0.27	0.6	-
100	8:13	0.11	0.1	91	8:13	0.27	0.6	-
101	8:14	0.12	0.1	92	8:14	0.26	0.6	-
102	8:15	0.11	0.1	93	8:15	0.25	0.6	-
103	8:16	0.11	0.1	94	8:16	0.25	0.6	-
104	8:17	0.11	0.1	95	8:17	0.24	0.6	-
105	8:18	0.11	0.1	96	8:18	0.24	0.5	-
106	8:19	0.11	0.1	97	8:19	0.24	0.5	-
107	8:20	0.11	0.1	98	8:20	0.24	0.4	-
108	8:21	0.11	0.1	99	8:21	0.24	0.4	-
109	8:22	0.11	0.1	100	8:22	0.25	0.3	-
110	8:23	0.13	0.1	101	8:23	0.24	0.3	-
111	8:24	0.13	0.1	102	8:24	0.24	0.3	-
112	8:25	0.12	0.1	103	8:25	0.24	0.3	-
113	8:26	0.14	0.1	104	8:26	0.23	0.2	-
114	8:27	0.12	0.1	105	8:27	0.23	0.2	-
115	8:28	0.13	0.1	106	8:28	0.23	0.2	-
116	8:29	0.12	0.1	107	8:29	0.23	0.2	-
117	8:30	0.13	0.1	108	8:30	0.23	0.2	-
118	8:31	0.12	0.1	109	8:31	0.23	0.2	-
119	8:32	0.12	0.1	110	8:32	0.23	0.2	-
120	8:33	0.12	0.1	111	8:33	0.23	0.2	-
121	8:34	0.13	0.1	112	8:34	0.23	0.2	-
122	8:35	0.12	0.1	113	8:35	0.23	0.2	-
123	8:36	0.12	0.1	114	8:36	0.23	0.2	-
124	8:37	0.13	0.1	115	8:37	0.24	0.2	-
125	8:38	0.15	0.1	116	8:38	0.23	0.2	-
126	8:39	0.13	0.1	117	8:39	0.23	0.2	-
127	8:40	0.13	0.1	118	8:40	0.23	0.2	-
128	8:41	0.13	0.1	119	8:41	0.23	0.2	-
129	8:42	0.13	0.1	120	8:42	0.23	0.2	-
130	8:43	0.13	0.1	121	8:43	0.23	0.2	-
131	8:44	0.13	0.1	122	8:44	0.23	0.2	-
132	8:45	0.13	0.1	123	8:45	0.23	0.2	-
133	8:46	0.13	0.1	124	8:46	0.23	0.2	-
134	8:47	0.15	0.1	125	8:47	0.23	0.2	-
135	8:48	0.14	0.1	126	8:48	0.23	0.2	-
136	8:49	0.13	0.1	127	8:49	0.23	0.2	-
137	8:50	0.15	0.1	128	8:50	0.23	0.2	-
138	8:51	0.14	0.1	129	8:51	0.23	0.2	-
139	8:52	0.14	0.1	130	8:52	0.24	0.2	-
140	8:53	0.14	0.1	131	8:53	0.24	0.2	-
141	8:54	0.15	0.1	132	8:54	0.23	0.2	-
142	8:55	0.15	0.1	133	8:55	0.23	0.2	-
143	8:56	0.14	0.1	134	8:56	0.23	0.2	-
144	8:57	0.14	0.1	135	8:57	0.23	0.2	-
145	8:58	0.15	0.1	136	8:58	0.23	0.2	-
146	8:59	0.14	0.1	137	8:59	0.23	0.2	-
147	9:00	0.14	0.1	138	9:00	0.23	0.2	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
148	9:01	0.15	0.1	139	9:01	0.23	0.2	-
149	9:02	0.15	0.1	140	9:02	0.23	0.2	-
150	9:03	0.17	0.1	141	9:03	0.23	0.2	-
151	9:04	0.15	0.1	142	9:04	0.23	0.2	-
152	9:05	0.15	0.1	143	9:05	0.23	0.2	-
153	9:06	0.15	0.1	144	9:06	0.22	0.2	-
154	9:07	0.15	0.1	145	9:07	0.23	0.2	-
155	9:08	0.14	0.1	146	9:08	0.23	0.2	-
156	9:09	0.15	0.1	147	9:09	0.23	0.2	-
157	9:10	0.16	0.1	148	9:10	0.23	0.2	-
158	9:11	0.16	0.1	149	9:11	0.23	0.2	-
159	9:12	0.16	0.2	150	9:12	0.23	0.2	-
160	9:13	0.15	0.2	151	9:13	0.22	0.2	-
161	9:14	0.15	0.2	152	9:14	0.22	0.2	-
162	9:15	0.15	0.2	153	9:15	0.23	0.2	-
163	9:16	0.15	0.2	154	9:16	0.22	0.2	-
164	9:17	0.16	0.2	155	9:17	0.22	0.2	-
165	9:18	0.15	0.2	156	9:18	0.22	0.2	-
166	9:19	0.15	0.2	157	9:19	0.22	0.2	-
167	9:20	0.15	0.2	158	9:20	0.22	0.2	-
168	9:21	0.16	0.2	159	9:21	0.23	0.2	-
169	9:22	0.15	0.2	160	9:22	0.22	0.2	-
170	9:23	0.16	0.2	161	9:23	0.23	0.2	-
171	9:24	0.15	0.2	162	9:24	0.23	0.2	-
172	9:25	0.15	0.2	163	9:25	0.23	0.2	-
173	9:26	0.15	0.2	164	9:26	0.23	0.2	-
174	9:27	0.15	0.2	165	9:27	0.23	0.2	-
175	9:28	0.15	0.2	166	9:28	0.23	0.2	-
176	9:29	0.15	0.2	167	9:29	0.22	0.2	-
177	9:30	0.16	0.2	168	9:30	0.22	0.2	-
178	9:31	0.16	0.2	169	9:31	0.22	0.2	-
179	9:32	0.16	0.2	170	9:32	0.23	0.2	-
180	9:33	0.16	0.2	171	9:33	0.22	0.2	-
181	9:34	0.15	0.2	172	9:34	0.22	0.2	-
182	9:35	0.15	0.2	173	9:35	0.23	0.2	-
183	9:36	0.17	0.2	174	9:36	0.22	0.2	-
184	9:37	0.16	0.2	175	9:37	0.23	0.2	-
185	9:38	0.18	0.2	176	9:38	0.23	0.2	-
186	9:39	0.16	0.2	177	9:39	0.23	0.2	-
187	9:40	0.15	0.2	178	9:40	0.22	0.2	-
188	9:41	0.16	0.2	179	9:41	0.22	0.2	-
189	9:42	0.16	0.2	180	9:42	0.22	0.2	-
190	9:43	0.15	0.2	181	9:43	0.22	0.2	-
191	9:44	0.16	0.2	182	9:44	0.22	0.2	-
192	9:45	0.16	0.2	183	9:45	0.23	0.2	-
193	9:46	0.17	0.2	184	9:46	0.23	0.2	-
194	9:47	0.18	0.2	185	9:47	0.23	0.2	-
195	9:48	0.17	0.2	186	9:48	0.23	0.2	-
196	9:49	0.17	0.2	187	9:49	0.23	0.2	-
197	9:50	0.17	0.2	188	9:50	0.23	0.2	-
198	9:51	0.18	0.2	189	9:51	0.23	0.2	-
199	9:52	0.18	0.2	190	9:52	0.24	0.2	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
200	9:53	0.18	0.2	191	9:53	0.23	0.2	-
201	9:54	0.16	0.2	192	9:54	0.23	0.2	-
202	9:55	0.17	0.2	193	9:55	0.23	0.2	-
203	9:56	0.16	0.2	194	9:56	0.23	0.2	-
204	9:57	0.16	0.2	195	9:57	0.24	0.2	-
205	9:58	0.17	0.2	196	9:58	0.24	0.2	-
206	9:59	0.17	0.2	197	9:59	0.24	0.2	-
207	10:00	0.17	0.2	198	10:00	0.24	0.2	-
208	10:01	0.17	0.2	199	10:01	0.25	0.2	-
209	10:02	0.18	0.2	200	10:02	0.25	0.2	-
210	10:03	0.18	0.2	201	10:03	0.25	0.2	-
211	10:04	0.17	0.2	202	10:04	0.26	0.2	-
212	10:05	0.18	0.2	203	10:05	0.26	0.2	-
213	10:06	0.18	0.2	204	10:06	0.27	0.2	-
214	10:07	0.19	0.2	205	10:07	0.27	0.2	-
215	10:08	0.20	0.2	206	10:08	0.27	0.2	-
216	10:09	0.20	0.2	207	10:09	0.29	0.3	-
217	10:10	0.21	0.2	208	10:10	0.30	0.3	-
218	10:11	0.22	0.2	209	10:11	0.30	0.3	-
219	10:12	0.21	0.2	210	10:12	0.29	0.3	-
220	10:13	0.22	0.2	211	10:13	0.30	0.3	-
221	10:14	0.22	0.2	212	10:14	0.30	0.3	-
222	10:15	0.22	0.2	213	10:15	0.31	0.3	-
223	10:16	0.23	0.2	214	10:16	0.32	0.3	-
224	10:17	0.23	0.2	215	10:17	0.32	0.3	-
225	10:18	0.23	0.2	216	10:18	0.33	0.3	-
226	10:19	0.24	0.2	217	10:19	0.33	0.3	-
227	10:20	0.23	0.2	218	10:20	0.33	0.3	-
228	10:21	0.23	0.2	219	10:21	0.33	0.3	-
229	10:22	0.24	0.2	220	10:22	0.33	0.3	-
230	10:23	0.23	0.2	221	10:23	0.33	0.3	-
231	10:24	0.23	0.2	222	10:24	0.33	0.3	-
232	10:25	0.23	0.2	223	10:25	0.32	0.3	-
233	10:26	0.23	0.2	224	10:26	0.31	0.3	-
234	10:27	0.23	0.2	225	10:27	0.32	0.3	-
235	10:28	0.23	0.2	226	10:28	0.32	0.3	-
236	10:29	0.24	0.2	227	10:29	0.32	0.3	-
237	10:30	0.23	0.2	228	10:30	0.32	0.3	-
238	10:31	0.23	0.2	229	10:31	0.32	0.3	-
239	10:32	0.23	0.2	230	10:32	0.32	0.3	-
240	10:33	0.25	0.2	231	10:33	0.33	0.3	-
241	10:34	0.24	0.2	232	10:34	0.33	0.3	-
242	10:35	0.24	0.2	233	10:35	0.33	0.3	-
243	10:36	0.24	0.2	234	10:36	0.33	0.3	-
244	10:37	0.25	0.2	235	10:37	0.34	0.3	-
245	10:38	0.25	0.2	236	10:38	0.34	0.3	-
246	10:39	0.25	0.2	237	10:39	0.34	0.3	-
247	10:40	0.25	0.2	238	10:40	0.34	0.3	-
248	10:41	0.26	0.2	239	10:41	0.34	0.3	-
249	10:42	0.26	0.2	240	10:42	0.34	0.3	-
250	10:43	0.25	0.2	241	10:43	0.34	0.3	-
251	10:44	0.27	0.2	242	10:44	0.34	0.3	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
252	10:45	0.26	0.2	243	10:45	0.34	0.3	-
253	10:46	0.26	0.2	244	10:46	0.34	0.3	-
254	10:47	0.27	0.3	245	10:47	0.35	0.3	-
255	10:48	0.27	0.3	246	10:48	0.35	0.3	-
256	10:49	0.27	0.3	247	10:49	0.35	0.3	-
257	10:50	0.28	0.3	248	10:50	0.36	0.3	-
258	10:51	0.28	0.3	249	10:51	0.36	0.3	-
259	10:52	0.28	0.3	250	10:52	0.36	0.3	-
260	10:53	0.28	0.3	251	10:53	0.36	0.3	-
261	10:54	0.28	0.3	252	10:54	0.36	0.3	-
262	10:55	0.28	0.3	253	10:55	0.36	0.4	-
263	10:56	0.28	0.3	254	10:56	0.36	0.4	-
264	10:57	0.28	0.3	255	10:57	0.37	0.4	-
265	10:58	0.28	0.3	256	10:58	0.37	0.4	-
266	10:59	0.28	0.3	257	10:59	0.38	0.4	-
267	11:00	0.29	0.3	258	11:00	0.38	0.4	-
268	11:01	0.29	0.3	259	11:01	0.39	0.4	-
269	11:02	0.29	0.3	260	11:02	0.39	0.4	-
270	11:03	0.29	0.3	261	11:03	0.39	0.4	-
271	11:04	0.29	0.3	262	11:04	0.38	0.4	-
272	11:05	0.29	0.3	263	11:05	0.38	0.4	-
273	11:06	0.28	0.3	264	11:06	0.39	0.4	-
274	11:07	0.29	0.3	265	11:07	0.38	0.4	-
275	11:08	0.29	0.3	266	11:08	0.39	0.4	-
276	11:09	0.30	0.3	267	11:09	0.39	0.4	-
277	11:10	0.29	0.3	268	11:10	0.39	0.4	-
278	11:11	0.29	0.3	269	11:11	0.39	0.4	-
279	11:12	0.29	0.3	270	11:12	0.39	0.4	-
280	11:13	0.29	0.3	271	11:13	0.40	0.4	-
281	11:14	0.30	0.3	272	11:14	0.40	0.4	-
282	11:15	0.30	0.3	273	11:15	0.40	0.4	-
283	11:16	0.30	0.3	274	11:16	0.40	0.4	-
284	11:17	0.29	0.3	275	11:17	0.39	0.4	-
285	11:18	0.29	0.3	276	11:18	0.39	0.4	-
286	11:19	0.28	0.3	277	11:19	0.39	0.4	-
287	11:20	0.28	0.3	278	11:20	0.40	0.4	-
288	11:21	0.27	0.3	279	11:21	0.40	0.4	-
289	11:22	0.27	0.3	280	11:22	0.40	0.4	-
290	11:23	0.27	0.3	281	11:23	0.40	0.4	-
291	11:24	0.26	0.3	282	11:24	0.40	0.4	-
292	11:25	0.26	0.3	283	11:25	0.39	0.4	-
293	11:26	0.26	0.3	284	11:26	0.40	0.4	-
294	11:27	0.25	0.3	285	11:27	0.40	0.4	-
295	11:28	0.25	0.3	286	11:28	0.39	0.4	-
296	11:29	0.25	0.3	287	11:29	0.39	0.4	-
297	11:30	0.24	0.3	288	11:30	0.39	0.4	-
298	11:31	0.24	0.3	289	11:31	0.39	0.4	-
299	11:32	0.23	0.3	290	11:32	0.39	0.4	-
300	11:33	0.22	0.3	291	11:33	0.39	0.4	-
301	11:34	0.22	0.3	292	11:34	0.39	0.4	-
302	11:35	0.22	0.2	293	11:35	0.39	0.4	-
303	11:36	0.21	0.2	294	11:36	0.39	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
304	11:37	0.21	0.2	295	11:37	0.40	0.4	-
305	11:38	0.22	0.2	296	11:38	0.39	0.4	-
306	11:39	0.21	0.2	297	11:39	0.38	0.4	-
307	11:40	0.20	0.2	298	11:40	0.39	0.4	-
308	11:41	0.20	0.2	299	11:41	0.38	0.4	-
309	11:42	0.20	0.2	300	11:42	0.38	0.4	-
310	11:43	0.20	0.2	301	11:43	0.38	0.4	-
311	11:44	0.19	0.2	302	11:44	0.38	0.4	-
312	11:45	0.19	0.2	303	11:45	0.38	0.4	-
313	11:46	0.20	0.2	304	11:46	0.37	0.4	-
314	11:47	0.20	0.2	305	11:47	0.37	0.4	-
315	11:48	0.19	0.2	306	11:48	0.37	0.4	-
316	11:49	0.20	0.2	307	11:49	0.37	0.4	-
317	11:50	0.18	0.2	308	11:50	0.36	0.4	-
318	11:51	0.22	0.2	309	11:51	0.36	0.4	-

Thursday, March 30, 2017

Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 0.150 = 0

Number of Comparable Data Points = 364

PARTICULATE DATA

UPWIND				**DOWNWIND**				
Upwind DustTrak Data Summary				**Downwind DustTrak Data Summary**				
Average		0.001	mg/m^3	Average		0.019	mg/m^3	
Max 15-Minute Average		0.002	mg/m^3	Max 15-Minute Average		0.199	mg/m^3	
Minimum		-0.002	mg/m^3	Minimum		0.005	mg/m^3	
Maximum		0.005	mg/m^3	Maximum		0.656	mg/m^3	
	Time	**Concentration (mg/m^3)**	**15-Minute Average**		**Time**	**Concentration (mg/m^3)**	**15-Minute Average**	**Exceeds Particulate Alarm Limits**
1	6:04	0.005						
2	6:05	0.004						
3	6:06	0.003						
4	6:07	0.003						
5	6:08	0.002						
6	6:09	0.002		1	6:09	0.030		
7	6:10	0.002		2	6:10	0.017		
8	6:11	0.002		3	6:11	0.026		
9	6:12	0.002		4	6:12	0.017		
10	6:13	0.002		5	6:13	0.012		
11	6:14	0.002		6	6:14	0.013		
12	6:15	0.002		7	6:15	0.032		
13	6:16	0.002		8	6:16	0.015		
14	6:17	0.002		9	6:17	0.017		
15	6:18	0.002	0.002	10	6:18	0.024		-
16	6:19	0.002	0.002	11	6:19	0.014		-
17	6:20	0.002	0.002	12	6:20	0.012		-
18	6:21	0.002	0.002	13	6:21	0.014		-
19	6:22	0.002	0.002	14	6:22	0.013		-
20	6:23	0.002	0.002	15	6:23	0.010	0.018	-
21	6:24	0.002	0.002	16	6:24	0.011	0.016	-
22	6:25	0.002	0.002	17	6:25	0.013	0.016	-
23	6:26	0.002	0.002	18	6:26	0.008	0.015	-
24	6:27	0.002	0.002	19	6:27	0.011	0.015	-
25	6:28	0.002	0.002	20	6:28	0.009	0.014	-
26	6:29	0.002	0.002	21	6:29	0.012	0.014	-
27	6:30	0.002	0.002	22	6:30	0.011	0.013	-
28	6:31	0.002	0.002	23	6:31	0.009	0.013	-
29	6:32	0.002	0.002	24	6:32	0.022	0.013	-
30	6:33	0.002	0.002	25	6:33	0.024	0.013	-
31	6:34	0.002	0.002	26	6:34	0.015	0.013	-
32	6:35	0.002	0.002	27	6:35	0.017	0.013	-
33	6:36	0.002	0.002	28	6:36	0.015	0.013	-
34	6:37	0.002	0.002	29	6:37	0.025	0.014	-
35	6:38	0.002	0.002	30	6:38	0.017	0.015	-
36	6:39	0.002	0.002	31	6:39	0.015	0.015	-
37	6:40	0.002	0.002	32	6:40	0.016	0.015	-
38	6:41	0.002	0.002	33	6:41	0.027	0.016	-
39	6:42	0.002	0.002	34	6:42	0.010	0.016	-
40	6:43	0.002	0.002	35	6:43	0.010	0.016	-
41	6:44	0.002	0.002	36	6:44	0.014	0.016	-
42	6:45	0.002	0.002	37	6:45	0.012	0.017	-
43	6:46	0.002	0.002	38	6:46	0.012	0.017	-
44	6:47	0.002	0.002	39	6:47	0.018	0.016	-
45	6:48	0.002	0.002	40	6:48	0.012	0.016	-
46	6:49	0.002	0.002	41	6:49	0.012	0.015	-
47	6:50	0.002	0.002	42	6:50	0.011	0.015	-
48	6:51	0.002	0.002	43	6:51	0.018	0.015	-
49	6:52	0.002	0.002	44	6:52	0.011	0.014	-
50	6:53	0.002	0.002	45	6:53	0.010	0.014	-
51	6:54	0.002	0.002	46	6:54	0.011	0.014	-
52	6:55	0.002	0.002	47	6:55	0.006	0.013	-
53	6:56	0.002	0.002	48	6:56	0.006	0.012	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
54	6:57	0.002	0.002	49	6:57	0.006	0.011	-
55	6:58	0.002	0.002	50	6:58	0.007	0.011	-
56	6:59	0.002	0.002	51	6:59	0.007	0.011	-
57	7:00	0.002	0.002	52	7:00	0.008	0.010	-
58	7:01	0.002	0.002	53	7:01	0.011	0.010	-
59	7:02	0.002	0.002	54	7:02	0.018	0.010	-
60	7:03	0.002	0.002	55	7:03	0.010	0.010	-
61	7:04	0.002	0.002	56	7:04	0.014	0.010	-
62	7:05	0.002	0.002	57	7:05	0.022	0.011	-
63	7:06	0.002	0.002	58	7:06	0.007	0.010	-
64	7:07	0.002	0.002	59	7:07	0.013	0.010	-
65	7:08	0.002	0.002	60	7:08	0.066	0.014	-
66	7:09	0.003	0.002	61	7:09	0.027	0.015	-
67	7:10	0.002	0.002	62	7:10	0.006	0.015	-
68	7:11	0.002	0.002	63	7:11	0.006	0.015	-
69	7:12	0.002	0.002	64	7:12	0.007	0.015	-
70	7:13	0.002	0.002	65	7:13	0.007	0.015	-
71	7:14	0.002	0.002	66	7:14	0.009	0.015	-
72	7:15	0.002	0.002	67	7:15	0.007	0.015	-
73	7:16	0.002	0.002	68	7:16	0.007	0.015	-
74	7:17	0.002	0.002	69	7:17	0.009	0.014	-
75	7:18	0.002	0.002	70	7:18	0.009	0.014	-
76	7:19	0.002	0.002	71	7:19	0.007	0.014	-
77	7:20	0.002	0.002	72	7:20	0.007	0.013	-
78	7:21	0.002	0.002	73	7:21	0.007	0.013	-
79	7:22	0.002	0.002	74	7:22	0.007	0.013	-
80	7:23	0.002	0.002	75	7:23	0.006	0.009	-
81	7:24	0.002	0.002	76	7:24	0.006	0.007	-
82	7:25	0.002	0.002	77	7:25	0.006	0.007	-
83	7:26	0.002	0.002	78	7:26	0.006	0.007	-
84	7:27	0.002	0.002	79	7:27	0.006	0.007	-
85	7:28	0.002	0.002	80	7:28	0.006	0.007	-
86	7:29	0.002	0.002	81	7:29	0.012	0.007	-
87	7:30	0.002	0.002	82	7:30	0.006	0.007	-
88	7:31	0.002	0.002	83	7:31	0.006	0.007	-
89	7:32	0.002	0.002	84	7:32	0.006	0.007	-
90	7:33	0.002	0.002	85	7:33	0.008	0.007	-
91	7:34	0.002	0.002	86	7:34	0.012	0.007	-
92	7:35	0.002	0.002	87	7:35	0.045	0.010	-
93	7:36	0.002	0.002	88	7:36	0.010	0.010	-
94	7:37	0.002	0.002	89	7:37	0.008	0.010	-
95	7:38	0.002	0.002	90	7:38	0.007	0.010	-
96	7:39	0.002	0.002	91	7:39	0.011	0.010	-
97	7:40	0.002	0.002	92	7:40	0.006	0.010	-
98	7:41	0.002	0.002	93	7:41	0.006	0.010	-
99	7:42	0.002	0.002	94	7:42	0.006	0.010	-
100	7:43	0.002	0.002	95	7:43	0.006	0.010	-
101	7:44	0.002	0.002	96	7:44	0.006	0.010	-
102	7:45	0.002	0.002	97	7:45	0.009	0.010	-
103	7:46	0.002	0.002	98	7:46	0.006	0.010	-
104	7:47	0.002	0.002	99	7:47	0.010	0.010	-
105	7:48	0.002	0.002	100	7:48	0.006	0.010	-
106	7:49	0.002	0.002	101	7:49	0.008	0.010	-
107	7:50	0.002	0.002	102	7:50	0.006	0.007	-
108	7:51	0.002	0.002	103	7:51	0.009	0.007	-
109	7:52	0.002	0.002	104	7:52	0.007	0.007	-
110	7:53	0.002	0.002	105	7:53	0.008	0.007	-
111	7:54	0.002	0.002	106	7:54	0.006	0.007	-
112	7:55	0.002	0.002	107	7:55	0.006	0.007	-
113	7:56	0.002	0.002	108	7:56	0.010	0.007	-
114	7:57	0.002	0.002	109	7:57	0.006	0.007	-
115	7:58	0.002	0.002	110	7:58	0.006	0.007	-
116	7:59	0.002	0.002	111	7:59	0.006	0.007	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
117	8:00	0.002	0.002	112	8:00	0.007	0.007	-
118	8:01	0.002	0.002	113	8:01	0.006	0.007	-
119	8:02	0.002	0.002	114	8:02	0.007	0.007	-
120	8:03	0.002	0.002	115	8:03	0.007	0.007	-
121	8:04	0.002	0.002	116	8:04	0.008	0.007	-
122	8:05	0.002	0.002	117	8:05	0.007	0.007	-
123	8:06	0.002	0.002	118	8:06	0.007	0.007	-
124	8:07	0.002	0.002	119	8:07	0.006	0.007	-
125	8:08	0.002	0.002	120	8:08	0.007	0.007	-
126	8:09	0.002	0.002	121	8:09	0.007	0.007	-
127	8:10	0.002	0.002	122	8:10	0.007	0.007	-
128	8:11	0.002	0.002	123	8:11	0.008	0.007	-
129	8:12	0.002	0.002	124	8:12	0.008	0.007	-
130	8:13	0.002	0.002	125	8:13	0.008	0.007	-
131	8:14	0.002	0.002	126	8:14	0.009	0.007	-
132	8:15	0.002	0.002	127	8:15	0.011	0.008	-
133	8:16	0.002	0.002	128	8:16	0.007	0.008	-
134	8:17	0.002	0.002	129	8:17	0.007	0.008	-
135	8:18	0.002	0.002	130	8:18	0.007	0.008	-
136	8:19	0.002	0.002	131	8:19	0.008	0.008	-
137	8:20	0.002	0.002	132	8:20	0.007	0.008	-
138	8:21	0.002	0.002	133	8:21	0.008	0.008	-
139	8:22	0.002	0.002	134	8:22	0.006	0.008	-
140	8:23	0.002	0.002	135	8:23	0.008	0.008	-
141	8:24	0.002	0.002	136	8:24	0.007	0.008	-
142	8:25	0.003	0.002	137	8:25	0.006	0.008	-
143	8:26	0.003	0.002	138	8:26	0.007	0.008	-
144	8:27	0.003	0.002	139	8:27	0.007	0.008	-
145	8:28	0.003	0.002	140	8:28	0.008	0.008	-
146	8:29	0.003	0.002	141	8:29	0.008	0.007	-
147	8:30	0.002	0.002	142	8:30	0.007	0.007	-
148	8:31	0.002	0.002	143	8:31	0.007	0.007	-
149	8:32	0.003	0.002	144	8:32	0.008	0.007	-
150	8:33	0.002	0.002	145	8:33	0.010	0.007	-
151	8:34	0.003	0.002	146	8:34	0.009	0.008	-
152	8:35	0.002	0.002	147	8:35	0.010	0.008	-
153	8:36	0.002	0.002	148	8:36	0.009	0.008	-
154	8:37	0.002	0.002	149	8:37	0.041	0.010	-
155	8:38	0.002	0.002	150	8:38	0.028	0.011	-
156	8:39	0.002	0.002	151	8:39	0.029	0.013	-
157	8:40	0.002	0.002	152	8:40	0.039	0.015	-
158	8:41	0.002	0.002	153	8:41	0.013	0.016	-
159	8:42	0.002	0.002	154	8:42	0.009	0.016	-
160	8:43	0.002	0.002	155	8:43	0.013	0.016	-
161	8:44	0.002	0.002	156	8:44	0.014	0.016	-
162	8:45	0.002	0.002	157	8:45	0.010	0.017	-
163	8:46	0.002	0.002	158	8:46	0.010	0.017	-
164	8:47	0.002	0.002	159	8:47	0.033	0.018	-
165	8:48	0.003	0.002	160	8:48	0.026	0.020	-
166	8:49	0.002	0.002	161	8:49	0.027	0.021	-
167	8:50	0.002	0.002	162	8:50	0.389	0.046	-
168	8:51	0.002	0.002	163	8:51	0.056	0.049	-
169	8:52	0.002	0.002	164	8:52	0.045	0.049	-
170	8:53	0.002	0.002	165	8:53	0.656	0.091	-
171	8:54	0.002	0.002	166	8:54	0.184	0.102	-
172	8:55	0.002	0.002	167	8:55	0.322	0.120	-
173	8:56	0.002	0.002	168	8:56	0.484	0.152	-
174	8:57	0.002	0.002	169	8:57	0.290	0.171	-
175	8:58	0.002	0.002	170	8:58	0.135	0.179	-
176	8:59	0.002	0.002	171	8:59	0.084	0.183	-
177	9:00	0.002	0.002	172	9:00	0.101	0.189	-
178	9:01	0.001	0.002	173	9:01	0.058	0.193	-
179	9:02	0.001	0.002	174	9:02	0.038	0.193	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
180	9:03	0.001	0.002	175	9:03	0.045	0.194	-
181	9:04	0.001	0.002	176	9:04	0.035	0.195	-
182	9:05	0.001	0.002	177	9:05	0.233	0.184	-
183	9:06	0.001	0.002	178	9:06	0.090	0.187	-
184	9:07	0.001	0.002	179	9:07	0.223	0.199	-
185	9:08	0.001	0.001	180	9:08	0.046	0.158	-
186	9:09	0.001	0.001	181	9:09	0.024	0.147	-
187	9:10	0.001	0.001	182	9:10	0.008	0.126	-
188	9:11	0.001	0.001	183	9:11	0.006	0.094	-
189	9:12	0.001	0.001	184	9:12	0.046	0.078	-
190	9:13	0.001	0.001	185	9:13	0.006	0.070	-
191	9:14	0.001	0.001	186	9:14	0.006	0.064	-
192	9:15	0.000	0.001	187	9:15	0.007	0.058	-
193	9:16	0.000	0.001	188	9:16	0.007	0.055	-
194	9:17	0.000	0.001	189	9:17	0.006	0.053	-
195	9:18	0.000	0.001	190	9:18	0.006	0.050	-
196	9:19	0.000	0.001	191	9:19	0.006	0.048	-
197	9:20	0.000	0.001	192	9:20	0.006	0.033	-
198	9:21	0.000	0.001	193	9:21	0.010	0.028	-
199	9:22	0.000	0.000	194	9:22	0.009	0.013	-
200	9:23	0.000	0.000	195	9:23	0.005	0.011	-
201	9:24	0.000	0.000	196	9:24	0.007	0.009	-
202	9:25	0.000	0.000	197	9:25	0.006	0.009	-
203	9:26	0.000	0.000	198	9:26	0.007	0.009	-
204	9:27	0.000	0.000	199	9:27	0.009	0.007	-
205	9:28	0.000	0.000	200	9:28	0.011	0.007	-
206	9:29	0.000	0.000	201	9:29	0.019	0.008	-
207	9:30	0.000	0.000	202	9:30	0.006	0.008	-
208	9:31	0.000	0.000	203	9:31	0.009	0.008	-
209	9:32	0.000	0.000	204	9:32	0.007	0.008	-
210	9:33	0.000	0.000	205	9:33	0.005	0.008	-
211	9:34	0.000	0.000	206	9:34	0.005	0.008	-
212	9:35	0.000	0.000	207	9:35	0.005	0.008	-
213	9:36	0.000	0.000	208	9:36	0.007	0.008	-
214	9:37	0.000	0.000	209	9:37	0.007	0.008	-
215	9:38	0.000	0.000	210	9:38	0.006	0.008	-
216	9:39	0.000	0.000	211	9:39	0.006	0.008	-
217	9:40	0.000	0.000	212	9:40	0.012	0.008	-
218	9:41	0.000	0.000	213	9:41	0.006	0.008	-
219	9:42	0.000	0.000	214	9:42	0.006	0.008	-
220	9:43	0.000	0.000	215	9:43	0.005	0.007	-
221	9:44	0.000	0.000	216	9:44	0.006	0.007	-
222	9:45	0.000	0.000	217	9:45	0.006	0.007	-
223	9:46	0.000	0.000	218	9:46	0.006	0.006	-
224	9:47	0.000	0.000	219	9:47	0.006	0.006	-
225	9:48	0.000	0.000	220	9:48	0.006	0.006	-
226	9:49	0.000	0.000	221	9:49	0.009	0.007	-
227	9:50	0.000	0.000	222	9:50	0.009	0.007	-
228	9:51	0.000	0.000	223	9:51	0.006	0.007	-
229	9:52	0.000	0.000	224	9:52	0.007	0.007	-
230	9:53	0.000	0.000	225	9:53	0.040	0.009	-
231	9:54	0.000	0.000	226	9:54	0.023	0.010	-
232	9:55	0.000	0.000	227	9:55	0.006	0.010	-
233	9:56	0.000	0.000	228	9:56	0.007	0.010	-
234	9:57	0.000	0.000	229	9:57	0.009	0.010	-
235	9:58	0.000	0.000	230	9:58	0.018	0.011	-
236	9:59	0.000	0.000	231	9:59	0.008	0.011	-
237	10:00	0.000	0.000	232	10:00	0.009	0.011	-
238	10:01	0.000	0.000	233	10:01	0.008	0.011	-
239	10:02	0.000	0.000	234	10:02	0.008	0.012	-
240	10:03	0.000	0.000	235	10:03	0.007	0.012	-
241	10:04	0.000	0.000	236	10:04	0.007	0.011	-
242	10:05	0.000	0.000	237	10:05	0.008	0.011	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
243	10:06	0.000	0.000	238	10:06	0.009	0.012	-
244	10:07	0.000	0.000	239	10:07	0.008	0.012	-
245	10:08	0.000	0.000	240	10:08	0.010	0.010	-
246	10:09	0.000	0.000	241	10:09	0.017	0.009	-
247	10:10	0.000	0.000	242	10:10	0.007	0.009	-
248	10:11	0.000	0.000	243	10:11	0.008	0.009	-
249	10:12	0.000	0.000	244	10:12	0.008	0.009	-
250	10:13	0.000	0.000	245	10:13	0.007	0.009	-
251	10:14	-0.001	0.000	246	10:14	0.007	0.009	-
252	10:15	-0.001	0.000	247	10:15	0.007	0.008	-
253	10:16	-0.001	0.000	248	10:16	0.008	0.008	-
254	10:17	-0.001	0.000	249	10:17	0.007	0.008	-
255	10:18	-0.001	0.000	250	10:18	0.007	0.008	-
256	10:19	-0.001	0.000	251	10:19	0.006	0.008	-
257	10:20	-0.001	0.000	252	10:20	0.008	0.008	-
258	10:21	0.000	0.000	253	10:21	0.009	0.008	-
259	10:22	-0.001	-0.001	254	10:22	0.008	0.008	-
260	10:23	-0.001	-0.001	255	10:23	0.007	0.008	-
261	10:24	-0.001	-0.001	256	10:24	0.006	0.007	-
262	10:25	-0.001	-0.001	257	10:25	0.007	0.007	-
263	10:26	-0.001	-0.001	258	10:26	0.007	0.007	-
264	10:27	-0.001	-0.001	259	10:27	0.007	0.007	-
265	10:28	-0.001	-0.001	260	10:28	0.007	0.007	-
266	10:29	-0.001	-0.001	261	10:29	0.007	0.007	-
267	10:30	-0.001	-0.001	262	10:30	0.007	0.007	-
268	10:31	-0.001	-0.001	263	10:31	0.007	0.007	-
269	10:32	-0.001	-0.001	264	10:32	0.007	0.007	-
270	10:33	-0.001	-0.001	265	10:33	0.007	0.007	-
271	10:34	-0.001	-0.001	266	10:34	0.007	0.007	-
272	10:35	-0.001	-0.001	267	10:35	0.008	0.007	-
273	10:36	-0.001	-0.001	268	10:36	0.007	0.007	-
274	10:37	-0.001	-0.001	269	10:37	0.008	0.007	-
275	10:38	-0.001	-0.001	270	10:38	0.007	0.007	-
276	10:39	-0.001	-0.001	271	10:39	0.007	0.007	-
277	10:40	-0.001	-0.001	272	10:40	0.007	0.007	-
278	10:41	-0.001	-0.001	273	10:41	0.007	0.007	-
279	10:42	-0.001	-0.001	274	10:42	0.007	0.007	-
280	10:43	-0.001	-0.001	275	10:43	0.007	0.007	-
281	10:44	0.000	-0.001	276	10:44	0.007	0.007	-
282	10:45	0.000	-0.001	277	10:45	0.006	0.007	-
283	10:46	0.000	-0.001	278	10:46	0.007	0.007	-
284	10:47	-0.001	-0.001	279	10:47	0.046	0.010	-
285	10:48	0.000	-0.001	280	10:48	0.008	0.010	-
286	10:49	-0.001	-0.001	281	10:49	0.007	0.010	-
287	10:50	-0.001	-0.001	282	10:50	0.008	0.010	-
288	10:51	-0.001	-0.001	283	10:51	0.008	0.010	-
289	10:52	-0.001	-0.001	284	10:52	0.007	0.010	-
290	10:53	-0.001	-0.001	285	10:53	0.007	0.010	-
291	10:54	-0.001	-0.001	286	10:54	0.007	0.010	-
292	10:55	-0.001	-0.001	287	10:55	0.008	0.010	-
293	10:56	-0.001	-0.001	288	10:56	0.007	0.010	-
294	10:57	-0.001	-0.001	289	10:57	0.007	0.010	-
295	10:58	-0.001	-0.001	290	10:58	0.012	0.010	-
296	10:59	-0.001	-0.001	291	10:59	0.008	0.010	-
297	11:00	-0.001	-0.001	292	11:00	0.007	0.010	-
298	11:01	-0.001	-0.001	293	11:01	0.007	0.010	-
299	11:02	-0.001	-0.001	294	11:02	0.008	0.008	-
300	11:03	0.000	-0.001	295	11:03	0.008	0.008	-
301	11:04	0.000	-0.001	296	11:04	0.009	0.008	-
302	11:05	0.000	-0.001	297	11:05	0.010	0.008	-
303	11:06	-0.001	-0.001	298	11:06	0.009	0.008	-
304	11:07	-0.001	-0.001	299	11:07	0.008	0.008	-
305	11:08	-0.001	-0.001	300	11:08	0.009	0.008	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
306	11:09	-0.001	-0.001	301	11:09	0.009	0.008	-
307	11:10	-0.001	-0.001	302	11:10	0.011	0.009	-
308	11:11	-0.001	-0.001	303	11:11	0.011	0.009	-
309	11:12	-0.001	-0.001	304	11:12	0.010	0.009	-
310	11:13	-0.001	-0.001	305	11:13	0.009	0.009	-
311	11:14	-0.001	-0.001	306	11:14	0.008	0.009	-
312	11:15	-0.001	-0.001	307	11:15	0.008	0.009	-
313	11:16	-0.001	-0.001	308	11:16	0.009	0.009	-
314	11:17	-0.001	-0.001	309	11:17	0.008	0.009	-
315	11:18	-0.001	-0.001	310	11:18	0.008	0.009	-
316	11:19	-0.001	-0.001	311	11:19	0.008	0.009	-
317	11:20	-0.001	-0.001	312	11:20	0.008	0.009	-
318	11:21	-0.001	-0.001	313	11:21	0.008	0.009	-
319	11:22	-0.001	-0.001	314	11:22	0.008	0.009	-
320	11:23	-0.001	-0.001	315	11:23	0.009	0.009	-
321	11:24	-0.001	-0.001	316	11:24	0.008	0.009	-
322	11:25	-0.001	-0.001	317	11:25	0.008	0.009	-
323	11:26	-0.001	-0.001	318	11:26	0.008	0.008	-
324	11:27	-0.001	-0.001	319	11:27	0.009	0.008	-
325	11:28	-0.001	-0.001	320	11:28	0.010	0.008	-
326	11:29	-0.001	-0.001	321	11:29	0.012	0.009	-
327	11:30	-0.002	-0.001	322	11:30	0.015	0.009	-
328	11:31	-0.002	-0.001	323	11:31	0.011	0.009	-
329	11:32	-0.001	-0.001	324	11:32	0.009	0.009	-
330	11:33	-0.002	-0.001	325	11:33	0.009	0.009	-
331	11:34	-0.002	-0.001	326	11:34	0.009	0.009	-
332	11:35	-0.002	-0.001	327	11:35	0.009	0.009	-
333	11:36	-0.002	-0.001	328	11:36	0.009	0.010	-
334	11:37	-0.002	-0.001	329	11:37	0.009	0.010	-
335	11:38	-0.002	-0.002	330	11:38	0.009	0.010	-
336	11:39	-0.002	-0.002	331	11:39	0.009	0.010	-
337	11:40	-0.001	-0.002	332	11:40	0.011	0.010	-
338	11:41	-0.001	-0.002	333	11:41	0.009	0.010	-
339	11:42	-0.001	-0.002	334	11:42	0.010	0.010	-
340	11:43	-0.001	-0.002	335	11:43	0.010	0.010	-
341	11:44	-0.001	-0.002	336	11:44	0.009	0.010	-
342	11:45	-0.001	-0.002	337	11:45	0.009	0.009	-
343	11:46	-0.001	-0.001	338	11:46	0.009	0.009	-
344	11:47	-0.002	-0.002	339	11:47	0.010	0.009	-
345	11:48	-0.002	-0.002	340	11:48	0.009	0.009	-
346	11:49	-0.002	-0.002	341	11:49	0.009	0.009	-
347	11:50	-0.001	-0.001	342	11:50	0.009	0.009	-
348	11:51	-0.002	-0.001	343	11:51	0.009	0.009	-
349	11:52	-0.002	-0.001	344	11:52	0.009	0.009	-
350	11:53	-0.001	-0.001	345	11:53	0.009	0.009	-
351	11:54	-0.001	-0.001	346	11:54	0.009	0.009	-
352	11:55	-0.002	-0.001	347	11:55	0.009	0.009	-
353	11:56	-0.002	-0.001	348	11:56	0.009	0.009	-
354	11:57	-0.001	-0.001	349	11:57	0.009	0.009	-
355	11:58	-0.001	-0.001	350	11:58	0.009	0.009	-
356	11:59	-0.001	-0.001	351	11:59	0.010	0.009	-
357	12:00	-0.001	-0.001	352	12:00	0.010	0.009	-
358	12:01	-0.001	-0.001	353	12:01	0.011	0.009	-
359	12:02	-0.002	-0.001	354	12:02	0.011	0.009	-
360	12:03	-0.002	-0.001	355	12:03	0.010	0.009	-
361	12:04	-0.002	-0.001	356	12:04	0.011	0.010	-
362	12:05	-0.002	-0.002	357	12:05	0.011	0.010	-
363	12:06	-0.002	-0.002	358	12:06	0.011	0.010	-
364	12:07	-0.002	-0.002	359	12:07	0.011	0.010	-
365	12:08	-0.001	-0.002	360	12:08	0.012	0.010	-
366	12:09	-0.001	-0.002	361	12:09	0.011	0.010	-
367	12:10	-0.001	-0.001	362	12:10	0.012	0.011	-
368	12:11	-0.002	-0.001	363	12:11	0.010	0.011	-

PARTICULATE DATA								
UPWIND				DOWNWIND				
Upwind DustTrak Data Summary				Downwind DustTrak Data Summary				
369	12:12	-0.001	-0.001	364	12:12	0.011	0.011	-
370	12:13	-0.001	-0.001	365	12:13	0.010	0.011	-
371	12:14	-0.001	-0.001	366	12:14	0.011	0.011	-
372	12:15	-0.002	-0.002	367	12:15	0.011	0.011	-
373	12:16	-0.002	-0.002	368	12:16	0.010	0.011	-
374	12:17	-0.001	-0.002	369	12:17	0.010	0.011	-
375	12:18	-0.002	-0.002	370	12:18	0.011	0.011	-
376	12:19	-0.002	-0.002	371	12:19	0.015	0.011	-
377	12:20	-0.002	-0.002	372	12:20	0.012	0.011	-
378	12:21	-0.002	-0.002	373	12:21	0.011	0.011	-
379	12:22	-0.001	-0.001	374	12:22	0.011	0.011	
380	12:23	-0.002	-0.002	375	12:23	0.012	0.011	
381	12:24	-0.002	-0.002	376	12:24	0.012	0.011	
382	12:25	0.000	-0.002	377	12:25	0.032	0.013	
383	12:26	0.000	-0.001	378	12:26	0.018	0.013	

Thursday, March 30, 2017

Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 = 0

Number of Comparable Data Points = 352

ORGANIC VAPOR DATA

UPWIND				**DOWNWIND**				
Upwind PID Data Summary				**Downwind PID Data Summary**				
Average	0.1	ppm		Average	0.4	ppm		
Max 15-Minute Average	0.2	ppm		Max 15-Minute Average	0.4	ppm		
Minimum	0.0	ppm		Minimum	0.0	ppm		
Maximum	0.2	ppm		Maximum	0.4	ppm		
	Time	**VOC (ppm)**	**15-Minute Average**		**Time**	**VOC (ppm)**	**15-Minute Average**	**Exceeds VOCs Alarm Limits**
				1	6:14	0.01		
				2	6:15	0.02		
				3	6:16	0.04		
				4	6:17	0.08		
				5	6:18	0.11		
				6	6:19	0.14		
				7	6:20	0.16		
				8	6:21	0.18		
				9	6:22	0.19		
				10	6:23	0.21		
				11	6:24	0.22		
				12	6:25	0.23		
				13	6:26	0.23		
				14	6:27	0.24		
				15	6:28	0.24	0.2	-
				16	6:29	0.25	0.2	-
				17	6:30	0.25	0.2	-
				18	6:31	0.25	0.2	-
1	6:32	0.04		19	6:32	0.25	0.2	-
2	6:33	0.02		20	6:33	0.26	0.2	-
3	6:34	0.00		21	6:34	0.26	0.2	-
4	6:35	0.00		22	6:35	0.26	0.2	-
5	6:36	0.00		23	6:36	0.26	0.2	-
6	6:37	0.00		24	6:37	0.26	0.2	-
7	6:38	0.00		25	6:38	0.28	0.2	-
8	6:39	0.00		26	6:39	0.28	0.3	-
9	6:40	0.00		27	6:40	0.28	0.3	-
10	6:41	0.00		28	6:41	0.29	0.3	-
11	6:42	0.00		29	6:42	0.29	0.3	-
12	6:43	0.00		30	6:43	0.29	0.3	-
13	6:44	0.00		31	6:44	0.30	0.3	-
14	6:45	0.00		32	6:45	0.30	0.3	-
15	6:46	0.00	0.0	33	6:46	0.30	0.3	-
16	6:47	0.00	0.0	34	6:47	0.30	0.3	-
17	6:48	0.00	0.0	35	6:48	0.30	0.3	-
18	6:49	0.00	0.0	36	6:49	0.29	0.3	-
19	6:50	0.00	0.0	37	6:50	0.30	0.3	-
20	6:51	0.00	0.0	38	6:51	0.30	0.3	-
21	6:52	0.00	0.0	39	6:52	0.30	0.3	-
22	6:53	0.01	0.0	40	6:53	0.31	0.3	-
23	6:54	0.00	0.0	41	6:54	0.31	0.3	-
24	6:55	0.00	0.0	42	6:55	0.32	0.3	-
25	6:56	0.00	0.0	43	6:56	0.32	0.3	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
26	6:57	0.00	0.0	44	6:57	0.33	0.3	-
27	6:58	0.00	0.0	45	6:58	0.32	0.3	-
28	6:59	0.00	0.0	46	6:59	0.31	0.3	-
29	7:00	0.00	0.0	47	7:00	0.31	0.3	-
30	7:01	0.00	0.0	48	7:01	0.31	0.3	-
31	7:02	0.00	0.0	49	7:02	0.32	0.3	-
32	7:03	0.00	0.0	50	7:03	0.32	0.3	-
33	7:04	0.00	0.0	51	7:04	0.32	0.3	-
34	7:05	0.00	0.0	52	7:05	0.33	0.3	-
35	7:06	0.00	0.0	53	7:06	0.33	0.3	-
36	7:07	0.01	0.0	54	7:07	0.33	0.3	-
37	7:08	0.02	0.0	55	7:08	0.33	0.3	-
38	7:09	0.01	0.0	56	7:09	0.33	0.3	-
39	7:10	0.01	0.0	57	7:10	0.33	0.3	-
40	7:11	0.02	0.0	58	7:11	0.33	0.3	-
41	7:12	0.01	0.0	59	7:12	0.33	0.3	-
42	7:13	0.01	0.0	60	7:13	0.33	0.3	-
43	7:14	0.01	0.0	61	7:14	0.33	0.3	-
44	7:15	0.01	0.0	62	7:15	0.33	0.3	-
45	7:16	0.01	0.0	63	7:16	0.33	0.3	-
46	7:17	0.02	0.0	64	7:17	0.33	0.3	-
47	7:18	0.02	0.0	65	7:18	0.33	0.3	-
48	7:19	0.02	0.0	66	7:19	0.34	0.3	-
49	7:20	0.02	0.0	67	7:20	0.34	0.3	-
50	7:21	0.02	0.0	68	7:21	0.34	0.3	-
51	7:22	0.02	0.0	69	7:22	0.34	0.3	-
52	7:23	0.02	0.0	70	7:23	0.35	0.3	-
53	7:24	0.02	0.0	71	7:24	0.35	0.3	-
54	7:25	0.03	0.0	72	7:25	0.35	0.3	-
55	7:26	0.03	0.0	73	7:26	0.34	0.3	-
56	7:27	0.03	0.0	74	7:27	0.34	0.3	-
57	7:28	0.03	0.0	75	7:28	0.35	0.3	-
58	7:29	0.03	0.0	76	7:29	0.34	0.3	-
59	7:30	0.03	0.0	77	7:30	0.35	0.3	-
60	7:31	0.03	0.0	78	7:31	0.35	0.3	-
61	7:32	0.03	0.0	79	7:32	0.36	0.3	-
62	7:33	0.03	0.0	80	7:33	0.37	0.3	-
63	7:34	0.04	0.0	81	7:34	0.36	0.3	-
64	7:35	0.04	0.0	82	7:35	0.36	0.4	-
65	7:36	0.03	0.0	83	7:36	0.36	0.4	-
66	7:37	0.04	0.0	84	7:37	0.37	0.4	-
67	7:38	0.04	0.0	85	7:38	0.37	0.4	-
68	7:39	0.04	0.0	86	7:39	0.37	0.4	-
69	7:40	0.04	0.0	87	7:40	0.36	0.4	-
70	7:41	0.04	0.0	88	7:41	0.36	0.4	-
71	7:42	0.04	0.0	89	7:42	0.35	0.4	-
72	7:43	0.04	0.0	90	7:43	0.36	0.4	-
73	7:44	0.05	0.0	91	7:44	0.36	0.4	-
74	7:45	0.04	0.0	92	7:45	0.36	0.4	-
75	7:46	0.04	0.0	93	7:46	0.36	0.4	-
76	7:47	0.05	0.0	94	7:47	0.37	0.4	-
77	7:48	0.05	0.0	95	7:48	0.37	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
78	7:49	0.05	0.0	96	7:49	0.37	0.4	-
79	7:50	0.05	0.0	97	7:50	0.37	0.4	-
80	7:51	0.05	0.0	98	7:51	0.36	0.4	-
81	7:52	0.04	0.0	99	7:52	0.36	0.4	-
82	7:53	0.05	0.0	100	7:53	0.36	0.4	-
83	7:54	0.05	0.0	101	7:54	0.36	0.4	-
84	7:55	0.05	0.0	102	7:55	0.37	0.4	-
85	7:56	0.05	0.0	103	7:56	0.37	0.4	-
86	7:57	0.05	0.0	104	7:57	0.37	0.4	-
87	7:58	0.05	0.0	105	7:58	0.37	0.4	-
88	7:59	0.05	0.0	106	7:59	0.37	0.4	-
89	8:00	0.06	0.0	107	8:00	0.37	0.4	-
90	8:01	0.06	0.0	108	8:01	0.37	0.4	-
91	8:02	0.06	0.1	109	8:02	0.37	0.4	-
92	8:03	0.06	0.1	110	8:03	0.37	0.4	-
93	8:04	0.05	0.1	111	8:04	0.37	0.4	-
94	8:05	0.06	0.1	112	8:05	0.37	0.4	-
95	8:06	0.06	0.1	113	8:06	0.38	0.4	-
96	8:07	0.06	0.1	114	8:07	0.38	0.4	-
97	8:08	0.06	0.1	115	8:08	0.38	0.4	-
98	8:09	0.06	0.1	116	8:09	0.38	0.4	-
99	8:10	0.06	0.1	117	8:10	0.38	0.4	-
100	8:11	0.06	0.1	118	8:11	0.39	0.4	-
101	8:12	0.06	0.1	119	8:12	0.39	0.4	-
102	8:13	0.06	0.1	120	8:13	0.39	0.4	-
103	8:14	0.06	0.1	121	8:14	0.39	0.4	-
104	8:15	0.06	0.1	122	8:15	0.39	0.4	-
105	8:16	0.06	0.1	123	8:16	0.39	0.4	-
106	8:17	0.06	0.1	124	8:17	0.39	0.4	-
107	8:18	0.06	0.1	125	8:18	0.39	0.4	-
108	8:19	0.06	0.1	126	8:19	0.39	0.4	-
109	8:20	0.06	0.1	127	8:20	0.38	0.4	-
110	8:21	0.06	0.1	128	8:21	0.38	0.4	-
111	8:22	0.06	0.1	129	8:22	0.39	0.4	-
112	8:23	0.07	0.1	130	8:23	0.37	0.4	-
113	8:24	0.06	0.1	131	8:24	0.38	0.4	-
114	8:25	0.06	0.1	132	8:25	0.38	0.4	-
115	8:26	0.06	0.1	133	8:26	0.38	0.4	-
116	8:27	0.07	0.1	134	8:27	0.38	0.4	-
117	8:28	0.07	0.1	135	8:28	0.37	0.4	-
118	8:29	0.07	0.1	136	8:29	0.38	0.4	-
119	8:30	0.07	0.1	137	8:30	0.38	0.4	-
120	8:31	0.07	0.1	138	8:31	0.37	0.4	-
121	8:32	0.07	0.1	139	8:32	0.37	0.4	-
122	8:33	0.07	0.1	140	8:33	0.37	0.4	-
123	8:34	0.07	0.1	141	8:34	0.38	0.4	-
124	8:35	0.07	0.1	142	8:35	0.38	0.4	-
125	8:36	0.08	0.1	143	8:36	0.38	0.4	-
126	8:37	0.08	0.1	144	8:37	0.38	0.4	-
127	8:38	0.08	0.1	145	8:38	0.39	0.4	-
128	8:39	0.08	0.1	146	8:39	0.39	0.4	-
129	8:40	0.08	0.1	147	8:40	0.39	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
130	8:41	0.07	0.1	148	8:41	0.37	0.4	-
131	8:42	0.08	0.1	149	8:42	0.38	0.4	-
132	8:43	0.07	0.1	150	8:43	0.37	0.4	-
133	8:44	0.08	0.1	151	8:44	0.37	0.4	-
134	8:45	0.07	0.1	152	8:45	0.37	0.4	-
135	8:46	0.07	0.1	153	8:46	0.37	0.4	-
136	8:47	0.07	0.1	154	8:47	0.35	0.4	-
137	8:48	0.08	0.1	155	8:48	0.36	0.4	-
138	8:49	0.08	0.1	156	8:49	0.37	0.4	-
139	8:50	0.08	0.1	157	8:50	0.37	0.4	-
140	8:51	0.08	0.1	158	8:51	0.36	0.4	-
141	8:52	0.08	0.1	159	8:52	0.36	0.4	-
142	8:53	0.08	0.1	160	8:53	0.36	0.4	-
143	8:54	0.09	0.1	161	8:54	0.36	0.4	-
144	8:55	0.09	0.1	162	8:55	0.32	0.4	-
145	8:56	0.10	0.1	163	8:56	0.24	0.4	-
146	8:57	0.09	0.1	164	8:57	0.26	0.3	-
147	8:58	0.09	0.1	165	8:58	0.28	0.3	-
148	8:59	0.09	0.1	166	8:59	0.30	0.3	-
149	9:00	0.09	0.1	167	9:00	0.32	0.3	-
150	9:01	0.09	0.1	168	9:01	0.33	0.3	-
151	9:02	0.10	0.1	169	9:02	0.33	0.3	-
152	9:03	0.10	0.1	170	9:03	0.34	0.3	-
153	9:04	0.10	0.1	171	9:04	0.35	0.3	-
154	9:05	0.10	0.1	172	9:05	0.36	0.3	-
155	9:06	0.10	0.1	173	9:06	0.36	0.3	-
156	9:07	0.10	0.1	174	9:07	0.37	0.3	-
157	9:08	0.10	0.1	175	9:08	0.37	0.3	-
158	9:09	0.10	0.1	176	9:09	0.37	0.3	-
159	9:10	0.10	0.1	177	9:10	0.37	0.3	-
160	9:11	0.10	0.1	178	9:11	0.36	0.3	-
161	9:12	0.10	0.1	179	9:12	0.36	0.3	-
162	9:13	0.10	0.1	180	9:13	0.36	0.3	-
163	9:14	0.11	0.1	181	9:14	0.37	0.4	-
164	9:15	0.11	0.1	182	9:15	0.37	0.4	-
165	9:16	0.12	0.1	183	9:16	0.38	0.4	-
166	9:17	0.12	0.1	184	9:17	0.36	0.4	-
167	9:18	0.12	0.1	185	9:18	0.36	0.4	-
168	9:19	0.12	0.1	186	9:19	0.37	0.4	-
169	9:20	0.12	0.1	187	9:20	0.38	0.4	-
170	9:21	0.12	0.1	188	9:21	0.38	0.4	-
171	9:22	0.12	0.1	189	9:22	0.38	0.4	-
172	9:23	0.12	0.1	190	9:23	0.38	0.4	-
173	9:24	0.12	0.1	191	9:24	0.39	0.4	-
174	9:25	0.12	0.1	192	9:25	0.39	0.4	-
175	9:26	0.13	0.1	193	9:26	0.39	0.4	-
176	9:27	0.13	0.1	194	9:27	0.39	0.4	-
177	9:28	0.12	0.1	195	9:28	0.38	0.4	-
178	9:29	0.12	0.1	196	9:29	0.38	0.4	-
179	9:30	0.12	0.1	197	9:30	0.37	0.4	-
180	9:31	0.12	0.1	198	9:31	0.36	0.4	-
181	9:32	0.12	0.1	199	9:32	0.35	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
182	9:33	0.12	0.1	200	9:33	0.36	0.4	-
183	9:34	0.12	0.1	201	9:34	0.36	0.4	-
184	9:35	0.12	0.1	202	9:35	0.37	0.4	-
185	9:36	0.13	0.1	203	9:36	0.37	0.4	-
186	9:37	0.13	0.1	204	9:37	0.37	0.4	-
187	9:38	0.13	0.1	205	9:38	0.38	0.4	-
188	9:39	0.13	0.1	206	9:39	0.38	0.4	-
189	9:40	0.13	0.1	207	9:40	0.37	0.4	-
190	9:41	0.13	0.1	208	9:41	0.36	0.4	-
191	9:42	0.13	0.1	209	9:42	0.35	0.4	-
192	9:43	0.13	0.1	210	9:43	0.36	0.4	-
193	9:44	0.13	0.1	211	9:44	0.36	0.4	-
194	9:45	0.13	0.1	212	9:45	0.37	0.4	-
195	9:46	0.13	0.1	213	9:46	0.36	0.4	-
196	9:47	0.13	0.1	214	9:47	0.36	0.4	-
197	9:48	0.14	0.1	215	9:48	0.36	0.4	-
198	9:49	0.14	0.1	216	9:49	0.36	0.4	-
199	9:50	0.14	0.1	217	9:50	0.37	0.4	-
200	9:51	0.14	0.1	218	9:51	0.38	0.4	-
201	9:52	0.14	0.1	219	9:52	0.39	0.4	-
202	9:53	0.14	0.1	220	9:53	0.38	0.4	-
203	9:54	0.14	0.1	221	9:54	0.38	0.4	-
204	9:55	0.14	0.1	222	9:55	0.39	0.4	-
205	9:56	0.14	0.1	223	9:56	0.39	0.4	-
206	9:57	0.14	0.1	224	9:57	0.39	0.4	-
207	9:58	0.14	0.1	225	9:58	0.39	0.4	-
208	9:59	0.14	0.1	226	9:59	0.41	0.4	-
209	10:00	0.14	0.1	227	10:00	0.41	0.4	-
210	10:01	0.14	0.1	228	10:01	0.41	0.4	-
211	10:02	0.14	0.1	229	10:02	0.41	0.4	-
212	10:03	0.13	0.1	230	10:03	0.42	0.4	-
213	10:04	0.13	0.1	231	10:04	0.41	0.4	-
214	10:05	0.13	0.1	232	10:05	0.39	0.4	-
215	10:06	0.13	0.1	233	10:06	0.39	0.4	-
216	10:07	0.13	0.1	234	10:07	0.40	0.4	-
217	10:08	0.13	0.1	235	10:08	0.39	0.4	-
218	10:09	0.13	0.1	236	10:09	0.40	0.4	-
219	10:10	0.13	0.1	237	10:10	0.40	0.4	-
220	10:11	0.13	0.1	238	10:11	0.40	0.4	-
221	10:12	0.13	0.1	239	10:12	0.42	0.4	-
222	10:13	0.14	0.1	240	10:13	0.42	0.4	-
223	10:14	0.14	0.1	241	10:14	0.43	0.4	-
224	10:15	0.14	0.1	242	10:15	0.42	0.4	-
225	10:16	0.14	0.1	243	10:16	0.43	0.4	-
226	10:17	0.14	0.1	244	10:17	0.42	0.4	-
227	10:18	0.15	0.1	245	10:18	0.41	0.4	-
228	10:19	0.15	0.1	246	10:19	0.42	0.4	-
229	10:20	0.15	0.1	247	10:20	0.43	0.4	-
230	10:21	0.15	0.1	248	10:21	0.43	0.4	-
231	10:22	0.15	0.1	249	10:22	0.43	0.4	-
232	10:23	0.15	0.1	250	10:23	0.44	0.4	-
233	10:24	0.15	0.1	251	10:24	0.44	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
234	10:25	0.15	0.1	252	10:25	0.44	0.4	-
235	10:26	0.15	0.1	253	10:26	0.44	0.4	-
236	10:27	0.15	0.1	254	10:27	0.44	0.4	-
237	10:28	0.15	0.1	255	10:28	0.44	0.4	-
238	10:29	0.15	0.1	256	10:29	0.43	0.4	-
239	10:30	0.15	0.1	257	10:30	0.43	0.4	-
240	10:31	0.15	0.1	258	10:31	0.43	0.4	-
241	10:32	0.15	0.1	259	10:32	0.44	0.4	-
242	10:33	0.15	0.1	260	10:33	0.44	0.4	-
243	10:34	0.15	0.1	261	10:34	0.44	0.4	-
244	10:35	0.15	0.1	262	10:35	0.43	0.4	-
245	10:36	0.15	0.1	263	10:36	0.43	0.4	-
246	10:37	0.15	0.1	264	10:37	0.42	0.4	-
247	10:38	0.15	0.1	265	10:38	0.42	0.4	-
248	10:39	0.15	0.1	266	10:39	0.41	0.4	-
249	10:40	0.15	0.1	267	10:40	0.41	0.4	-
250	10:41	0.15	0.1	268	10:41	0.41	0.4	-
251	10:42	0.15	0.1	269	10:42	0.42	0.4	-
252	10:43	0.15	0.1	270	10:43	0.43	0.4	-
253	10:44	0.15	0.1	271	10:44	0.43	0.4	-
254	10:45	0.14	0.1	272	10:45	0.43	0.4	-
255	10:46	0.14	0.1	273	10:46	0.42	0.4	-
256	10:47	0.14	0.1	274	10:47	0.42	0.4	-
257	10:48	0.15	0.1	275	10:48	0.41	0.4	-
258	10:49	0.15	0.1	276	10:49	0.41	0.4	-
259	10:50	0.14	0.1	277	10:50	0.41	0.4	-
260	10:51	0.14	0.1	278	10:51	0.41	0.4	-
261	10:52	0.14	0.1	279	10:52	0.40	0.4	-
262	10:53	0.14	0.1	280	10:53	0.40	0.4	-
263	10:54	0.14	0.1	281	10:54	0.40	0.4	-
264	10:55	0.14	0.1	282	10:55	0.40	0.4	-
265	10:56	0.14	0.1	283	10:56	0.40	0.4	-
266	10:57	0.14	0.1	284	10:57	0.40	0.4	-
267	10:58	0.13	0.1	285	10:58	0.40	0.4	-
268	10:59	0.14	0.1	286	10:59	0.40	0.4	-
269	11:00	0.14	0.1	287	11:00	0.40	0.4	-
270	11:01	0.14	0.1	288	11:01	0.40	0.4	-
271	11:02	0.14	0.1	289	11:02	0.39	0.4	-
272	11:03	0.13	0.1	290	11:03	0.38	0.4	-
273	11:04	0.14	0.1	291	11:04	0.39	0.4	-
274	11:05	0.14	0.1	292	11:05	0.39	0.4	-
275	11:06	0.14	0.1	293	11:06	0.37	0.4	-
276	11:07	0.14	0.1	294	11:07	0.37	0.4	-
277	11:08	0.14	0.1	295	11:08	0.37	0.4	-
278	11:09	0.14	0.1	296	11:09	0.37	0.4	-
279	11:10	0.14	0.1	297	11:10	0.38	0.4	-
280	11:11	0.15	0.1	298	11:11	0.38	0.4	-
281	11:12	0.14	0.1	299	11:12	0.37	0.4	-
282	11:13	0.14	0.1	300	11:13	0.37	0.4	-
283	11:14	0.15	0.1	301	11:14	0.37	0.4	-
284	11:15	0.15	0.1	302	11:15	0.38	0.4	-
285	11:16	0.14	0.1	303	11:16	0.39	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
286	11:17	0.14	0.1	304	11:17	0.40	0.4	-
287	11:18	0.14	0.1	305	11:18	0.40	0.4	-
288	11:19	0.15	0.1	306	11:19	0.41	0.4	-
289	11:20	0.15	0.1	307	11:20	0.42	0.4	-
290	11:21	0.15	0.1	308	11:21	0.41	0.4	-
291	11:22	0.15	0.1	309	11:22	0.41	0.4	-
292	11:23	0.15	0.1	310	11:23	0.41	0.4	-
293	11:24	0.15	0.1	311	11:24	0.40	0.4	-
294	11:25	0.15	0.1	312	11:25	0.39	0.4	-
295	11:26	0.15	0.1	313	11:26	0.39	0.4	-
296	11:27	0.16	0.1	314	11:27	0.39	0.4	-
297	11:28	0.16	0.1	315	11:28	0.39	0.4	-
298	11:29	0.16	0.1	316	11:29	0.39	0.4	-
299	11:30	0.16	0.1	317	11:30	0.37	0.4	-
300	11:31	0.16	0.2	318	11:31	0.37	0.4	-
301	11:32	0.16	0.2	319	11:32	0.37	0.4	-
302	11:33	0.16	0.2	320	11:33	0.38	0.4	-
303	11:34	0.16	0.2	321	11:34	0.39	0.4	-
304	11:35	0.16	0.2	322	11:35	0.40	0.4	-
305	11:36	0.16	0.2	323	11:36	0.40	0.4	-
306	11:37	0.16	0.2	324	11:37	0.40	0.4	-
307	11:38	0.17	0.2	325	11:38	0.41	0.4	-
308	11:39	0.17	0.2	326	11:39	0.40	0.4	-
309	11:40	0.17	0.2	327	11:40	0.40	0.4	-
310	11:41	0.17	0.2	328	11:41	0.40	0.4	-
311	11:42	0.16	0.2	329	11:42	0.41	0.4	-
312	11:43	0.16	0.2	330	11:43	0.41	0.4	-
313	11:44	0.16	0.2	331	11:44	0.40	0.4	-
314	11:45	0.16	0.2	332	11:45	0.40	0.4	-
315	11:46	0.16	0.2	333	11:46	0.40	0.4	-
316	11:47	0.16	0.2	334	11:47	0.39	0.4	-
317	11:48	0.16	0.2	335	11:48	0.38	0.4	-
318	11:49	0.16	0.2	336	11:49	0.38	0.4	-
319	11:50	0.17	0.2	337	11:50	0.38	0.4	-
320	11:51	0.17	0.2	338	11:51	0.38	0.4	-
321	11:52	0.17	0.2	339	11:52	0.38	0.4	-
322	11:53	0.17	0.2	340	11:53	0.38	0.4	-
323	11:54	0.17	0.2	341	11:54	0.38	0.4	-
324	11:55	0.17	0.2	342	11:55	0.37	0.4	-
325	11:56	0.17	0.2	343	11:56	0.36	0.4	-
326	11:57	0.18	0.2	344	11:57	0.37	0.4	-
327	11:58	0.18	0.2	345	11:58	0.38	0.4	-
328	11:59	0.18	0.2	346	11:59	0.39	0.4	-
329	12:00	0.18	0.2	347	12:00	0.39	0.4	-
330	12:01	0.18	0.2	348	12:01	0.38	0.4	-
331	12:02	0.18	0.2	349	12:02	0.37	0.4	-
332	12:03	0.18	0.2	350	12:03	0.37	0.4	-
333	12:04	0.18	0.2	351	12:04	0.36	0.4	-
334	12:05	0.19	0.2	352	12:05	0.36	0.4	-
335	12:06	0.18	0.2	353	12:06	0.37	0.4	-
336	12:07	0.18	0.2	354	12:07	0.38	0.4	-
337	12:08	0.18	0.2	355	12:08	0.39	0.4	-

ORGANIC VAPOR DATA								
UPWIND				DOWNWIND				
Upwind PID Data Summary				Downwind PID Data Summary				
338	12:09	0.18	0.2	356	12:09	0.39	0.4	-
339	12:10	0.17	0.2	357	12:10	0.39	0.4	-
340	12:11	0.18	0.2	358	12:11	0.39	0.4	-
341	12:12	0.18	0.2	359	12:12	0.38	0.4	-
342	12:13	0.17	0.2	360	12:13	0.38	0.4	-
343	12:14	0.17	0.2	361	12:14	0.38	0.4	-
344	12:15	0.17	0.2	362	12:15	0.38	0.4	-
345	12:16	0.17	0.2	363	12:16	0.38	0.4	-
346	12:17	0.17	0.2	364	12:17	0.39	0.4	-
347	12:18	0.17	0.2	365	12:18	0.39	0.4	-
348	12:19	0.17	0.2	366	12:19	0.39	0.4	-
349	12:20	0.17	0.2	367	12:20	0.39	0.4	
350	12:21	0.17	0.2	368	12:21	0.38	0.4	
351	12:22	0.17	0.2	369	12:22	0.38	0.4	
352	12:23	0.17	0.2	370	12:23	0.39	0.4	
353	12:24	0.16	0.2	371	12:24	0.39	0.4	
354	12:25	0.16	0.2	372	12:25	0.40	0.4	
355	12:26	0.16	0.2	373	12:26	0.41	0.4	
356	12:27	0.16	0.2	374	12:27	0.41	0.4	
357	12:28	0.16	0.2	375	12:28	0.41	0.4	
358	12:29	0.16	0.2	376	12:29	0.41	0.4	
359	12:30	0.16	0.2	377	12:30	0.42	0.4	
360	12:31	0.16	0.2	378	12:31	0.42	0.4	
361	12:32	0.16	0.2	379	12:32	0.42	0.4	
362	12:33	0.16	0.2	380	12:33	0.41	0.4	
363	12:34	0.16	0.2	381	12:34	0.40	0.4	
364	12:35	0.16	0.2	382	12:35	0.40	0.4	
365	12:36	0.15	0.2	383	12:36	0.40	0.4	
366	12:37	0.15	0.2	384	12:37	0.38	0.4	

APPENDIX D

Daily Site Observation Reports

LANGAN

SITE OBSERVATION REPORT

PROJECT No.:	170316402		**DATE:**	Tues., 28 Feb 2017	
PROJECT:	Queens Plaza North	**CLIENT:** QPP LLC	**WEATHER:**	Clear, 40s & 50s, Wind: S 2-4 mph	
LOCATION:	29-47 Northern Boulevard and 29-23 Queens Plaza North, Queens, NY		**TIME:**	7:30am to 3:30pm	
CONTRACTOR:	AARCO Environmental Services Corp. (AARCO)		**LANGAN REP. :**	Eric Judge	

CONTRACTOR'S EQUIPMENT:	**PRESENT AT SITE:** **IRM Day 1**
Handheld Concrete Saw Handheld Jackhammer Combined Excavator and Loader.	Eric Judge – Langan Sam Lubanovic – Durst Brian Wyble, Juan Torres, Julio Cabrela – AARCO

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was present to observe the investigation of two fill ports located in the 41st Avenue and Northern Boulevard sidewalks adjacent to Block 403, Lots 11 and 6, respectively. Observed activities were as follows:

Site Activities

- AARCO was on-site at 8:25am to investigate the fill ports in the 41st Avenue and Northern Boulevard sidewalks.
- AARCO removed the sidewalk flag surrounding each fill port by saw cutting the edges of each flag and using a jackhammer to chop the concrete. Water was used to suppress dust during this process.
- 41st Avenue fill port
  - The fill port in the 41st Avenue sidewalk was attached to 90-degree elbow and a metal pipe about 1-foot in length. Upon completely breaking the concrete around the fill port, both the fill port and metal pipe fell into an about 1-foot diameter, 12-foot deep hole. The hole appears to extend into an abandoned, brick-encased vault underneath the sidewalk. There were no odors or photoionization detector (PID) readings above background at the mouth of the opening, and no staining or odors were observed in the vicinity of the fill port.
  - A piece of sheet metal was placed over the opening and secured in place using dowels, after which the disturbed sidewalk flag was replaced. The fill port is no longer in place.
- Northern Boulevard fill port
  - The fill port in the Northern Boulevard sidewalk was attached to a metal pipe (about 16 inches in length) that had been cut and placed over a 1.25-inch diameter polyvinyl chloride (PVC) pipe that extended about 22 feet below the top of pipe. There were no odors or PID readings above background at the PVC pipe's opening, and there was water in the PVC pipe starting at a depth of about 17 feet below the top of pipe. No staining or odors were observed in the vicinity of the fill port.
  - Following investigation of the PVC pipe, the disturbed sidewalk flag was replaced. The fill port was left-in-place atop the PVC pipe.
- AARCO used historic fill from Lot 6 to grade a ramp connecting Lot 6 to Lot 10 to accommodate truck access to the area of hazardous lead-impacted material identified on Lot 10.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Eric Judge **LANGAN**

SITE OBSERVATION REPORT

Material Tracking

No material was imported to or exported from the site.

Sampling

No samples were collected.

CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOC) or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels.

Particulate Monitoring (mg/m^3)			**Organic Vapor Monitoring (ppm)**		
Daily background	0.050		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.046	0.031	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.247	0.058	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.004	0.010	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	1.640	0.095	Maximum 1-min Instant Reading	0.1	0.1

mg/m^3 = micrograms per cubic meter ppm = parts per million

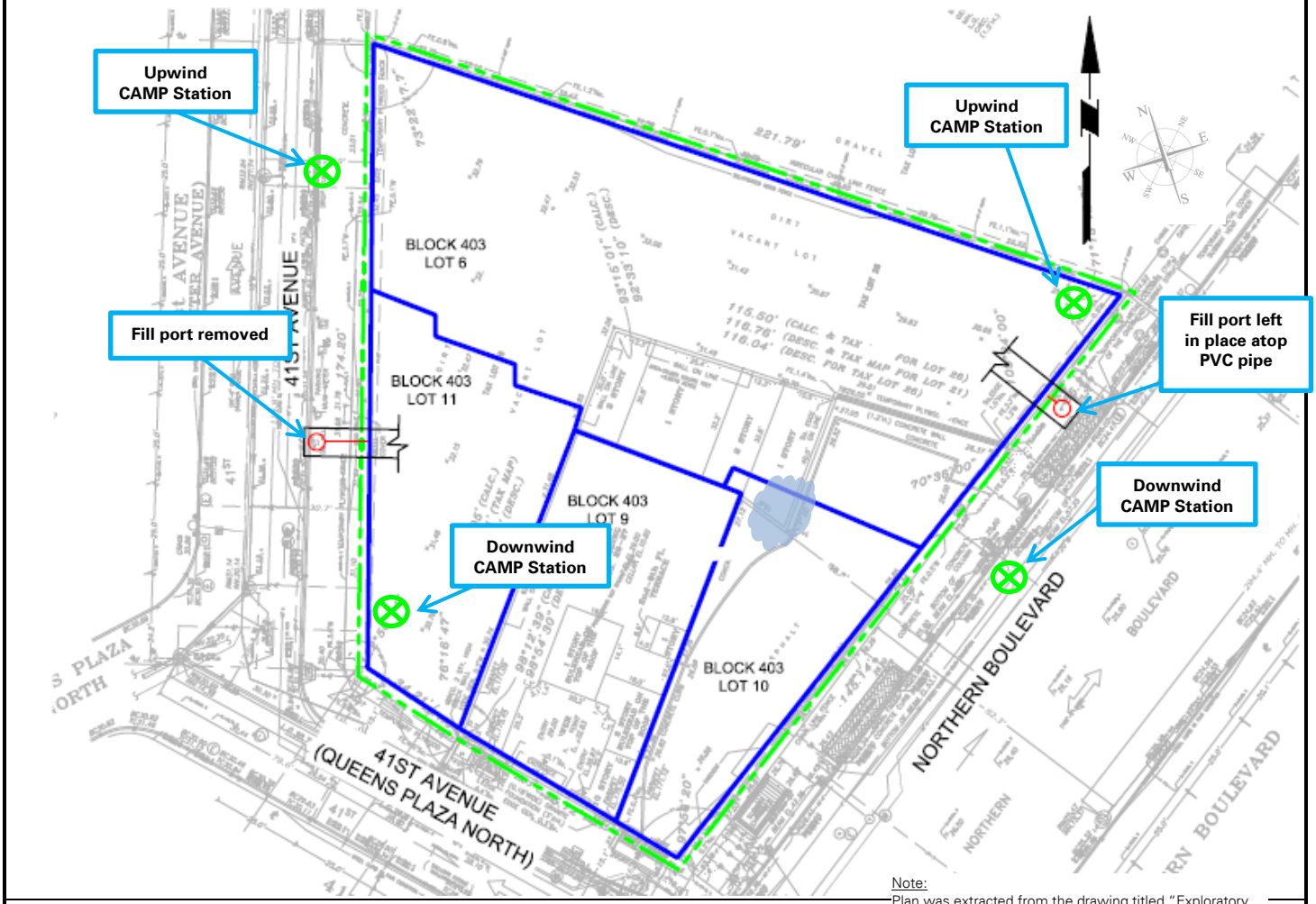
Anticipated Activities

The area of hazardous lead-impacted material identified on Lot 10 will be excavated for off-site transport and disposal at the Clean Earth of North Jersey facility (CENJ) located in Kearny, New Jersey. The excavated area will be backfilled to grade.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Eric Judge
			LANGAN

SITE OBSERVATION REPORT

FIGURE 1: INTERIM REMEDIAL MEASURE



Note:
Plan was extracted from the drawing titled "Exploratory Caisson Testing Plan", drawing number S-005.00, dated 30 December 2014, by WSP

Legend:

- Fill Port
- Approximate Ramp Grading Area
- CAMP Station (the CAMP stations were moved during the day, as necessary, to monitor fill port investigation.)

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Eric Judge **LANGAN**

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS

Photo 1: View of the hole in the 41st Avenue sidewalk where the fill port was previously located (facing southwest).

Photo 2: View of the PVC pipe that was attached to the fill port

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			LANGAN

SITE OBSERVATION REPORT

located in the Northern Boulevard sidewalk.

Photo 3: View of the ramp graded by AARCO to connect Lot 6 with Lot 10 (facing south).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Eric Judge
			LANGAN

LANGAN

SITE OBSERVATION REPORT

PROJECT No.:	170316402		**DATE:**	Wed., 8 March 2017	
PROJECT:	Queens Plaza North	**CLIENT:** QPP LLC	**WEATHER:**	Clear, 40s & 50s, Wind: NW 2-4 mph	
LOCATION:	29-47 Northern Boulevard and 29-23 Queens Plaza North, Queens, NY		**TIME:**	6:30am to 2:30pm	
CONTRACTOR:	AARCO Environmental Services Corp. (AARCO)		**LANGAN REP. :**	Woo Kim	

CONTRACTOR'S EQUIPMENT:	**PRESENT AT SITE:** **IRM Day 2**
Handheld Concrete Saw Combined Excavator and Loader.	Woo Kim – Langan Sam Lubanovic – Durst Juan Torres, Julio Cabrela – AARCO

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was present to observe and document removal of an area of hazardous lead-impacted material from 29-47 Northern Boulevard (i.e., Block 403, Lot 10). Observed activities were as follows:

Site Activities

- AARCO was on-site at 6:30am to begin excavation of the hazardous lead-impacted material on Lot 10.
- AARCO removed an area of asphalt (about 14 feet wide by 16 feet long) from the southeastern portion of the site and stockpiled the asphalt on Lot 10 in preparation for off-site transport and disposal.
- AARCO excavated about 25 cubic yards of hazardous lead-impacted material from the southeastern portion of the site to a depth of about 4.5 feet below grade surface (bgs). Excavated material was comprised of coarse- to fine-grained brown sand with varying amounts of gravel, concrete, and brick. No staining, odors, or photoionization detector (PID) readings above background were observed. Excavated material was loaded into one truck for off-site transport and disposal at the Clean Earth of North Jersey facility in Kearny, New Jersey.
- At 11:20am the New York City Transit Authority (NYCTA) stopped work at the site because of an insurance issue.
- About 40 cubic yards of recycled concrete aggregate (RCA) were imported to the site and stockpiled on Lot 10.
- Before leaving the site, AARCO covered the open excavation, import material stockpile, and asphalt stockpile with polyethylene sheeting.

Material Tracking

- AARCO exported one truckload (about 25 cubic yards) of hazardous lead-impacted material to the Clean Earth of New Jersey facility in Kearny, New Jersey.
- AARCO imported two truckloads (about 40 cubic yards) of ¾-inch RCA from the Evergreen Recycling of Corona facility in Flushing, New York.

Sampling

No samples were collected.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Woo Kim
			LANGAN

SITE OBSERVATION REPORT

CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOC) or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels.

Particulate Monitoring (mg/m^3)			**Organic Vapor Monitoring (ppm)**		
Daily background	0.003		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.001	0.011	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.006	0.030	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.000	0.004	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.051	0.166	Maximum 1-min Instant Reading	0.0	0.0

mg/m^3 = micrograms per cubic meter ppm = parts per million

Anticipated Activities

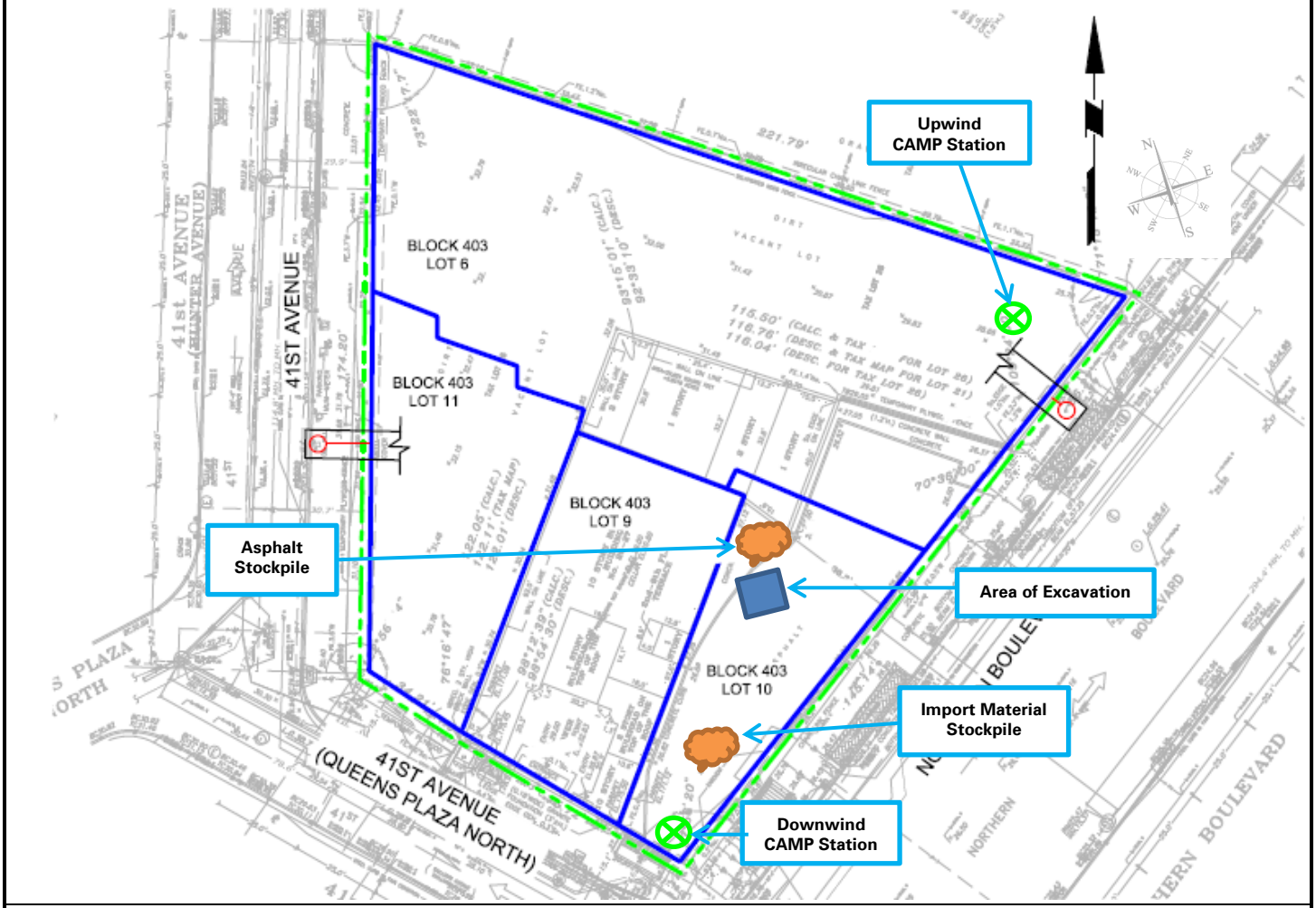
Continue excavation of hazardous lead-impacted material on Lot 10

.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Woo Kim
			LANGAN

SITE OBSERVATION REPORT

FIGURE 1: INTERIM REMEDIAL MEASURE



Legend:

- CAMP Station
- Approximate Area of Excavation
- Approximate Stockpile Location

Note:
Plan was extracted from the drawing titled "Exploratory Caisson Testing Plan", drawing number S-005.00, dated 30 December 2014, by WSP

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Woo Kim
			LANGAN

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS

Photo 1: AARCO using an excavator to remove asphalt from the excavation area (facing north).

Photo 2: AARCO loading a truck with hazardous lead-impacted material (facing northeast).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Woo Kim
			LANGAN

SITE OBSERVATION REPORT

Photo 3: AARCO importing ¾-inch RCA from
Evergreen Recycling of Corona (facing northwest).

Photo 4: AARCO covering the open excavation and RCA stockpile
with polyethylene sheeting (facing south).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Woo Kim
			LANGAN

LANGAN

SITE OBSERVATION REPORT

PROJECT No.:	170316402		**DATE:**	Wed., 29 March 2017	
PROJECT:	Queens Plaza North	**CLIENT:** QPP LLC	**WEATHER:**	Clear, 40s & 50s, Wind: N 5-10 mph	
LOCATION:	29-47 Northern Boulevard and 29-23 Queens Plaza North, Queens, NY		**TIME:**	6:30am to 1:30pm	
CONTRACTOR:	AARCO Environmental Services Corp. (AARCO)		**LANGAN REP. :**	Renate Crollini	

CONTRACTOR'S EQUIPMENT:
Handheld Shovel
Combined Excavator and Loader.

PRESENT AT SITE: **IRM Day 3**
Renate Crollini – Langan
Sam Lubanovic – Durst
Scott De Cotto, Roy Terlaga, Rob Martinez, Victor Zelaya, Will Scheiner – AARCO

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was present to observe and document removal of an area of hazardous lead-impacted material from 29-47 Northern Boulevard (i.e., Block 403, Lot 10). Observed activities were as follows:

Site Activities

- AARCO was on-site at 6:30am to continue excavation of the hazardous lead-impacted material on Lot 10.
- AARCO used hand tools to excavate about 40 cubic yards of hazardous lead-impacted material from the southeastern portion of the site to a depth of about 6 feet below grade surface (bgs). Excavated material was comprised of coarse- to fine-grained brown sand with varying amounts of gravel, concrete, and brick. No staining, odors, or photoionization detector (PID) readings above background were observed. Excavated material was stockpiled on polyethylene sheeting on Lot 10, and the stockpile was covered with polyethylene sheeting.
- Langan collected five confirmation soil samples from the excavation: one from each sidewall and one from the base of excavation.
- AARCO backfilled the excavation using previously stockpiled recycled concrete aggregate (RCA) imported to the site from the Evergreen Recycling of Corona facility in Flushing, New York.

Material Tracking

- No material was imported to the site.
- No material was exported from the site.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini **LANGAN**

SITE OBSERVATION REPORT

Sampling

Langan collected five confirmation soil samples for laboratory analysis of total and toxicity characteristic leaching procedure (TCLP) lead. The samples were submitted to Alpha Analytical, Inc., a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts. The sample names and locations were as follows:

- EP1_032917 was collected from a depth of about 3 feet bgs along the northern excavation sidewall;
- EP2_032917 was collected from a depth of about 4.5 feet bgs along the eastern excavation sidewall;
- EP3_032917 was collected from a depth of about 5 feet bgs along the southern excavation sidewall;
- EP4_032917 was collected from a depth of about 4 feet bgs along the southern excavation sidewall; and
- EP5_032917 was collected from the base of the excavation.

CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOC) or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels.

Particulate Monitoring (mg/m^3)			**Organic Vapor Monitoring (ppm)**		
Daily background	0.010		Daily Background	0.2	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.013	0.000	Daily Time Weighted Average	0.2	0.3
Maximum 15-min Average	0.000	0.004	Maximum 15-min Average	0.3	0.6
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.1
Maximum 1-min Instant Reading	0.000	0.007	Maximum 1-min Instant Reading	0.3	1.0

mg/m^3 = micrograms per cubic meter ppm = parts per million

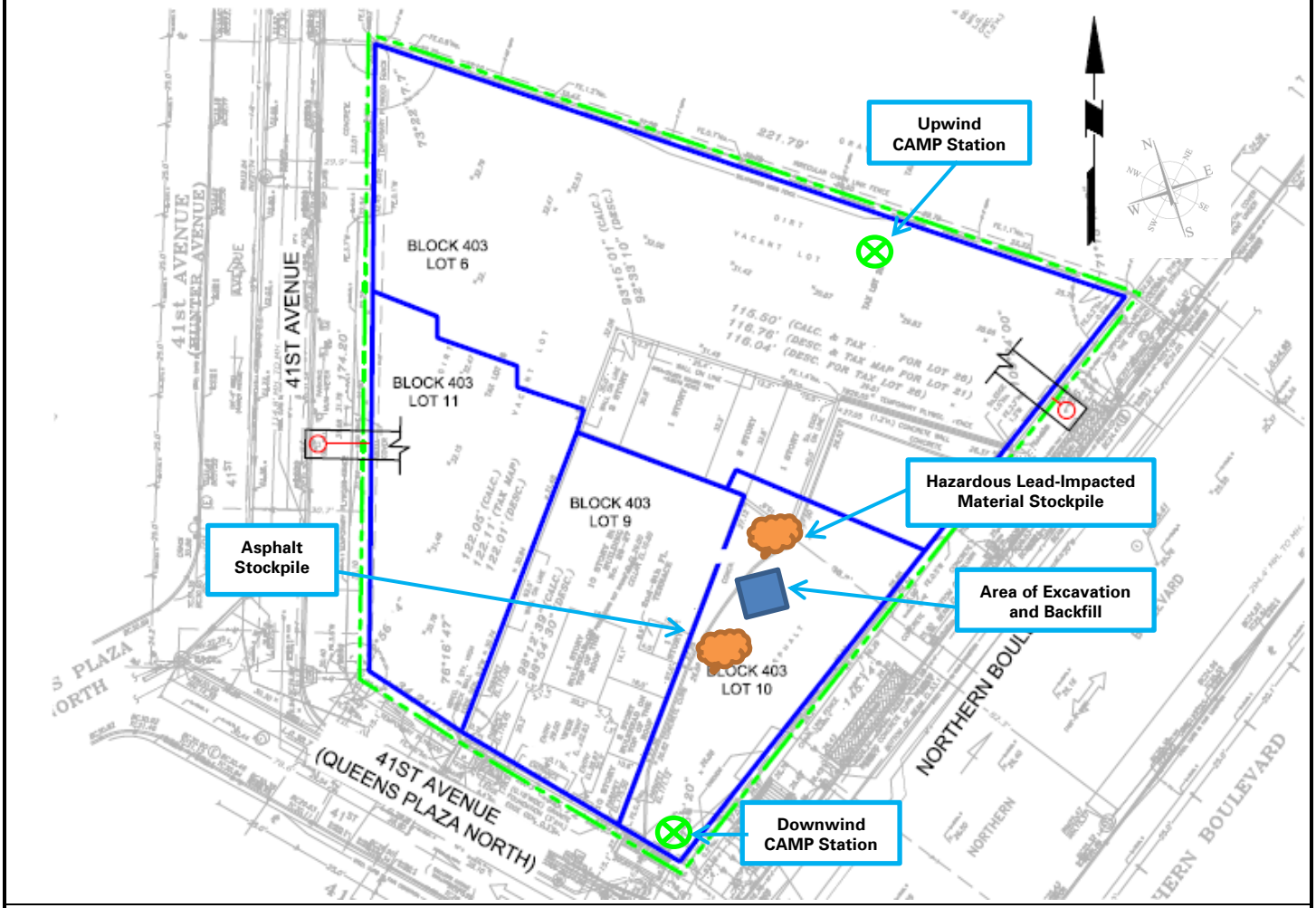
Anticipated Activities

The stockpile of hazardous lead-impacted material will be transported off-site and disposed of at the Clean Earth of North Jersey facility (CENJ) located in Kearny, New Jersey.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

FIGURE 1: INTERIM REMEDIAL MEASURE



Legend:

- CAMP Station
- Approximate Area of Excavation
- Approximate Stockpile Location

Note:
Plan was extracted from the drawing titled "Exploratory Caisson Testing Plan", drawing number S-005.00, dated 30 December 2014, by WSP

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS

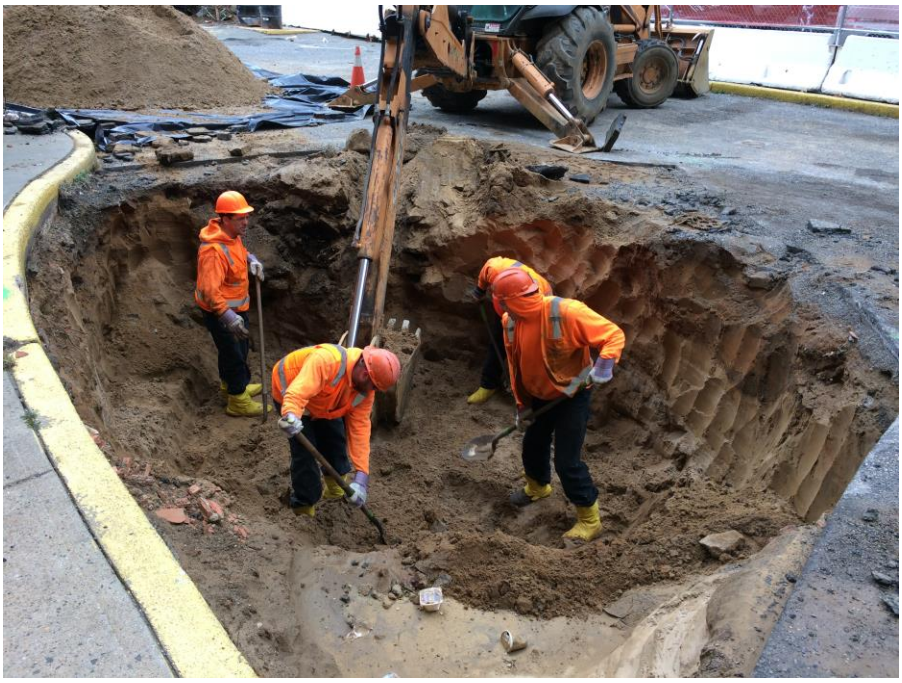


Photo 1: AARCO using shovels to excavate hazardous lead-impacted material (facing north).

Photo 2: AARCO backfilling the excavation with imported RCA (facing east).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

Photo 3: Stockpile of hazardous lead-impacted material sitting on top of and covered with polyethylene sheeting (facing northwest).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

LANGAN

SITE OBSERVATION REPORT

PROJECT No.:	170316402		**DATE:**	Thurs., 30 March 2017	
PROJECT:	Queens Plaza North	**CLIENT:** QPP LLC	**WEATHER:**	Clear, 40s & 50s, Wind: NW 5-10 mph	
LOCATION:	29-47 Northern Boulevard and 29-23 Queens Plaza North, Queens, NY		**TIME:**	6:30am to 2:15pm	
CONTRACTOR:	AARCO Environmental Services Corp. (AARCO)		**LANGAN REP. :**	Renate Crollini	

CONTRACTOR'S EQUIPMENT:
Handheld Shovel
Combined Excavator and Loader.

PRESENT AT SITE: **IRM Day 4**
Renate Crollini – Langan
Sam Lubanovic – Durst
Scott De Cotto, Roy Terlaga, Jose Romero, Will Scheiner – AARCO

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was present to observe and document removal of an area of hazardous lead-impacted material from 29-47 Northern Boulevard (i.e., Block 403, Lot 10). Observed activities were as follows:

Site Activities

- AARCO was on-site at 6:30am to continue removal of the hazardous lead-impacted material on Lot 10.
- Stockpiled hazardous lead-impacted material was loaded into two trucks for off-site transport and disposal at the Clean Earth of North Jersey facility in Kearny, New Jersey.
- About 40 cubic yards of recycled concrete aggregate (RCA) were imported to the site and used to backfill the excavation on Lot 10 to grade. Following placement as backfill, the RCA was compacted.
- Stockpiled asphalt was transported off-site to the Westbury facility in Long Island, New York.

Material Tracking

- AARCO exported two truckloads (about 50 cubic yards) of hazardous lead-impacted material to the Clean Earth of New Jersey facility in Kearny, New Jersey.
- AARCO imported two truckloads (about 40 cubic yards) of ¾-inch RCA from the Evergreen Recycling of Corona facility in Flushing, New York.

Sampling

No samples were collected.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities. No 15-minute average concentrations of volatile organic compounds (VOC) or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels.

Particulate Monitoring (mg/m^3)			**Organic Vapor Monitoring (ppm)**		
Daily background	0.015		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.001	0.019	Daily Time Weighted Average	0.1	0.4
Maximum 15-min Average	0.002	0.119	Maximum 15-min Average	0.2	0.4
Minimum 1-min Instant Reading	0.000	0.005	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.005	0.656	Maximum 1-min Instant Reading	0.2	0.4

mg/m^3 = micrograms per cubic meter ppm = parts per million

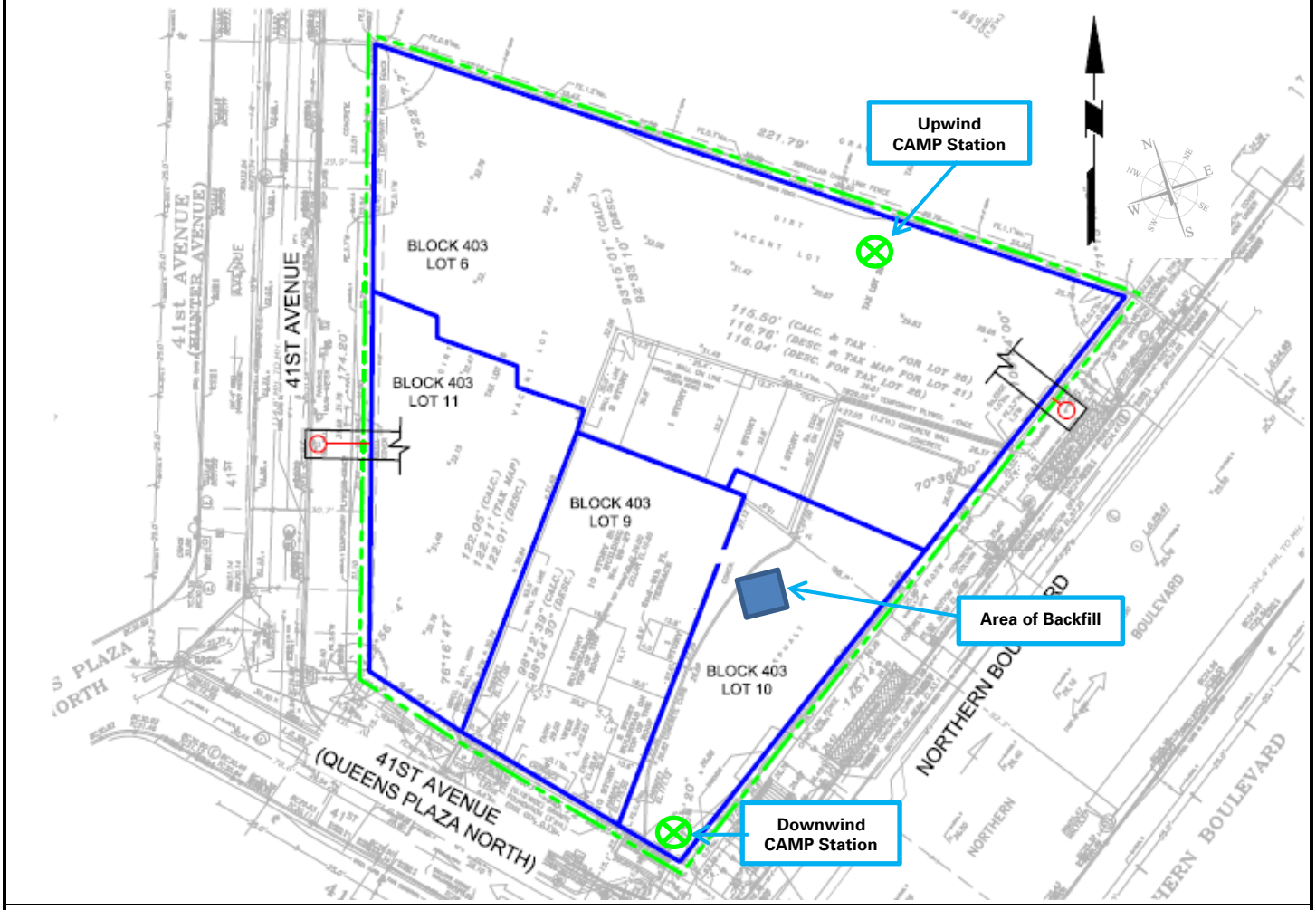
Anticipated Activities

The Interim Remedial Measure has been completed.

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

FIGURE 1: INTERIM REMEDIAL MEASURE



Legend:

- CAMP Station
- Approximate Area of Backfill

Note:
Plan was extracted from the drawing titled "Exploratory Caisson Testing Plan", drawing number S-005.00, dated 30 December 2014, by WSP

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS

Photo 1: AARCO loading a truck with hazardous lead-impacted material (facing north).

Photo 2: AARCO using shovels to backfill the excavation with RCA (facing north).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

SITE OBSERVATION REPORT

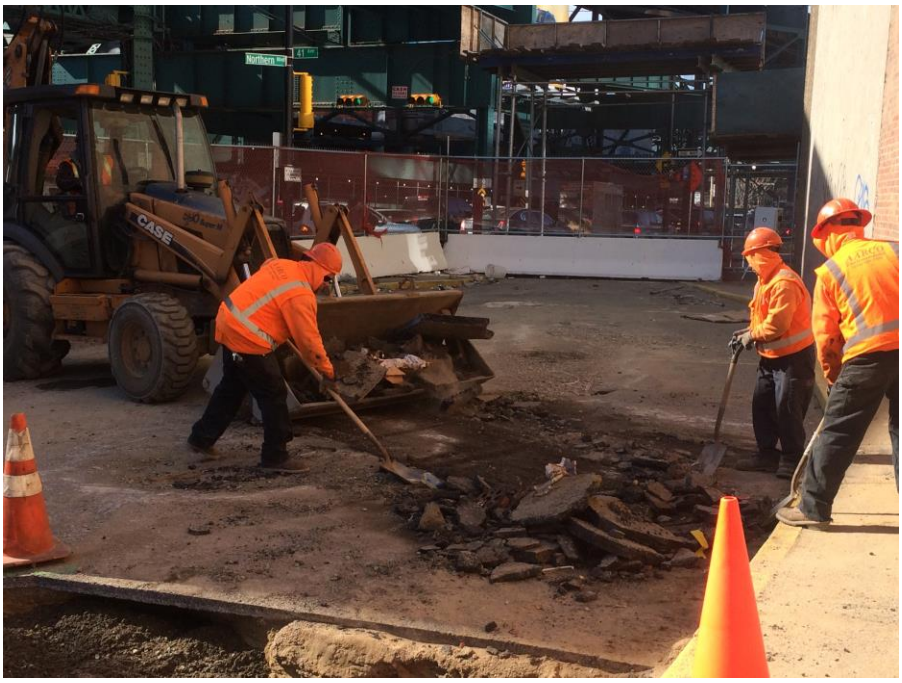


Photo 3: AARCO removing stockpiled asphalt (facing south).

Photo 4: Backfilled and compacted area of excavation on Lot 10 (facing south).

Cc:	M. Rogers, S. Knoop, M. Burke (Langan)	By:	Renate Crollini
			LANGAN

APPENDIX E

Photographic Log

Photo 1: AARCO removing the sidewalk around the abandoned fuel oil fill port located in the 41st Avenue sidewalk. (2/28/2017)

Photo 2: View of hole located beneath the abandoned fuel oil fill port in the 41st Avenue sidewalk. (2/28/2017)

Photo 3: View of the fuel oil fill port removed from the Northern Boulevard sidewalk. (2/28/2017)

Photo 4: View of the polyvinyl chloride (PVC) pipe located beneath the fill port in the Northern Boulevard sidewalk. (2/28/2017)

Photo 5: Placement of cones to mark-out the hazardous lead-impacted soil excavation on Lot 10. (2/28/2017)

Photo 6: AARCO removing surface cover from the hazardous lead-impacted soil excavation area on Lot 10. (3/8/2017)

Photo 7: AARCO loading a truck with hazardous lead-impacted soil for off-site transport and disposal. (3/8/2017)

Photo 8: AARCO unloading imported recycled concrete aggregate (RCA) on Lot 10. (3/8/2017)

Photo 9: AARCO excavating hazardous lead-impacted soil using hand tools. (3/29/2017)

Photo 10: View of the hazardous lead-impacted soil area following excavation. (3/29/2017)

Photo 11: AARCO using imported RCA to backfill the excavation on Lot 10. (3/29/2017)

Photo 12: View of the covered stockpile of hazardous lead-impacted soil at the end of the workday. (3/29/2017)

Photo 13: AARCO loading a truck with hazardous lead-impacted soil for off-site transport and disposal. (3/30/2017)

Photo 14: AARCO using RCA to backfill the excavation to grade. (3/30/2017)

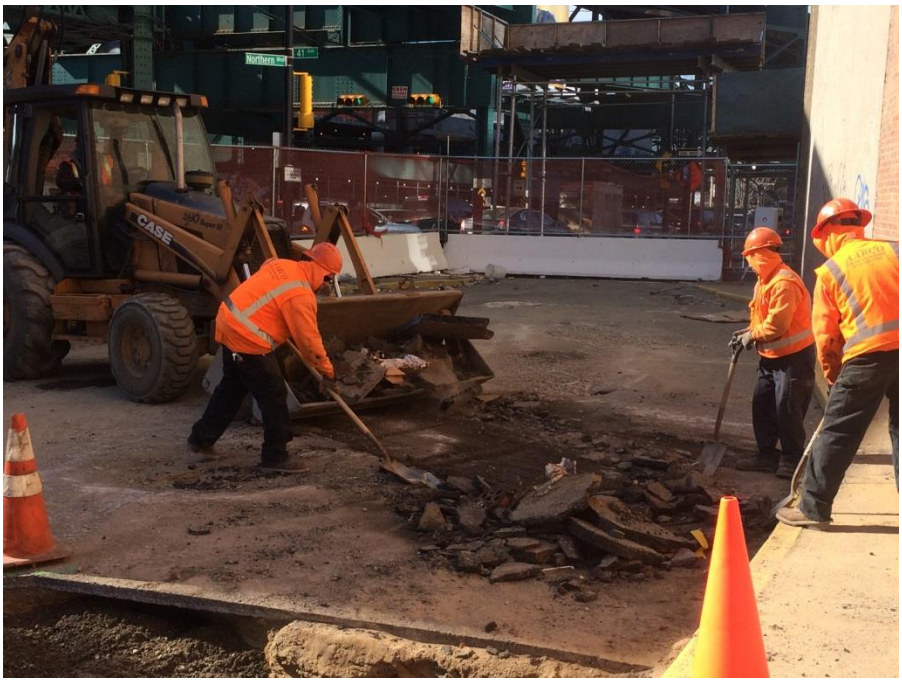


Photo 15: AARCO loading stockpiled asphalt for off-site transport. (3/30/2017)

Photo 16: View of the backfilled excavation on Lot 10. (3/30/2017)

APPENDIX F

Hazardous Waste Transporter Part 364 and Disposal Facility Permits

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

J & D TRUCKING, INC.
3526 NORTHWEST BOULEVARD
VINELAND, NJ 08360

CONTACT NAME: WILLIAM L. DURHAM, JR.
COUNTY: OUT OF STATE
TELEPHONE NO: (856)691-5145

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

EFFECTIVE DATE: 01/21/2017
EXPIRATION DATE: **01/20/2018**
US EPA ID NUMBER: NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
A&M COMPOSTING	MANHEIM , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
ATLANTIC COUNTY UTILITIES AUTHORITY	EGG HARBOR , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BELLMAWR WATERFRONT DEVELOPMENT	BELLMAWR , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BETHLEHEM EARTH, LP	BETHLEHEM , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BROOKE COUNTY LF	COLLIERS , WV	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
BURLINGTON COUNTY RESOURCE RECOVERY FACILITY	COLUMBUS , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CARTERET(CLEAN EARTH)	CARTERET , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF MARYLAND	HAGERSTOWN , MD	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF NEW CASTLE, INC.	NEW CASTLE , DE	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation
Division of Materials Management - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

AUTHORIZED SIGNATURE: _____ Date: 12/12/16

WASTE TRANSPORTER PERMIT

GENERAL CONDITIONS

The permittee must:

1. Carry a copy of this waste transporter permit in each vehicle to transport waste. Failure to produce a copy of the permit upon request is a violation of the permit.

2. Display the full name of the transporter on both sides of each vehicle and display the waste transporter permit number on both sides and rear of each vehicle containing waste. The displayed name and permit number must be in characters at least three inches high and of a color that contrasts sharply with the background.

3. Transport waste only in authorized vehicles. An authorized vehicle is one that is listed on this permit.

4. Submit to the Department a modification application for additions/deletions to the authorized fleet of vehicles. The permittee must wait for a modified permit before operating the vehicles identified in the modification application.

5. Submit to the Department a modification application to add a new waste category or a new destination facility, or to change the current waste or destination facility category. The permittee must wait for a modified permit before transporting new waste types or transporting to new destination facilities.

6. Submit to the Department a modification application for change of address or company name.

7. Comply with requirements for placarding and packaging as set forth in New York State Transportation Law as well as any applicable federal rules and regulations.

8. Contain all wastes in the vehicle so there is no leaking, blowing, or other discharge of waste.

9. Use vehicles to transport only materials not intended for human or animal consumption unless the vehicle is properly cleaned.

10. Comply with requirements for manifesting hazardous waste, regulated medical waste, or low-level radioactive waste as set forth in the New York State Environmental Conservation Law and the implementing regulations. Transporters who provide a pre-printed manifest to a generator/shipper/ offeror of regulated waste shall ensure that all information is correct and clearly legible on all copies of the manifest.

11. Deliver waste only to transfer, storage, treatment and disposal facilities authorized to accept such waste. Permittee must demonstrate that facilities are so authorized if requested to do so.

12. Maintain liability insurance as required by New York State Environmental Conservation Law.

13. Maintain records of the amount of each waste type transported to each destination facility on a calendar-year basis. The transporter is obligated to provide a report of this information to the Department at the time of permit renewal, or to any law enforcement officer, if requested to do so.

14. Pay regulatory fees on an annual basis. Non-payment may be cause for revocation or suspension of permit.

15. This permit is not transferrable. A change of ownership will invalidate this permit.

16. This permit does not relieve the permittee from the obligation to obtain any other approvals or permits, or from complying with any other applicable federal, state, or local requirement.

17. **Renewal applications must be submitted no less than 30 days prior to the expiration date of the permit to:**

New York State Department of Environmental Conservation
Division of Materials Management, Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

J & D TRUCKING, INC.
3526 NORTHWEST BOULEVARD
VINELAND, NJ 08360

CONTACT NAME: WILLIAM L. DURHAM, JR.
COUNTY: OUT OF STATE
TELEPHONE NO: (856)691-5145

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

EFFECTIVE DATE: 01/21/2017
EXPIRATION DATE: **01/20/2018**
US EPA ID NUMBER: NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
CLEAN EARTH OF NORTH JERSEY	KEARNY , NJ	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
CLEAN EARTH OF PHILADELPHIA	PHILADELPHIA , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CLEAN EARTH OF SOUTHEAST PENNSYLVANIA	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
COMMONWEALTH ENVIRONMENTAL SYSTEMS, LP	HEGINS , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CONESTOGA LANDFILL	MORGANTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CUMBERLAND COUNTY IMPROVEMENT AUTHORITY	MILLVILLE , NJ	Non-Hazardous Industrial/Commercial	
CUMBERLAND COUNTY LANDFILL	SHIPPENSBURG , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
CWM CHEMICAL SERVICES LLC	MODEL CITY , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Non-Residential Raw Sewage or Sewage-Contaminated Wastes Hazardous Industrial/Commercial	
CYCLE CHEM (NJ)	ELIZABETH , NJ	Petroleum Contaminated Soil Hazardous Industrial/Commercial	
ENVIRITE OF PENNSYLVANIA	YORK , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
ESMI OF NEW JERSEY	KEASBEY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
GLOUCESTER COUNTY IMPROVEMENT AUTHORITY	SWEDESBORO , NJ	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
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J & D TRUCKING, INC.
3526 NORTHWEST BOULEVARD
VINELAND, NJ 08360

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME:	WILLIAM L. DURHAM, JR.	EFFECTIVE DATE:	01/21/2017
COUNTY:	OUT OF STATE	EXPIRATION DATE:	**01/20/2018**
TELEPHONE NO:	(856)691-5145	US EPA ID NUMBER:	NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
GROWS LANDFILL NORTH	MORRISVILLE , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
HENRY HARRIS SLF (ALHERN, INC.)	MULLICA HILL , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
IMPACT REUSE AND RECOVERY CENTER	LYNDHURST , NJ	Non-Hazardous Industrial/Commercial	
JERC PARTNERS VII/LLC	EDISON , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
KEARNY POINT INDUSTRIAL PARK (KPIP)	SOUTH KEARNY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
KEYSTONE SANITARY LANDFILL	DUNMORE , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
LEHIGH VALLEY RECYCLING	COPLAY , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
LINCOLN PARK WEST LANDFILL	JERSEY CITY , NJ	Non-Hazardous Industrial/Commercial	
LINDEN DEVELOPMENT LLC (FORMER GM LINDEN ASSEMBLY PLANT)	LINDEN , NJ	Non-Hazardous Industrial/Commercial	
MALANKA (MALL) LANDFILL	SECAUCUS , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MAX ENVIRONMENTAL TECHNOLOGIES	BULGER , PA	Non-Hazardous Industrial/Commercial	
NEW YORK TERMINALS	ELIZABETH , NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Waste Oil	
NYS&W RAILWAY NORTH BERGEN NJ	NORTH BERGEN , NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial	
PHASE III ENVIRONMENTAL	PALMERTON , PA	Non-Hazardous Industrial/Commercial	
PIONEER CROSSING LANDFILL	BIRDSBORO , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL @ PERTH AMBOY	PERTH AMBOY , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
PURE SOIL TECHNOLOGIES	JACKSON TOWNSHIP , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC.	HATFIELD , PA	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
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3526 NORTHWEST BOULEVARD
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PERMIT TYPE:

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EFFECTIVE DATE: 01/21/2017
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US EPA ID NUMBER: NJR000029967

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
REPUBLIC ENVIRONMENTAL SYSTEMS (PA) INC.	HATFIELD , PA	Petroleum Contaminated Soil Grease Trap Waste Hazardous Industrial/Commercial Waste Oil	
Safety-Kleen	Buffalo , NY	Non-Hazardous Industrial/Commercial Waste Oil	
SAFETY-KLEEN SYSTEMS, INC	LINDEN , NJ	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Waste Oil	
SOIL SAFE, INC.	LOGAN TOWNSHIP , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
SOIL SAFE-METRO 12	CARTERET , NJ	Petroleum Contaminated Soil	
STAGGS LEAP	MULLICA HILL , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
T.M. MAINTENANCE	STATEN ISLAND , NY	Petroleum Contaminated Soil	
TETERBORO LANDING	TETERBORO , NJ	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
TOTAL RECYCLING CORPORATION/FULLERTON SLAG BANK	ALLENTOWN , PA	Non-Hazardous Industrial/Commercial	
TULLYTOWN RESOURCE RECOVERY FACILITY	TULLYTOWN , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
WESTSIDE TRANSLOAD LLC	NORTH BERGEN , NJ	Non-Hazardous Industrial/Commercial	
WETZEL COUNTY LANDFILL	NEW MARTINSVILLE , WV	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
WHITE PINES LANDFILL	MILLVILLE , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. NJ-471

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

J & D TRUCKING, INC.
3526 NORTHWEST BOULEVARD
VINELAND, NJ 08360

PERMIT TYPE:

☐ NEW
■ RENEWAL
☐ MODIFICATION

CONTACT NAME:	WILLIAM L. DURHAM, JR.	EFFECTIVE DATE:	01/21/2017
COUNTY:	OUT OF STATE	EXPIRATION DATE:	**01/20/2018**
TELEPHONE NO:	(856)691-5145	US EPA ID NUMBER:	NJR000029967

AUTHORIZED VEHICLES:
The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

31 (Thirty One) Permitted Vehicle(s)

NJ AJ504T
NJ AK488C
NJ AK807E
NJ AL487L
NJ AN569X
NJ AN570X
NJ AP736X
NJ AS337X
NJ AS338X
NJ AS339X
NJ AS381R
NJ AS382R
NJ AS677M
NJ AS678M
NJ AS754W
NJ AS755W
NJ AT122K
NJ AT896H
NJ AT897H
NJ AT898H
NJ AT899H
NJ AT900H
NJ AT901H
NJ AT902H
NJ AT903H
NJ AT904H
NJ AT905H
NJ AT906H
NJ AT907H
NJ AT940F
NJ AT960G
End of List

CLEANEARTH
Faster, smarter, greener solutions.™

March 1, 2017

Re: Queens Plaza North
Long Island, NY
NYSBCP Site No. C241171
Approval No. 173081544

Clean Earth of North Jersey, Inc. ("CENJ") has received and reviewed the following documents for the above referenced site:

- Queens Plaza North_RIR (8/23/16)
- Queens Plaza Park_Geotechnical Engineering Study (10/19/2015)
- Queens Plaza Park_Phase I ESA (11/23/16)
- Queens Plaza Park_Phase II ESI (11/03/14)
- Queens Plaza Park_SEWP (1/26/16)
- Queens Plaza Park_Supplemental Sampling Janurary 2015
- Queens Plaza Park_Waste Characterization Report 12/21/2015
- Alpha Lab Report (L1424624) & (L1424144)

This letter serves as *approval* of ~150 tons of Hazardous RCRA Lead contaminated soil/debris represented by the following sample IDs and all related grab and duplicate samples-

SB05 (0-2)

The approval number must be provided when scheduling and the Grid Name/Depth must be written on all manifests when shipping soils to CENJ.

Material will be generated from construction activities at the site. CENJ is aware that the soil located at the site is contaminated soil from a NYSBCP Site No. C241171.

This approval is based upon material being accurately represented by all information provided to CENJ at this time, including, but not limited to, Waste Profiles, analysis, site diagrams, site history, and sampling plans. Please be advised that should the material be found to be non-conforming based on our facility permit requirements, CENJ will contact you to discuss options.

Treatment of this material will be performed under CENJ Hazardous Waste Facility Permit No. HWP040002 EPA ID No. NJD991291105.

Clean Earth Inc. and its subsidiaries would like to thank you for giving us the opportunity to manage this waste stream. Should you have any questions or concerns, please do not hesitate to contact me at 412-389-1445.

Sincerely,
CLEAN EARTH INC.

Max M.

Max Michkofsky
Materials Coordinator

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID & HAZARDOUS WASTE
BUREAU OF RECYCLING AND HAZARDOUS WASTE MANAGEMENT
MAIL CODE: 401-02C
P.O. BOX 420 401 EAST STATE STREET
TRENTON, NEW JERSEY 08625-0420
Telephone: (609) 984-3438 Telecopier: (609) 777-1951
http://www.state.nj.us/dep/dshw

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

MAY 05 2014

CERTIFIED MAIL RETURN RECEIPT NO.: 7011 2970 0003 7283 1515

Robert P. Fixter, Vice President
Clean Earth of North Jersey, Inc
105 Jacobus Avenue
South Kearny, NJ 07032

Re: Final Permit for the Hazardous Waste Facility Permit Renewal for:
CLEAN EARTH OF NORTH JERSEY INC
Kearny Town, Hudson County
EPA ID No.: NJD991291105
Permit No.: HWP040002

Dear Mr. Fixter:

The New Jersey Department of Environmental Protection's Bureau of Recycling and Hazardous Waste Management (Bureau) has evaluated the public comments received on the draft hazardous waste facility permit renewal for Clean Earth of North Jersey Inc during the public comment period, which ended December 15, 2011.

The Bureau has reached a final determination to issue the hazardous waste facility permit. Copies of the final permit and Report of Public Comment are enclosed for your information.

Should you wish to contest any of the conditions of the enclosed permit, you must file a request for an adjudicatory hearing with the Department's Office of Legal Affairs within twenty (20) days of the date you receive this decision notice. A copy of the request must also be mailed to this Bureau. The adjudicatory hearing shall be conducted in accordance with the Administrative Procedures Act, N.J.S.A. 52:14B1 et seq. and the Uniform Administrative Procedures Rules, N.J.A.C. 1:1.

Very truly yours,

Guy Watson, Chief
Bureau of Recycling and Hazardous Waste Management

Enclosures: Final permit/Report of Public Comment
Document: Facility Final Permit

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAIL CODE 401-02C
Division of Solid & Hazardous Waste
P.O. Box 420
Trenton, New Jersey 08625-0420
Telephone: (609) 292-9880 Telecopier: (609) 984-0565
http://www.state.nj.us/dep/dshw

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

SOLID WASTE FACILITY PERMIT

Under the provisions of N.J.S.A. 13:1E *et seq.* known as the Solid Waste Management Act, this permit is hereby issued to:

CLEAN EARTH OF NORTH JERSEY

Facility Type:	SW Transfer Station Permit
Lot & Block Nos:	Lots 14, 14A, and 14R, Block 289
Municipality:	Kearny Town
County:	Hudson
Facility ID No.:	230216
Permit No.:	TRP090001

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This permit shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, floodway or flood hazard area, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979 or the Highlands Water Protection and Planning Act of 2004, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

May 5, 2014
Issuance Date

Anthony Fontana, Chief
Bureau of Solid Waste Permitting

May 5, 2019
Expiration Date

Scope of the Permit

This Permit, along with the referenced application documents herein specified, shall constitute the sole approval of solid waste facility operations for waste types 10 (Municipal waste – household hazardous waste only), 13, 13C, 27, 27A (non-friable asbestos waste only), and 72 by **CLEAN EARTH OF NORTH JERSEY** located in Kearny Town, Hudson County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid & Hazardous Waste, or its predecessor agencies, for the specific activities described below and as conditioned herein, is hereby superseded.

Facility Description

The facility is a public solid waste transfer station/material recovery facility (TS/MRF) owned and operated by Clean Earth of North Jersey. The facility is located at 105 Jacobus Avenue on Block 289, Lots 14, 14A, and 14R in Kearny Town, Hudson County. The facility is authorized to accept solid waste types 10 (Municipal waste – household hazardous waste only), 27 (Dry Industrial waste), 27A (Dry Industrial Waste – Non-friable Asbestos only), and 72 (Non-hazardous Liquid Waste), seven days per week, 24 hours per day and waste types 13 (Bulky waste) and 13C (Construction & Demolition waste) Monday through Friday, 6:00 am to 8:00 pm. The facility can process these waste types seven days per week, 24 hours per day. The facility is authorized to accept and process a maximum of 2,810 tons of approved solid waste types and/or recyclable materials per day, consisting of 2,660 tons per day of ID 10, 13, 13C, 27 and 72 and 150 tons per day of ID 27A (non-friable asbestos waste only).

Waste tipping, processing, and loading operations occur in two enclosed buildings: the 8,780 square foot Containment Building Unit and the proposed 7,360 square foot Solid Waste Transfer Station building. Wastes are also stored on-site in containers and tanks, treated or managed in containers, tanks, and process equipment, or transferred off-site in containers. Incoming collection vehicles will enter the facility via Jacobus Avenue and will proceed to the inbound scale and then to either the Containment Building Unit or the proposed Solid Waste Transfer Station building to tip the load of solid waste, to a container storage area for the unloading of containers, or to a tank storage area for bulk liquids. Collection vehicles will then proceed to the outbound scale. Recyclable materials will be recovered from the waste stream and all residue will be loaded into trucks, transfer trailers or railcars for shipment to authorized disposal facilities.

The facility is also permitted as a commercial hazardous waste treatment, storage, and transfer facility. The facility receives waste streams consisting of various hazardous waste types from off-site generators. The wastes are stored on-site in containers and tanks, treated on-site in containers, tanks, and process equipment, or transferred off-site in containers. Existing waste treatment activities at the facility include the blending of wastes in tanks and tankers to meet the specifications of off-site authorized industrial boilers or furnaces, solvent reclamation facilities, hazardous waste incinerators, marketers of hazardous waste fuel and treatment facilities. Additional waste treatment activities include the solidification/stabilization of waste solids, slurries and sludge in concrete cells, containers and containment building, container repackaging and the

homogenization of waste in containers. The permitted hazardous waste container storage areas may also be used to store and/or manage solid waste per the Hazardous Waste Facility Permit.

This permit does not convey any property rights of any sort, or any exclusive privilege. Failure to comply with all of the conditions specified may result in revocation of this permit and/or may result in such other regulatory or legal actions, which the Department is authorized by law to institute.

Approved Permit Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26-1 *et seq.*, the conditions of this permit, and the following documents:

1. "Hazardous Waste Permit Renewal and Solid Waste Permit Application, Volumes 1 through 5," for Clean Earth of North Jersey, Inc. (includes Registration Statement, Engineering Design Report, Environmental and Health Impact Statement), prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated August 2009, last revised October 7, 2011.

2. "Traffic Evaluation and Impact Study for Clean Earth of North Jersey, Inc.," prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated September 2008, revised October 2010.

3. "Noise Survey Report for Clean Earth of North Jersey, Inc.," prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated September, 2008.

4. "Waste Analysis Plan," prepared by Compliance Plus Services, Hatboro, Pennsylvania, dated May 2011.

5. Operations and Maintenance Manual for Clean Earth of North Jersey, Inc., prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated March 2011.

6. Contingency Plan and Emergency Plan, prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, revised October 2013.

7. Response document to NJDEP's Technical Notice of Deficiency issued on June 18, 2010, prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated October 18, 2010.

8. Response document to NJDEP's Technical Notice of Deficiency issued on January 31, 2011, prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated March 2, 2011.

9. Supplemental Information, prepared by Compliance Plus Services, Inc., Hatboro, Pennsylvania, dated April 4, 2011.

10. Site Survey Plan, Clean Earth of New Jersey, Inc., Drawing Number D-010 (CENJ-01), signed and sealed by Arthur A. Swallow, PLS, Arthur A. Swallow Associates, Allentown, Pennsylvania, Rev. 1 dated August 18, 2004.

11. The following engineering drawings prepared for Clean Earth of North Jersey, Inc., signed and sealed by Thomas G. Pullar, PE of EarthRes Group, Inc., Pipersville, Pennsylvania:

    i. Site Features Plan, Clean Earth of North Jersey, Inc., Drawing Number E-012 (CENJ-02), Rev. 4 dated October 14, 2010.

    ii. Traffic Plan, Clean Earth of North Jersey, Inc., Drawing Number E-002 (CENJ-03), Rev. 1 dated April 30, 2007.

    iii. Site Location Plan, Clean Earth of North Jersey, Inc., Drawing Number D-005 (CENJ-04), Rev. 1, dated February 27, 2007.

12. The following engineering drawings prepared for Clean Earth of North Jersey, Inc., signed and sealed by Robert Busch, PE of Leonard Busch Associates of Trenton, New Jersey:

    i. New Containment Area for Clean Earth of North Jersey, Inc., Foundation Plan Sections and Details, Drawing Number S1 (CENJ-06), dated July 7, 2004.

    ii. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Site Plan, Drawing Number SP1 (CENJ-07), Rev. 13, dated January 5, 2007.

    iii. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Various Areas, Plans, Sections, and Details, Drawing Number SP2 (CENJ-08), Rev. 5, dated May 5, 2006.

    iv. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Various Areas, Plans, Sections, and Details, Drawing Number SP3 (CENJ-09), Rev. 5, dated February 12, 2007.

    v. New Containment Building for Clean Earth of North Jersey, Inc. Plans and Details, Drawing Number A1 (CENJ-10), Rev. 6, dated January 5, 2007.

    vi. New Containment Building for Clean Earth of North Jersey, Inc. Elevations, Drawing Number A2 (CENJ-11), Rev. 4, dated January 5, 2007.

    vii. New Containment Building for Clean Earth of North Jersey, Inc. Screening Operation Plan, Drawing Number A3 (CENJ-12), Rev. 5, dated January 5, 2007.

viii. New Containment Building for Clean Earth of North Jersey, Inc. Sections, Drawing Number A4 (CENJ-13), Rev. 2, dated January 5, 2007.

ix. New Containment Building for Clean Earth of North Jersey, Inc., Foundation Plan Sections and Details, Drawing Number S1 (CENJ-14), Rev. 7, dated January 5, 2007.

x. New Containment Building for Clean Earth of North Jersey, Inc. Sections and Details, Drawing Number S2 (CENJ-15), Rev. 3, dated January 5, 2007.

xi. New Containment Building for Clean Earth of North Jersey, Inc. Roof Framing Plans Sections and Details, Drawing Number S3 (CENJ-16), Rev. 4, dated January 5, 2007.

xii. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Rail Car Position Layout, Drawing Number R1 (CENJ-17), Rev. 1, dated November 2, 2005.

xiii. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Rail Car Position Layout, Drawing Number R2 (CENJ-18), Rev. 1, dated November 2, 2005.

xiv. New Containment Building and Rail Access for Clean Earth of North Jersey, Inc. Traffic Flow Diagram, Drawing Number T1 (CENJ-19), Rev. 2, dated September 28, 2006.

xv. New Transfer Station for Clean Earth of North Jersey, Inc., Elevations, Drawing Number A2 (CENJ-25), dated October 14, 2010.

xvi. New Transfer Station for Clean Earth of North Jersey, Inc., Floor Plan Sections and Details, Drawing Number A1 (CENJ-24), dated October 14, 2010.

xvii. New Transfer Station for Clean Earth of North Jersey, Inc., Foundation Plan Sections and Details, Drawing Number S1 (CENJ-26), dated October 14, 2010.

xviii. New Transfer Station for Clean Earth of North Jersey, Inc., Sections and Details, Drawing Number S2 (CENJ-27), dated October 14, 2010.

13. Modifications to Existing Tank Farm, Clean Earth of New Jersey, Drawing Number CENJ-21, signed and sealed by Lahbib Chibani, PhD, PE of Sadat Associates, Inc., Princeton, New Jersey, Rev. 2 dated February 19, 1999.

14. The following engineering drawings prepared for Clean Earth of North Jersey, Inc., signed and sealed by Ahmed Hamidi, PhD, PE, PH of Sadat Associates of Princeton, New Jersey:

i. Quality Control Dock Modification Plan and Details for Clean Earth of North Jersey, Inc., Drawing Number 7 of 14 (CENJ-22), Rev. 1, dated May 7, 1993.

ii. Existing and Proposed Loading/Unloading Areas for Clean Earth of North Jersey, Inc., Drawing Number 13 of 14 (CENJ-23), Rev. 1, dated April 22, 1993.

15. Alternate Configuration – Material Recovery Facility (MRF) Operations, Clean Earth of North Jersey, Inc., CENJ-28, signed and sealed by Bradley J. Cunningham, PE, of Compliance Plus Services, Hatboro, Pennsylvania, dated March 2, 2011.

In case of conflict, the provisions of N.J.A.C. 7:26-1 *et seq.* shall have precedence over the conditions of this permit, and the conditions of this permit shall have precedence over plans and specifications listed above.

Attachment

The conditions of this permit are found in the attached document entitled "Clean Earth of North Jersey SW Transfer Station Permit – Initial Permit Requirements Report."

Subject Item: PI 230216 -

1. The permittee shall operate the facility in compliance with the requirements of N.J.A.C. 7:26-2.11. N.J.A.C. 7:26-2.11(b) shall only apply to the operations conducted in the Containment Building Unit (CBU) and the Solid Waste Transfer Station (SWTS) Building. [N.J.A.C. 7:26-2.8(i)]
2. The permittee shall operate the facility in conformance with all of the conditions, restrictions, requirements and any other provisions set forth in this permit. [N.J.A.C. 7:26-2.8(j)]
3. Except for minor modifications as set forth at N.J.A.C. 7:26-2.6(d), the permittee shall not modify, revise or otherwise change any condition of this permit without prior written approval of the Department. [N.J.A.C. 7:26-2.8(k)]
4. If the permittee wishes to continue the operation of this facility after the expiration date of this permit, the permittee shall apply for permit renewal at least 90 days prior to the expiration date of this permit, and the facility must be included in the District Solid Waste Management Plan at the time of such application. [N.J.A.C. 7:26-2.7(b)1]
5. The conditions of this permit shall continue in force beyond the expiration date of this permit pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-11, until the effective date of a new permit if the permittee has submitted a timely and complete application for a renewal permit at least 90 days prior to the expiration of this permit and the Department, through no fault of the permittee, does not issue a new permit with an effective date on or before the expiration date of this permit, due to time or resource constraints. [N.J.A.C. 7:26-2.7(c)]
6. Permits continued under the Administrative Procedure Act remain fully effective and enforceable. If the Permittee is not in compliance with any one of the conditions of the expiring or expired permit, the Department may choose to: Initiate enforcement action based on the permit which has been continued; Issue a notice of intent to deny the new permit under N.J.A.C. 7:26-2.4. If the permit is denied, the permittee would then be required to cease activities and operations authorized by the continued permit or be subject to an enforcement action for operating without a permit; Issue a new permit under N.J.A.C. 7:26-2.4 with appropriate conditions; or take such other actions as are authorized by N.J.A.C. 7:26-1 et seq. or the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq. [N.J.A.C. 7:26-2.7(d)]
7. Should the Department determine that the facility is operating in an environmentally unsound manner in accordance with N.J.A.C. 7:26-2.8(p) the permittee shall: Within 90 days of notification by the Department, submit a plan to close or environmentally upgrade the facility in conformance with the applicable standards, as determined by the Department and set forth in N.J.A.C. 7:26-1 et seq.; Within 90 days of receipt of written approval by the Department of the submitted plan, begin to close or construct the environmental upgrading at the facility; and Within one year of receipt of written approval by the Department of the submitted plan, complete closure or construction of the environmental upgrading at the facility. [N.J.A.C. 7:26-2.8(p)]
8. A one time extension of the compliance schedule established by N.J.A.C. 7:26-2.8(p) shall be granted by the Department provided the permittee demonstrates that it has made a good faith effort to meet the schedule. [N.J.A.C. 7:26-2.8(q)]

Subject Item: PI 230216 -

9. Should the environmental upgrading required pursuant to N.J.A.C. 7:26-2.8(p) not be completed or should continued operations be determined by the Department to be environmentally unsound despite the implementation of the plan approved pursuant to N.J.A.C. 7:26-2.8(p), the facility shall temporarily or permanently cease operations and close or enter into receivership, as provided for in N.J.S.A. 13:1E-9, for that period of time necessary to rectify the environmentally unsound conditions. [N.J.A.C. 7:26-2.8(r)]

10. If cause exists, the Department may modify, or revoke and reissue this permit, subject to the limitations of N.J.A.C. 7:26-2.6, and may require the permittee to submit an updated or new application in accordance with N.J.A.C. 7:26-2.6(e), if appropriate. [N.J.A.C. 7:26-2.6(a)1]

11. The Department may modify or, alternatively, revoke and reissue this permit if cause exists for termination under N.J.A.C. 7:26-2.6(c) and the Department determines that modification or revocation and reissuance is appropriate. [N.J.A.C. 7:26-2.6(b)]

12. Upon the request of the permittee, an interested party or for good cause, the Department may make certain minor modifications to a permit without issuing a tentative approval, providing public notice thereof or holding a public hearing thereon. [N.J.A.C. 7:26-2.6(d)]

13. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, the permittee shall promptly submit such facts or information. [N.J.A.C. 7:26-2]

14. All completed registration statements submitted by the permittee shall be signed as specified at N.J.A.C. 7:26-2.4(e)1. [N.J.A.C. 7:26-2.4(e)1]

15. All engineering designs and reports, the environmental and health impact statement, other information requested as "Addendums" by the Department pursuant to N.J.A.C. 7:26-2.4(f) and (g)4 and documents required to be submitted pursuant to N.J.A.C. 7:26-2.9 and 2.10, submitted on behalf of the permittee, shall be signed by a person described in N.J.A.C. 7:26-2.4(e)1 or by a duly authorized representative of that person, as specified at N.J.A.C. 7:26-2.4(e)2. [N.J.A.C. 7:26-2.4(e)2]

16. Any person signing a registration statement, engineering design or report, environmental and health impact statement or addendum mentioned in N.J.A.C. 7:26-2.4(e)1 or (e)2, submitted on behalf of the permittee, shall make the certification specified at N.J.A.C. 7:26-2.4(e)3. [N.J.A.C. 7:26-2.4(e)3]

17. The permittee shall not transfer ownership of the permit without receiving prior written approval of the Department, in accordance with N.J.A.C. 7:26-2.7(e). [N.J.A.C. 7:26-2.8(l)]

18. A written request for permission to allow any transfer of ownership or operational control of the facility must be received by the Department at least 180 days in advance of the proposed transfer. The request for approval shall include all of the information required by N.J.A.C. 7:26-2.7(e)1i-iv. [N.J.A.C. 7:26-2.7(e)1]

19. A new owner or operator may commence operations at the facility only after the existing permit has been revoked and a permit is issued pursuant to N.J.A.C. 7:26-2.4. [N.J.A.C. 7:26-2.7(e)2]

20. During a transfer of ownership, the permittee of record remains liable for ensuring compliance with all conditions of the permit unless and until the existing permit is revoked and a new permit is issued in the name of the new owner or operator. [N.J.A.C. 7:26-2.7(e)3]

Subject Item: PI 230216 -

21. Compliance with the transfer requirements set forth in N.J.A.C. 7:26-2.7 shall not relieve the permittee from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision. [N.J.A.C. 7:26-2.7(e)4]

22. Prior to May 1 of each calendar year the permittee shall submit to the Department a statement updating the information contained in the permittee's initial registration statement. This update shall be on forms furnished by the Department. In no case shall submission of an updated statement alter conditions of this permit. [N.J.A.C. 7:26-2.8(b)]

23. The permittee shall notify the Department in writing within 30 days of any change in the information set forth in the permittee's current registration statement. [N.J.A.C. 7:26-2.8(c)]

24. Failure of the permittee to submit an updated registration statement and to submit all applicable fees, required by N.J.A.C. 7:26-4, on or before July 1 of each calendar year shall be sufficient cause for the Department to revoke this permit or take such other enforcement action as is appropriate. [N.J.A.C. 7:26-2.8(d)]

25. The permittee shall maintain a daily record of wastes received. The record shall include the information specified at N.J.A.C. 7:26-2.13(a). [N.J.A.C. 7:26-2.13(a)]

26. The daily record shall be maintained, shall be kept, and shall be available for inspection in accordance with N.J.A.C. 7:26-2.13(b). [N.J.A.C. 7:26-2.13(b)]

27. The permittee shall verify, retain and make available for inspection a waste origin/disposal (O and D) form for each load of solid waste received in accordance with N.J.A.C. 7:26-2.13(c). [N.J.A.C. 7:26-2.13(c)]

28. The permittee shall submit monthly summaries of wastes received to the Division of Solid and Hazardous Waste, Bureau of Recycling and Planning and the Solid Waste Coordinator for the District where the facility is located, on forms provided by the Department (or duplication of same), no later than 20 days after the last day of each month. The monthly summaries shall include the information specified at N.J.A.C. 7:26-2.13(e). [N.J.A.C. 7:26- 2.13(e)]

29. Upon request by the Department, the permittee shall submit, in such form as the Department may deem appropriate, information concerning the sources of wastes received and the transportation or disposal patterns associated with such wastes. [N.J.A.C. 7:26-6.4]

30. The permittee shall operate the facility in compliance with any applicable district solid waste management plan(s) as well as any amendments to and/or approved administrative actions concerning such plan(s). Should the permittee fail to comply with any applicable district solid waste management plan(s) as well as any amendment to or approved administrative actions concerning such plan(s), the permittee shall be deemed in violation of N.J.S.A. 13:1E-1 et seq. and N.J.A.C. 7:26-1 et seq. and shall be subject to applicable penalties provided thereunder, and any other applicable laws or regulations. [N.J.A.C. 7:26-6.12(b)]

31. The permittee and/or facility operator shall report to the Department and the Attorney General within 30 days any changes or additions in the information required to be included in the disclosure statement, as specified at N.J.A.C. 7:26-16.6 [N.J.A.C. 7:26-16.6(b)]

32. The permittee and/or facility operator shall report any other changes in the information contained in the permittee's disclosure statement currently on file with the Department and the Attorney General in an annual update to be filed with the Department at the time of the permittee's annual renewal of its registration with the Department, as specified at N.J.A.C. 7:26-16.6 [N.J.A.C. 7:26-16.6(c)]

Subject Item: PI 230216 -

33. The issuance of this permit shall not exempt the permittee from obtaining all other permits or approvals required by law or regulations. [N.J.A.C. 7:26-2.8(h)]

34. The permittee shall inspect each incoming waste load in accordance with the Waste Control, Inspection, and Recyclables Plan included as part of the approved final operations and maintenance manual, or in accordance with any other approved facility operating plan as appropriate. Such inspections shall be performed to identify the incidence of designated recyclable materials that may be mandated to be source separated by the District Recycling Plan applicable to the point of origin of the waste load. The permittee shall consult with each county recycling coordinator for the facility's service area on a quarterly basis to review those recyclable materials that are designated by each county to be source separated pursuant to N.J.S.A. 13:1E-99.13(b)2. The Waste Control, Inspection, and Recyclables Plan or other approved facility operating plan as appropriate, shall be updated accordingly. Should any designated recyclable materials be detected in a delivered waste load, the appropriate county recycling coordinator shall be notified in writing. The permittee shall maintain a copy of each such notification at the facility. Whenever possible, the generator who failed to source separate the recyclable materials shall also be identified and reported to the county recycling coordinator. [N.J.A.C. 7:26-2.10(b)9vii]

Subject Item: SWTG950026 -

35. The permittee shall operate the facility, and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26-1 et seq., the conditions of this permit, and the referenced permit application documents. [N.J.A.C. 7:26-2.11(b)9]

36. The facility shall comply with the additional operational, maintenance, inspection and monitoring requirements for transfer stations and material recovery facilities as provided at N.J.A.C. 7:26-2B.9. [N.J.A.C. 7:26-2B.9]

37. In case of conflict, the provisions N.J.A.C. 7:26-1 et seq. shall have precedence over the conditions of this permit, the conditions of this permit shall have precedence over the SWF permit application documents, and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs. [N.J.A.C. 7:26-2.11(b)9]

38. One complete set of the approved referenced permit application documents, this Solid Waste Facility Permit, and all records, reports and plans as may be required pursuant to this permit shall be kept on-site and shall be available for inspection by authorized representatives of the Department upon presentation of credentials. [N.J.A.C. 7:26-2.11(b)9]

39. The permittee is authorized to accept waste types ID 10 (municipal household hazardous waste only), ID 13 (bulky waste), ID 13C (construction and demolition waste), ID 27 (Dry Industrial Waste - non-asbestos), ID 27A (non-friable asbestos waste only), and ID72 (non-hazardous liquid waste). The permittee is not authorized to accept any other type or description of solid waste as defined at N.J.A.C. 7:26-2.13(g) and (h) or regulated medical waste as defined at N.J.A.C. 7:26-3A.6(a). [N.J.A.C. 7:26- 2.11(b)9]

Subject Item: SWTG950026 -

40. The permittee may accept a maximum of 2,810 tons of material, consisting of 2,660 tons per day of ID 10, 13, 13C, 27, and 72 and 150 tons per day of ID 27A (non-friable asbestos waste only) on Monday through Friday, and 2,660 tons per day of ID 10, 27, and 72 and 150 tons per day of ID 27A (non-friable asbestos waste only) on Saturday and Sunday. Materials for acceptance shall include solid waste and/or recyclable materials and shall be deposited only in those areas that have been specifically identified in the approved design drawings for such purposes.

    All solid waste material accepted at the facility shall be either tipped and managed through the Containment Building Unit (CBU) or the proposed SWTS Building (upon compliance with Condition 52) or placed within a container storage unit, a tank storage unit, a bunker within the CBU or proposed SWTS Building, or the Asbestos Transfer Pad (ID 27A - non-friable asbestos waste only) within 24 hours of receipt. Within each 24 hour period the operator shall clean the tipping floor of the Containment Building Unit (CBU) and the proposed Solid Waste Transfer Station (SWTS) Building in which waste has been deposited in accordance with N.J.A.C. 7:26-2.11(b)1.

    Solid waste material placed within the bunkers of the CBU or the proposed SWTS Building shall be removed by the end of the next working day after receiving analytical results. The removed material must be placed either in a container storage area or removed off-site to an appropriate end-market. [N.J.A.C. 7:26- 2.11(b)10]

41. The permittee shall comply with the waste analysis requirements for ID 10, 13, 13C, 27, and 27A solid waste materials contained in Section 5.3 of the approved Waste Analysis Plan. [N.J.A.C. 7:26-2.11(b)11]

42. The permittee shall accept waste at the facility in accordance with the following schedule: waste types ID 10, 27, 27A (non-friable asbestos waste only), and 72, Sunday through Saturday, 24 hours per day and waste types ID 13 and 13C, Monday through Friday, 6:00 am to 8:00 pm.

    The permitte shall process waste at the facility in accordance with the following schedule: all waste types, Sunday through Saturday, 24 hours per day. [N.J.A.C. 7:26- 2.10(b)9i]

Subject Item: SWTG950026 -

43. The permittee shall store all non-ID 72 solid waste in containers in approved solid or hazardous waste containment storage areas as specified on the approved site plans, specifically Areas A through G, Main Processing Pad and Loading/Unloading Dock, Tank Farm Loading and Unloading Pad, QC Dock, East and West Pads of QC Dock, Hockmeyer Area, Asbestos Transfer Pad (ID 27A - non-friable asbestos waste only), Non-hazardous Container Storage Pad, Containment Building Unit, and Solid Waste Transfer Station Building. Containers shall remain closed except when treating waste, adding or removing waste, or sampling waste in accordance with the Waste Analysis Plan. A minimum of 18 inches of aisle space shall be maintained between double rows of containers; and containers 110 gallons or less shall be stacked no greater than two high. Containers greater than 110 gallons shall not be stacked, unless palletized. Containers shall be labeled as "non-hazardous solid waste." Containers shall be in good condition (no severe rusting, apparent sturctural defects or deterioration) and not leaking (no visible leaks) and inspected daily.

    The total time to manage waste material through the facility (inclusive of the initial 24 hour time frame) shall not exceed the following limits:

    ID 13 and 13C waste received in bulk containers- 5 day maximum
    ID 13 and 13C waste received in non-bulk containers- 10 day maximum
    ID 10 (HHW only), ID 27, and ID 72 received in bulk and non-bulk containers- 90 day maximum
    ID 72 waste stored in tanks- 120 day maximum
    ID 27A (non-friable asbestos waste only) received in bulk and non-bulk containers - 10 day maximum

    Bulk containers are containers with a total capacity of 500 gallons or more (e.g. cargo tanks, roll-off boxes, dump trucks, etc). Non-bulk containers are containers with a total capacity of less than 500 gallons (e.g. drums, totes, cubic yard boxes, etc). [N.J.A.C. 7:26- 2.10(b)9i]

44. The permittee shall schedule the waste deliveries to the facility in such a manner as to minimize truck queuing on the facility property. The permittee shall stage vehicles in accordance with the queuing plan provided in the permit application. [N.J.A.C. 7:26-2B.9(e)]

45. Under no circumstances shall delivery trucks and/or transfer trailers accessing or exiting the facility be allowed to park or queue on any public road. The permittee shall post at the facility, and provide to users of the facility, a copy of the traffic routes identified in the May 12, 2011 Administrative Action to the Hudson County District Solid Waste Management Plan. [N.J.A.C. 7:26-2B.9(d)]

46. In the event of a facility outage or other significant malfunction which would result in the facility's inability to process waste at a rate equal to or exceeding the rate of incoming waste, the operator shall immediately report such situation or event to the Department's Hotline at 1-877-927-6337. [N.J.A.C. 7:26-2.10(b)9v]

Subject Item: SWTG950026 -

47. The permittee may conduct materials recovery operations as follows. The permittee shall only extract recyclable materials including metal, tires, wood, concrete, brick, block, and stone in accordance with the referenced permit application documents. All recovered materials shall be stored in containers as depicted on the referenced drawings of the permit application documents, pending transportation to a recycling center or final market destination.

    The permittee may stabilize and solidify solid waste with the reagents specified in the approved documents. The permittee may also consolidate, repackage, and transfer waste in the approved container management areas and may decant, blend, filter, and homogenize ID 72 waste. [N.J.A.C. 7:26-2B.5(d)4]

48. The permittee shall maintain contracts or letters of agreement with end markets, manufacturers and approved recycling centers for the disposition of all recovered materials. The permittee shall notify the Department within one week of changes in the status of existing contracts or the addition of any new contracts or letters for the disposition of recovered materials. Such notice shall include documentation of the changed status or a copy of the new contract or letter of agreement. [N.J.A.C. 7:26-2.9(c)4iii]

49. The permittee shall maintain the air pollution control equipment for the facility. The air pollution control system's filters shall be replaced in accordance with the manufacturer's standard operating procedures. The air pollution control system shall be turned on and functioning properly when solid waste is stored and/or processed within the building. [N.J.A.C. 7:26-2.11(b)6]

50. The permittee is authorized to construct a 92 foot wide by 80 foot long Solid Waste Transfer Station Building as detailed in the engineering designs referenced in the permit application documents. Prior to initiating any construction activity, the permittee shall obtain all necessary permits and approvals required for construction. [N.J.A.C. 7:26-2.11(b)11]

51. Within thirty (30) days of completion of the construction project, the permittee shall submit to the Department, by Certified Mail or hand delivery, written certification from both the permittee and a licensed professional engineer registered in the State of New Jersey, that the construction has been completed in accordance with the approved designs. The written certifications shall be in conformance with the required N.J.A.C. 7:26-2.4(e), and shall be accompanied with a set of "as built" construction drawings signed and sealed by the licensed professional engineer. [N.J.A.C. 7:26-2.11(b)9]

52. A final Operations and Maintenance Manual shall be submitted to the Department subsequent to the completion of the construction phase of the proposed Solid Waste Transfer Station Building, but at least sixty (60) days prior to initiating operations in the proposed Solid Waste Transfer Station Building. Operations in the proposed Solid Waste Transfer Station Building shall not be initiated before obtaining approval of the final O and M Manual from the Department and a revised Solid Waste Facility Permit and, if required, a Certificate of Occupancy from Kearny Town. [N.J.A.C. 7:26-2.10(b)10]

53. The permittee shall submit to the Bureau of New Source Review, Division of Air Quality, an application for an air pollution control permit for the proposed Solid Waste Transfer Station Building. All air pollution control equipment must be installed and certified to be fully operational prior to the commencement of transfer station/material recovery operations within the Solid Waste Transfer Station Building. [N.J.A.C. 7:26-2.11(b)9]

Subject Item: SWTG950028 - ID 72 Conditions

54. The permittee is authorized to manage ID72 liquid waste in containers in the following areas in accordance with the referenced permit application documents: Areas A through Area G, Main Processing Pad & Loading/Unloading Dock, Tank Farm Loading and Unloading Pad, QC Dock, East Pad of QC Dock, West Pad of QC Dock, Containment Building Unit, Hockmeyer Area, Non-hazardous Container Storage Pad, and Solid Waste Transfer Station Building. [N.J.A.C. 7:26-2.11(b)11]

55. The permittee is authorized to manage ID72 liquid waste in the following tanks in accordance with the referenced permit application documents: ST-1, ST-2, ST-3, ST-4, and ST-5 in the Tank Farm Storage Area. [N.J.A.C. 7:26-2.11(b)11]

56. All units used to store or treat ID72 liquid waste shall be labeled or marked clearly with the words "ID72 Waste." [N.J.A.C. 7:26-2B.9(g)1]

57. All piping used to transfer ID72 liquid waste shall be labeled or marked clearly with the words "ID72 Waste." [N.J.A.C. 7:26-2B.9(g)1]

58. All units containing ID72 liquid waste shall be in good condition (no severe rusting, apparent structural defects or deterioration) and not leaking (no visible leaks). [N.J.A.C. 7:26-2B.5(h)3]

59. All units containing ID72 liquid waste shall be equipped with a seconday containment system that is sufficiently impervious to waste materials to prevent any waste materials released into the containment system from migrating out of the system to the soil, groundwater or surface water. [N.J.A.C. 7:26-2B.5(h)4]

60. The permittee shall comply with the waste analysis requirements for ID72 liquid waste contained in Section 5.3 of the approved Waste Analysis Plan. [N.J.A.C. 7:26-2B.9(g)2]

61. The permittee shall inspect any containers holding ID72 liquid waste on a daily basis to ensure the containers comply with Condition 58 above. [N.J.A.C. 7:26-2.10(b)9]

62. The permittee shall inspect any tanks holding ID72 liquid waste on a daily basis to ensure the tanks comply with Condition 58 above. [N.J.A.C. 7:26-2.10(b)9]

63. Upon detection of a release of ID72 liquid waste, the permittee shall stop the release; contain the released materials; clean up and properly manage the released materials; and, if necessary, repair or replace any leaking units prior to returning them to service in accordance with the plans reference in the permit application documents. [N.J.A.C. 7:26-2B.9(g)4]

64. ID72 liquid waste transfer stations are subject to all applicable Spill Prevention, Control and Countermeasure requirements found at 40 CFR Part 112 and all applicable discharge prevention, containment and countermeasure and discharge cleanup and removal requirements found at N.J.A.C. 7:1E. [N.J.A.C. 7:26-2B.5(h)1]

State of New Jersey

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID & HAZARDOUS WASTE
BUREAU OF RECYCLING AND HAZARDOUS WASTE MANAGEMENT
MAIL CODE: 401-02C
P.O. BOX 420 401 EAST STATE STREET
TRENTON, NEW JERSEY 08625-0420
Telephone: (609) 984-3438 Telecopier: (609) 777-1951
http://www.state.nj.us/dep/dshw

BOB MARTIN
Commissioner

Hazardous Waste Facility Permit

Under the provisions of N.J.S.A. 13:1E-1 et seq. known as the Solid Waste Management Act, this permit is hereby issued to:

CLEAN EARTH OF NORTH JERSEY INC
105 Jacobus Ave
Kearny, New Jersey 07032

For the Purpose of Operating a:	Hazardous Waste Treatment, Storage and Transfer Facility
Lot & Block :	Lots 14 and 14A; Block: 289
In the Municipality of:	Kearny Town
County:	Hudson
Under Facility Permit No.:	HWP040002
EPA ID No.:	NJD991291105

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This permit shall not prejudice any claim the State may have to riparian land, nor does it allow the permittee to fill or alter or allow to be filled or altered in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection or the U.S. Environmental Protection Agency.

May 5, 2014
Issuance Date

Guy J. Watson
Guy Watson, Chief
Bureau of Recycling and Hazardous Waste Management

June 4, 2014
Effective Date

June 4, 2024
Expiration Date

APPENDIX G

Counter-Signed Manifests and Weight Tickets

175504

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000230581	1		017056797 JJK

GENERATOR

5. Generator's Name and Mailing Address
QPP LLC c/o Durst Organization
1 Bryant Park
Generator's Phone: 631-586-5900 NY, NY 10036

Generator's Site Address (if different than mailing address)
QPP LLC c/o Durst Organization
29-37 Queens Plaza North
Long Island City, NY 11101

6. Transporter 1 Company Name
~~AARCO Environmental Services Corp.~~ J&D Trucking
U.S. EPA ID Number
NJR000029467

7. Transporter 2 Company Name
U.S. EPA ID Number
~~NYR000107326~~

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Ave.
Facility's Phone: 9733444004 Kearny NJ 07032
U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, Hazardous waste, solid, n.o.s. ((EPA D008)), 9, PG-III	1	DT	EST 22	T	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 173081544 - Lead Impacted Soil
*extra codes will appear on block 14 report
Order#: 175504 - Note:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jonathan Drescher
Signature:
Month 3 Day 8 Year 17

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Carl Manley
Signature: Carl Manley
Month 3 Day 8 Year 17
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Rcd 46200483
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL

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

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

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Bernice Mills
Signature:
Month 3 Day 8 Year 17

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CLEAN EARTH
Faster, smarter, greener solutions...

GENERATOR DURST

MAN. NO. 01703277JJK

TRANSPORTER J&D

VEHICLE ID. 7

DRIVER ON OFF

REMARKS:

IN

72800 LB

10:04 AM 03/08/17

OUT

26700 LB

10:47 AM 03/08/17

46300

WEIGHER

WEIGH-TRONIX®

178199

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000230581	1		017056794 JJK

GENERATOR

5. Generator's Name and Mailing Address
QPP LLC c/o Durst Organization
1 Bryant Park
Generator's Phone: 631-586-5900 NY, NY 10036

Generator's Site Address (if different than mailing address)
QPP LLC c/o Durst Organization
29-37 Queens Plaza North
Long Island City, NY 11101

6. Transporter 1 Company Name: J+D Trucking (~~KMCC Environmental Services Corp.~~) — U.S. EPA ID Number: NJR000029967 (~~NYR000107336~~)

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

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Ave.
Facility's Phone: 9733444004 Kearny NJ 07032
U.S. EPA ID Number: NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, Hazardous waste, solid, n.o.s. ((EPA D008)), 9, PG-III	1	DT	EST 22	T	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 173081544 - Lead Impacted Soil
Trk #7
AS337 X NJ
*extra codes will appear on block 14 report
Order#: 175504 - Note:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jonathan Dvescher — Signature — Month 3 Day 30 Year 17

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CALVIN MANLEY — Signature — Month 3 Day 30 Year 17

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

DESIGNATED FACILITY

18. Discrepancy

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

Rec'd: 48960LBS

Manifest Reference Number:

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

Facility's Phone:

RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL

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

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

1.	2.	3.	4.
H110			

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

Printed/Typed Name: Bernice Mills — Signature — Month Day Year

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Cox Printers • (908) 928-1010 • Reorder # 95564

CLEANEARTH
Faster, smarter, greener solutions...

GENERATOR DURST

MAN. NO. 017052794 JJK

TRANSPORTER JD

VEHICLE ID. 9

DRIVER ON OFF

REMARKS:

IN

75440 LB

09:06 AM 03/30/17

OUT

26480 LB

10:53 AM 03/30/17

48960

WEIGHER

WEIGH-TRONIX®

173199

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYR000230581	1		017056795 JJK

GENERATOR

5. Generator's Name and Mailing Address
QPP LLC c/o Durst Organization
1 Bryant Park
Generator's Phone: 631-586-5900 NY, NY 10036

Generator's Site Address (if different than mailing address)
QPP LLC c/o Durst Organization
29-37 Queens Plaza North
Long Island City, NY 11101

6. Transporter 1 Company Name
JW TAK AT899H NJ #019
~~AARCO Environmental Services Corp~~
U.S. EPA ID Number
NJR000029967
~~NYR000107326~~

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

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Ave.
Facility's Phone: 9733444004 Kearny NJ 07032
U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3077, Hazardous waste, solid, n.o.s. ((EPA D008)), 9, PG-III	1	DT	22 Ton	T	D008
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
(1) 173081544 - Lead Impacted Soil
*extra codes will appear on block 14 report
Order#: 175504 - Note:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jonathan Drescher
Signature:
Month Day Year: 3 30 17

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Wayne Hartman
Signature:
Month Day Year: 3 30 17

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Rec'd 30.70 US
Manifest Reference Number:

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

RECEIVED PENDING MANIFEST REVIEW AND QUALITY CONTROL

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

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

1.	2.	3.	4.
H110			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Bernice Mills
Signature:
Month Day Year: 3 30 17

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GENERATOR DURST
MAN. NO. 017056198 JJK
TRANSPORTER Job
VEHICLE ID. 019
DRIVER ON OFF
REMARKS:

IN

64840 LB

09:23 AM 03/30/17

OUT

26560 LB

10:55 AM 03/30/17

38280

WEIGHER

WEIGH-TRONIX®

APPENDIX H

Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L1709594
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Michele Rogers
Phone:	(212) 479-5429
Project Name:	QUEENS PLAZA NORTH
Project Number:	170316402
Report Date:	04/05/17

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

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

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402

Lab Number: L1709594
Report Date: 04/05/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1709594-01	EP01_032917	SOIL	29-37 NORTHERN BOULEVARD, QUEENS, NY	03/29/17 12:30	03/29/17
L1709594-02	EP02_032917	SOIL	29-37 NORTHERN BOULEVARD, QUEENS, NY	03/29/17 12:32	03/29/17
L1709594-03	EP03_032917	SOIL	29-37 NORTHERN BOULEVARD, QUEENS, NY	03/29/17 12:34	03/29/17
L1709594-04	EP04_032917	SOIL	29-37 NORTHERN BOULEVARD, QUEENS, NY	03/29/17 12:36	03/29/17
L1709594-05	EP05_032917	SOIL	29-37 NORTHERN BOULEVARD, QUEENS, NY	03/29/17 12:38	03/29/17

Project Name: QUEENS PLAZA NORTH **Lab Number:** L1709594
Project Number: 170316402 **Report Date:** 04/05/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The element list for metals analysis was specified by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/05/17

METALS

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

SAMPLE RESULTS

Lab ID:	L1709594-01	Date Collected:	03/29/17 12:30
Client ID:	EP01_032917	Date Received:	03/29/17
Sample Location:	29-37 NORTHERN BOULEVARD, QUEE	Field Prep:	Not Specified
Matrix:	Soil	TCLP/SPLP Ext. Date:	03/30/17 04:28
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 16:34	EPA 3015	1,6010C	AB

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

SAMPLE RESULTS

Lab ID:	L1709594-01	Date Collected:	03/29/17 12:30
Client ID:	EP01_032917	Date Received:	03/29/17
Sample Location:	29-37 NORTHERN BOULEVARD, QUEE	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.3		mg/kg	2.1	0.11	1	03/30/17 12:40	03/31/17 16:18	EPA 3050B	1,6010C	MC

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

SAMPLE RESULTS

Lab ID:	L1709594-02	Date Collected:	03/29/17 12:32
Client ID:	EP02_032917	Date Received:	03/29/17
Sample Location:	29-37 NORTHERN BOULEVARD, QUEE	Field Prep:	Not Specified
Matrix:	Soil	TCLP/SPLP Ext. Date:	03/30/17 04:28
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 16:39	EPA 3015	1,6010C	AB

Project Name: QUEENS PLAZA NORTH
Lab Number: L1709594
Project Number: 170316402
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-02
Client ID: EP02_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Percent Solids: 95%

Date Collected: 03/29/17 12:32
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.7	J	mg/kg	2.1	0.11	1	03/30/17 12:40	03/31/17 16:22	EPA 3050B	1,6010C	MC

Project Name: QUEENS PLAZA NORTH
Lab Number: L1709594
Project Number: 170316402
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-03
Client ID: EP03_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Percent Solids: 98%

Date Collected: 03/29/17 12:34
Date Received: 03/29/17
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 03/30/17 04:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 16:43	EPA 3015	1,6010C	AB

Project Name: QUEENS PLAZA NORTH
Lab Number: L1709594
Project Number: 170316402
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-03
Client ID: EP03_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Percent Solids: 98%

Date Collected: 03/29/17 12:34
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.0		mg/kg	1.9	0.10	1	03/30/17 12:40	03/31/17 16:26	EPA 3050B	1,6010C	MC

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

SAMPLE RESULTS

Lab ID:	L1709594-04	Date Collected:	03/29/17 12:36
Client ID:	EP04_032917	Date Received:	03/29/17
Sample Location:	29-37 NORTHERN BOULEVARD, QUEE	Field Prep:	Not Specified
Matrix:	Soil	TCLP/SPLP Ext. Date:	03/30/17 04:28
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 16:48	EPA 3015	1,6010C	AB

Project Name: QUEENS PLAZA NORTH
Lab Number: L1709594
Project Number: 170316402
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-04
Client ID: EP04_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Percent Solids: 94%

Date Collected: 03/29/17 12:36
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.0		mg/kg	2.0	0.11	1	03/30/17 12:40	03/31/17 16:29	EPA 3050B	1,6010C	MC

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

SAMPLE RESULTS

Lab ID:	L1709594-05	Date Collected:	03/29/17 12:38
Client ID:	EP05_032917	Date Received:	03/29/17
Sample Location:	29-37 NORTHERN BOULEVARD, QUEE	Field Prep:	Not Specified
Matrix:	Soil	TCLP/SPLP Ext. Date:	03/30/17 04:28
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 16:53	EPA 3015	1,6010C	AB

Project Name: QUEENS PLAZA NORTH
Lab Number: L1709594
Project Number: 170316402
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-05
Client ID: EP05_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Percent Solids: 91%

Date Collected: 03/29/17 12:38
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.8		mg/kg	2.1	0.11	1	03/30/17 12:40	03/31/17 16:33	EPA 3050B	1,6010C	MC

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG989521-1										
Lead, Total	ND		mg/kg	10	0.54	1	03/30/17 12:40	03/31/17 15:02	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-05 Batch: WG989967-1										
Lead, TCLP	ND		mg/l	0.50	0.03	1	03/31/17 12:06	04/04/17 15:26	1,6010C	AB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 03/30/17 04:28

Lab Control Sample Analysis

Batch Quality Control

Project Name: QUEENS PLAZA NORTH

Project Number: 170316402

Lab Number: L1709594

Report Date: 04/05/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG989521-2 SRM Lot Number: D091-540								
Lead, Total	103		-		82-118	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-05 Batch: WG989967-2								
Lead, TCLP	98		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402

Lab Number: L1709594
Report Date: 04/05/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG989521-3 WG989521-4 QC Sample: L1709532-02 Client ID: MS Sample												
Lead, Total	130	51.6	190	116		180	92		75-125	5		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG989967-3 QC Sample: L1709505-01 Client ID: MS Sample												
Lead, TCLP	ND	5.1	5.0	98		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402

Lab Number: L1709594
Report Date: 04/05/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG989967-4 QC Sample: L1709505-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-01
Client ID: EP01_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Date Collected: 03/29/17 12:30
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	03/29/17 23:55	121,2540G	SH

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-02
Client ID: EP02_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Date Collected: 03/29/17 12:32
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.3		%	0.100	NA	1	-	03/29/17 23:55	121,2540G	SH

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-03
Client ID: EP03_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Date Collected: 03/29/17 12:34
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.7		%	0.100	NA	1	-	03/29/17 23:55	121,2540G	SH

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-04
Client ID: EP04_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Date Collected: 03/29/17 12:36
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	03/29/17 23:55	121,2540G	SH

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402
Lab Number: L1709594
Report Date: 04/05/17

SAMPLE RESULTS

Lab ID: L1709594-05
Client ID: EP05_032917
Sample Location: 29-37 NORTHERN BOULEVARD, QUEE
Matrix: Soil
Date Collected: 03/29/17 12:38
Date Received: 03/29/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	03/29/17 23:55	121,2540G	SH

Lab Duplicate Analysis
Batch Quality Control

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402

Lab Number: L1709594
Report Date: 04/05/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG989396-1 QC Sample: L1709528-01 Client ID: DUP Sample						
Solids, Total	31.8	32.8	%	3		20

Project Name: QUEENS PLAZA NORTH
Project Number: 170316402

Lab Number: L1709594
Report Date: 04/05/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1709594-01A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	PB-TI(180)
L1709594-01B	Glass 250ml/8oz unpreserved	A	N/A	4.8	Y	Absent	TS(7)
L1709594-01X	Plastic 120ml HNO3 preserved Ext	A	<2	4.8	Y	Absent	PB-CI(180)
L1709594-01X9	Tumble Vessel	A	N/A	4.8	Y	Absent	-
L1709594-02A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	PB-TI(180)
L1709594-02B	Glass 250ml/8oz unpreserved	A	N/A	4.8	Y	Absent	TS(7)
L1709594-02X	Plastic 120ml HNO3 preserved Ext	A	<2	4.8	Y	Absent	PB-CI(180)
L1709594-02X9	Tumble Vessel	A	N/A	4.8	Y	Absent	-
L1709594-03A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	PB-TI(180)
L1709594-03B	Glass 250ml/8oz unpreserved	A	N/A	4.8	Y	Absent	TS(7)
L1709594-03X	Plastic 120ml HNO3 preserved Ext	A	<2	4.8	Y	Absent	PB-CI(180)
L1709594-03X9	Tumble Vessel	A	N/A	4.8	Y	Absent	-
L1709594-04A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	PB-TI(180)
L1709594-04B	Glass 250ml/8oz unpreserved	A	N/A	4.8	Y	Absent	TS(7)
L1709594-04X	Plastic 120ml HNO3 preserved Ext	A	<2	4.8	Y	Absent	PB-CI(180)
L1709594-04X9	Tumble Vessel	A	N/A	4.8	Y	Absent	-
L1709594-05A	Metals Only - Glass 60mL/2oz unp	A	N/A	4.8	Y	Absent	PB-TI(180)
L1709594-05B	Glass 250ml/8oz unpreserved	A	N/A	4.8	Y	Absent	TS(7)
L1709594-05X	Plastic 120ml HNO3 preserved Ext	A	<2	4.8	Y	Absent	PB-CI(180)
L1709594-05X9	Tumble Vessel	A	N/A	4.8	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	QUEENS PLAZA NORTH	**Lab Number:**	L1709594
Project Number:	170316402	**Report Date:**	04/05/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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

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

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

Page 1 of 1

Date Rec'd in Lab 3/29/17

ALPHA Job # L1709594

Project Information

Project Name: Queens Plaza North
Project Location: 24-37 Northern Boulevard, Queens NY
Project # 170316402
(Use Project name as Project #) ☐
Project Manager: Michele Rogers
ALPHAQuote #:

Turn-Around Time

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

Client Information

Client: Langan Engineering
Address: 360 West 31st St
~~New~~ New York, NY
Phone: 212-479-5400
Fax: mrogers@langan.com
Email: skoop@langan.com

Deliverables

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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCLP metals	Total metals							Sample Specific Comments	Total Bottles
09594 .01	EP01 - ~~030817~~ 032917	3/29/17	1230	S	PC	X	X							1x4oz, 1x8oz	2
.02	EP02 - ~~030817~~ 032917	3/29/17	1232	↓	↓	X	X							↓	↓
.03	EP03 - ~~030817~~ 032917	↓	1234	↓	↓	X	X							↓	↓
.04	EP04 - ~~030817~~ 032917	↓	1236	↓	↓	X	X							↓	↓
.05	EP05 - ~~030817~~ 032917	↓	1238	↓	↓	X	X							↓	↓

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	3/29/17 1251	[signature] AAL	3/29/17 12:51
[signature]	3/29/17 17:15	[signature]	3-29-17 1800
[signature]	3-29-17 2230	[signature]	3/29/17 2230

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

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

APPENDIX I

Import Material Facility Information and Weight Tickets

Evergreen Recycling Of Corona

Dear Valued Transfer Station Customer:

Tully Environmental Inc. (d.b.a. Evergreen Recycling of Corona) "EROC", operates Clean Fill Transfer Station at The Corona Meadows Yard. Hours of operations are **Monday – Friday 5:00 AM to 6:00 PM and Saturday 6:00 AM to 2:00 PM.** Our Facility is regulated by NYSDEC and DSNY and operates under DEC registration # 41W93 and DSNY Permit 26. All questions, comments, concerns and paperwork can be sent to Dave Cinquemani at dcinquemani@tullyenvironmental.com.

Under EROC's operating permit, the following are requirements that need to be adhered prior to accepting waste at our transfer station. **NOTE: All required data for pre-approval for acceptance at EROC must be submitted 24-48 hours prior to expected disposal date.**

ANALYTICAL TESTING REQUIREMENTS:

EROC is **ONLY** authorized to accept clean fill material consisting of earth, dirt, concrete, asphalt, rock, gravel, stone or sand, "provided that such material shall not contain organic matter having the tendency to decompose with the formation of malodorous by-products" as defined by the New York City Department of Sanitation. In addition, the material must meet the NYSDEC definition of uncontaminated in that it "is not mixed or commingled with other solid waste at the point of generation, processing or disposal, and that it is not contaminated with spills of a petroleum product, hazardous waste, historic fill or industrial waste.

CLEAN FILL ANALYSIS:

All clean fill will require an analysis for NYSDEC Part 375-6.8 criteria with comparison to residential and protection of groundwater standards.

GENERATOR WASTE PROFILE (GWP):

Prior to acceptance of clean fill, a EROC GWP must be completed and submitted to EROC along with analytical test reports (if necessary). All highlighted areas on the EROC GWP form must be filled out completely prior to submittal (See attached EROC GWP example with highlighted areas that are required to be filled out). All GWP need to be submitted 24-48 prior to disposal.

MANIFEST REQUIREMENTS:

All disposals will require a customer generated manifest. The customer manifest must have the following information, at a minimum:

1) Waste Generators – Name & Address. This is the name and physical address of where work is being done

2) Type of Material & Total Volume (with unit of measure, i.e. cubic yards, tons, etc.)

3) Waste Generator and Driver signature and date

47-14-0220 (01/94)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE

REGISTRATION FORM FOR A SOLID WASTE MANAGEMENT FACILITY

Please read and follow all instructions before completing this registration form

Please Type or Print clearly THIS IS NOT A UPA PERMIT

DEPARTMENT USE ONLY	
DEC REGISTRATION #	4 1 W 9 3
DEC ADMINISTRATION #	
DATE RECEIVED	9,10,98

1. FACILITY NAME AND LOCATION
EVERGREEN RECYCLING OF CORONA
Street: WILLETS POINT BLVD.
City/Village: CORONA MEADOWS YARD
Town: CORONA County: QUEENS
Telephone Number: (718) 446-7000

2. FACILITY OWNER'S NAME
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK, 11368
Telephone Number: (718) 446-7000 ex ~~248~~ 297

3. FACILITY OPERATOR'S NAME (if different)
TULLY ENVIRONMENTAL, INC.
Mailing Address: 127-50 NORTHERN BLVD.
City/Town/Village: FLUSHING
State/Zip Code: NEW YORK 11368
Telephone Number: (718) 446-7000 ex 248

4. SITE OWNER'S NAME (if different)
METROPOLITAN TRANSPORATION AUTHORITY
Mailing Address: 347 MADISON AVENUE
City/Town/Village: NEW YORK
State/Zip Code: NEW YORK 10017-3739
Telephone Number: (212) 878-7048

5. TYPE OF FACILITY REGISTRATION (check all applicable boxes)

- ☐ Energy Recovery Incinerators or Pyrolysis Units [360-5.1(c)]
- ☐ Land Application and Sludge Storage Facilities [360-4.1(c)]
- ☐ Composting and Other Distribution and Marketing Facilities [360-5.3(b)]
- ☐ Land Clearing Debris Landfills three acres or less [360-7.2(a)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of household solid waste annually [360-11.1(b)(1)]
- ☐ Transfer Stations (municipally owned/operated/contracted) receiving less than 50 000 cubic yards or 12,500 tons of containerized solid waste annually [360-11.1(b)(2)]
- ☐ Source Separated, Nonputrescible Solid Waste Recyclables Handling and Recovery Facilities [360-12.1(d)]
- ☐ Waste Tire Retreaders [360-13.1(d)(1)(i)]
- ☐ Waste Tires Stored for On-site Energy Recovery [360-13.1(d)(1)(ii)]
- ☐ Tire Dealers Selling Waste Tires [360-13.1(d)(1)(iii)]
- ☐ Tire Manufacturing Facilities [360-13.1(d)(1)(iv)]
- ☒ Processing Facilities Receiving Only Recognizable Uncontaminated Concrete, Asphalt Pavement, Brick, Soil or Rock [360-16.1(d)(1)(i)]
- ☐ Uncontaminated Unadulterated Wood Processing Facilities [360-16.1(d)(1)(ii)]
- ☐ Other Facilities not specifically described above, Specify Type

6. SOLID WASTE HANDLED

a. List wastes and/or materials to be accepted: Concrete, Fill, Virgin Sand, Gravel, Asphalt

b. Quantity (Specify Units - see instructions)
design capacity: 10,000 yards
storage on site: 50,000 yards

7. OPERATIONS SCHEDULE - Normal schedule of operation
Mon-Fri 7am-6pm

8. NAME(S) OF ALL MUNICIPALITIES SERVED

9. CERTIFICATION:
I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority as President (title) of Tully Environmental (entity) to sign this registration form pursuant to 6 NYCRR Part 360. By signing this registration form, I affirm that I have read the applicable regulations and will abide by all conditions of the registration requirements. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Printed/Typed Name	Signature	Mo.	Day	Year
Peter K. Tully		09	08	98

REGIONAL OFFICE COPY - COPY #1

145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900

Serving the Mid-Atlantic and Northeast Regions for over 30 years
www.mtgroup.com

Client: Evergreen Recycling
David Cinquemani
127-50 Northern Blvd.
Flushing, NY 11368

Project: Evergreen Recycling

Project ID: 201210100
Weather:
Temperature:

Date: 01/17/2017
Report #: 1-140-000288
Inspector: Christy Sanders
Time Start:
Time Finish:

REPORT: Sieve Analysis

MTG NO: 136044
Test Method: See Below

Material: DGA

Sieve	% Passing	Low	High
1 1/2 in	100	100	100
1.00 in	93		
3/4 in	79	55	90
1/2 in	47		
3/8 in	40		
1/4 in	33		
No. 4	28	25	60
No. 8	22		
No. 10	20		
No. 16	17		
No. 30	13		
No. 40	10		
No. 50	8	5	25
No. 100	5		
No. 200	3.8	3.0	12.0

* Denotes Out of Specification

Complies: Yes
Remarks:
Test Method (As Applicable):ASTM D 422, ASTM D 1140

Orig: Evergreen Recycling Attn: David Cinquemani
(1-ec copy)

Respectfully Submitted,
MT Group

Marisa A. Harte, Director

726355

Evergreen Recycling of Corona Inc.
127-50 Northern Blvd.
Flushing, NY 11368
YARD 35th Ave. Willets Point Blvd.
Tel: 718-205-8038 Fax: 718-205-8202

SCALE TICKET

Ticket Number: 100536068
Date: 3/8/2017 5:25 AM
Trucker: Two Cousins
Truck No.: 14
License No.:
Job No.:
Entered By: valba

Customer:
Address: AARCO Environmental Services Corp.
50 Gear Avenue
Phone: Lindenhurst, NY 11757
(631) 586-5900

Job No 29-27 queens plaza

PRODUCT	YARDS/TONS
	TONS
Outbound	
3/4 RCA Blend - Out	20.00

CURB DELIVERIES ONLY—OTHERS MADE ELSEWHERE SOLELY AT THE PURCHASER'S RISK

RECEIVED BY

FULL SIGNATURE—NO INITIALS

FULL SIGNATURE—NO INITIALS

Evergreen Recycling of Corona Inc.
127-50 Northern Blvd.
Flushing, NY 11368
YARD 35th Ave. Willets Point Blvd.
Tel: 718-205-8038 Fax: 718-205-8202

726455

SCALE TICKET

100536160

Ticket Number:
Date: 3/8/2017 10:35 AM
Trucker: Two Cousins
Truck No.: 3
License No.:
Job No.: valba
Entered By:

Customer: AARCO Environmental Services Corp.
Address: 50 Gear Avenue
Lindenhurst, NY 11757
Phone: (631) 586-5900
Job No 29-27 QN PLAZA NORTH

PRODUCT	~~YARDS/TONS~~ TONS
Outbound	
3/4 RCA Blend - Out	20.00

CURB DELIVERIES ONLY—OTHERS MADE ELSEWHERE SOLELY AT THE PURCHASER'S RISK

RECEIVED BY

DANY BATISTA

FULL SIGNATURE—NO INITIALS