South Island Apartments

ALBANY, NEW YORK

Final Engineering Report

NYSDEC Site Number: C401074

Prepared for:

South Island Apartments, LLC
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SEPTEMBER 2021

CERTIFICATIONS

I, ___Gianna, M. Aiezza_____, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant to ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Gianna M. Aiezza, of Envirospec Engineering, PLLC, 349 Northern Blvd, Suite 3, Albany, NY 12204, am certifying as Owner’s Designated Site Representative for the site.

081422	09/16/2021	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
BOLs	Bills of Lading
BTEX	Benzene, Toluene, Ethylbenzene and Xylene
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
CPP	Citizen Participation Plan
FER	Final Engineering Report
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
LNAPL	Light Non-Aqueous Phase Liquid
ORC	Oxygen Release Compound
OSHA	Occupational Safety and Health Administration
OWS	Oil/Water Separator
PCBs	Polychlorinated Biphenyls
PID	Photoionization Detector
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
SCOs	Soil Cleanup Objectives
SGVs	Sediment Guidance Values
S/MMP	Soil/ Materials Management Plan
SMP	Site Management Plan
SSDS	Sub-slab Depressurization System
SVOCs	Semi-volatile Organic Compounds
SWPPP	Stormwater Pollution Prevention Plan
TCLP	Toxicity Characteristic Leaching Procedure
TWA	Time-weighted average
VOCs	Volatile Organic Compounds

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

South Island Apartments, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in February 2017, to investigate and remediate a 11.495-acre property located in the Village of Green Island, New York. The property was remediated to restricted residential use and will be used for mixed residential and commercial development.

The site is located in the County of Albany, New York and is identified as Block 1 and Lots 3, 5, and 6 on the Village of Green Island 2019 Tax Map # 33.09. The site is situated on an approximately 11.495-acre area bounded by the Green Island Bridge to the north. The site is surrounded by the Hudson River to the east, west, and south (see Figure 1). The boundaries of the site are fully described in Appendix A: Survey Map, Metes and Bounds.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

Based on the results of the Remedial Investigation (RI), the following Remedial Action Objectives (RAOs) were identified for this site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated October 22, 2018.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. Construction and maintenance of a site cover system consisting of building foundations, asphalt pavement, concrete, or 2' of clean fill in open areas across the site and a cover system along the banks of the site consisting of rip-rap and a block wall along the eastern bank and retaining walls and rip-rap along the western bank to prevent human exposure to remaining contaminated soil/fill remaining at the site;

2. Installation of two (2) temporary monitoring wells on the site to monitor for potential presence of remaining LNAPL.

3. Installation of vapor mitigation systems on each building as a proactive measure.

4. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.

5. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting;

6. Periodic certification of the institutional and engineering controls listed above.

3.0 INTERIM REMEDIAL MEASURES

The Interim Remedial Measures (IRM) activities completed at this site during 2018 are detailed in the IRM Construction Completion Report (CCR) dated October 2018 submitted by Envirospec Engineering, PLLC and are summarized in the following sections. The information and certifications made in the October 2018 IRM CCR were relied upon to prepare this report and certify that the remediation requirements for the site have been met.

3.1. Oil/Water Separator (OWS) and Tank Removal

One (1) known underground oil-water separator (OWS) remained on the Site that required removal. The OWS was removed on July 13, 2018 after the foundation areas had been excavated to prepare for dynamic compaction. No grossly contaminated soils were observed that would be indicative of a spill and photoionization detector (PID) readings were consistent with observations at similar depths when soil borings were completed across the site for the RI.

Soil with elevated PID readings was moved to the staging pad for off-site disposal. Approximately 8 to 10 tons of soil were removed for off-site disposal and the rest of the surrounding soil was used as backfill. Liquid remaining in the tank and fluids used for cleaning were sent for off-site disposal. The OWS was removed from the site as scrap metal and taken to NH Kelman Scrap Yard in Cohoes, NY.

A small tank was uncovered next to the former loading rack area during the excavation of the fill layer. There was no evidence of oil within the tank and no evidence of staining of nearby soils. Approximately 20 tons of soil were removed from the excavation and moved to the staging pad for off-site disposal. The appearance of the fill was consistent with that across the rest of the site. Further details, including results of confirmatory sampling, can be found in the IRM CCR.

3.2 Excavation of SVOCs (SB-26 and SB-37)

Soils at SB-26 (2"-2' bgs) were identified from the RI as containing semi-volatile organic compounds (SVOCs) above Commercial Soil Cleanup Objectives (CSCOs). SB-37 (2"-2' bgs) was added to the IRM activities after completion of the RI Addendum for the Northern Parcel (submitted July 2018).

An area of 5' by 5' was excavated to a depth of 3.1' in the SB-26 area on April 5, 2018, which resulted in approximately 4.3 tons of soil being removed to the staging pad for off-site disposal. An area of 7' by 7' was excavated to a depth of 3' in the SB-37 area on July 13, 2018, which resulted in approximately 8 tons of soil being removed to the staging pad for off-site disposal.

Two confirmation sidewall samples were collected from each excavation at a depth of 2' bgs and were analyzed for SVOCs in accordance with the IRM Work Plan. Each sidewall sample was a composite of two sidewalls. One bottom sample was also collected from each excavation.

Detailed results of confirmation sampling are provided in the IRM CCR. After completion of the excavations, the areas were then backfilled with material from other areas of the site, in accordance with the IRM Work Plan.

3.3 Excavation of LNAPL in Former Loading Rack Area

Excavation was completed across the former loading rack area to address LNAPL identified during the RI. NYSDEC made frequent visits to the site during excavation and extraction activities to observe the progress of the IRM.

After installation of sheet piling and excavation of additional fill material, excavation down to the oil-contaminated soils started. The top elevation of the contaminated soils removed for off-site disposal was approximately +3 to +3.5 ft. The bottom of the excavated areas ranged from elevation -3.5 to -3 ft across the excavation. The surface elevation prior to the excavation ranged from about +27 to +29 ft in this area. The target bottom depth was based on historical observations of the LNAPL thickness in monitoring wells in that area and on visual observations in the field. The oil layer was extracted using vac trucks and vac trailers. Extraction was completed for 22 days over a period of about 7.5 weeks from May 3, 2018 to June 25, 2018. Extraction occurred more frequently early in this period. Over time, the excavation was allowed to sit for a few days in

between extraction events until LNAPL was observed to enter the excavation again, at which time additional extraction was completed.

During oil extraction, some additional oil was observed coming in from the southern side. Additional soil was removed from this area on June 7 and 14, 2018 for off-site disposal after discussions with NYSDEC to confirm the required extent of additional excavation. Additional soil was also excavated from the northwest corner of the excavation on June 7, 2018. Extraction continued for a period of twelve (12) days. After extraction of oil was completed on June 19, 2018, the excavation was allowed to sit for three days with negligible amounts of oil observed in the excavation.

On June 22, 2018, NYSDEC agreed that the excavation could be backfilled after one additional extraction was completed. The final extraction was completed on June 25, 2018. After extraction was completed and approval was given by NYSDEC, documentation sidewall samples were collected. Details of the documentation samples can be found in the IRM CCR.

After receiving NYSDEC approval, the excavation was backfilled. Prior to backfilling, Oxygen Release Compound (ORC) was added to the excavation starting on June 25, 2018 to facilitate degradation of residual contamination. Backfilling started on June 26, 2018. Details on the ORC dosing and backfilling activities can be found in the IRM CCR.

Approximately 3,750 tons of soil were removed from this excavation during the course of the IRM. A total of 66,587 gallons of the LNAPL/water mixture was extracted from the loading rack excavation. The percentage of LNAPL removed during extraction was estimated based on visual observations provided by the extraction company each day. An estimated 28,200 gallons of LNAPL were extracted from the loading rack excavation. Details on waste disposal, including results of waste characterization sampling, can be found in the IRM CCR.

3.4 Excavation of LNAPL in MW-5 Area

Excavation was completed across the MW-5 area to address LNAPL identified during the RI. Excavation of this area began on April 27, 2018.

The fill layer was excavated before proceeding to excavate to the water table. The top elevation of the contaminated soils removed for off-site disposal was approximately +3.5 ft. The bottom of the excavated areas ranged from elevation approximately -3 to -2.5 ft.

The target bottom depth was based on historical observations of the LNAPL thickness in MW-5 and on visual observations in the field.

The oil layer was extracted using vac trucks and vac trailers. Extraction was completed for 14 days over a period of about 6 weeks from May 14, 2018 to June 26, 2018. Extraction occurred more frequently early in this period. Over time, the excavation was allowed to sit for a few days in between extraction events until LNAPL was observed to enter the excavation again, at which time additional extraction was completed.

During oil extraction, it was noted that some additional oil was coming into the excavation. Additional soil was removed from the northern, southern, and eastern sides of the excavation for off-site disposal after discussions with NYSDEC to confirm the required extent of additional excavation. Additional excavation of the northern and eastern sides of the excavation took place on June 6, 2018. Additional excavation of the south side of the excavation took place on June 14, 2018. The southern extent of the excavation was limited by the location of the utility pole between the loading rack and MW-5 excavations. This area could not be disturbed because it was connected to utility lines connected to Green Island and the Green Island Bridge.

On June 22, 2018, NYSDEC gave approval to backfill the area after completion of one additional day of extraction. The final extraction in this area was completed on June 26, 2018. After extraction was completed and approval was given by NYSDEC, documentation samples were collected along all four sides of the excavation. Details on the documentation sampling can be found in the IRM CCR.

After receiving NYSDEC approval, the excavation was backfilled. Prior to backfilling, ORC was added to the excavation. Backfilling activities started on June 29, 2018. Details on ORC dosing and backfilling activities can be found in the IRM CCR.

Approximately 790 tons of soil were removed from the excavation during the course of the IRM. A total of 31,000 gallons of the LNAPL/water mixture was extracted from the MW-5 excavation. The percentage of LNAPL removed during extraction was estimated based on visual observations provided by the extraction company each day. An estimated 10,970 gallons of LNAPL were extracted from the MW-5 excavation. Details on waste disposal, including results of waste characterization sampling, can be found in the IRM CCR.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plan (RAWP) for the South Island Apartments site October 2018). The South Island Apartments site commenced work under the December 2019 Interim Site Management Plan (SMP) on January 7, 2020.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

To assure the safety of the workers and the local community, monitoring practices of the work environment were in place during all phases of work plan activities. A Health and Safety Plan (HASP) was prepared and attached as an appendix to the RAWP. The HASP details procedures for maintaining safe working conditions and minimizing the potential for exposure to hazardous material. The plan outlines the necessary health and safety issues including, but not limited to:

- Health and Safety Risks
- System Maintenance
- Site Control
- Decontamination
- Emergency Response
- System Operation Safety
- Community Monitoring

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site. The HASP can be found in Appendix H to the SMP.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix K of the Interim SMP approved by the NYSDEC on December 6, 2019. The QAPP describes the specific policies, objectives,

organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives during quarterly groundwater sampling activities completed during interim site management.

4.1.3 Soil/Materials Management Plan (S/MMP)

The methods used for managing soils at the site are summarized in the following sections and outlined in detail in the Excavation Work Plan (Appendix G to SMP):

4.1.3.1 Soil Screening Methods

Visual, olfactory, and instrument-based (PID) soil screening were performed during excavation activities at the site. No site soils showed elevated PID readings during screening activities. There was also no visual or olfactory observations of contaminated soils.

4.1.3.2 Soil Staging Methods

Stockpile areas were inspected during SWPPP inspections and Envirospec oversight activities. Stockpiles were kept covered with plastic when not in use. Soils were not stockpiled near catch basins or other discharge points.

4.1.3.3 Materials Excavation and Load-Out

Envirospec personnel were on site during excavation and loadout activities at the site. Loaded vehicles leaving the sites were appropriately lined, tarped, and securely covered. Soils were sampled in accordance with the requirement of the landfill and were determined to be non-hazardous. Non-hazardous materials bills-of-lading accompanied shipments to the landfill (see Appendix B). Materials transport off-site was completed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Further details are provided in Section 4.3.

4.1.3.4 Materials Reuse On-Site

Site soils were reused as backfill across the site, with NYSDEC approval, below the demarcation layer for the engineered cover or beneath impervious surface cover. No organic matter or other solid waste was reused on-site.

4.1.3.5 Backfill from Off-Site Sources

A Request to Import/ Reuse Fill or Soil form was submitted to NYSDEC for approval for all materials proposed for import to the site, allowing a minimum of 5 business days for review. No material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated site was imported to the site. Details on the materials used for backfilling can be found in Section 4.4.

4.1.4 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan (Appendix O of Interim SMP). Site inspections were completed twice a week throughout the project, with the exception of the time period impacted by COVID-19, when the inspection frequency was decreased to once a week. Inspection reports were provided to NYSDEC after each inspection and are provided as Appendix C to this document in a separate electronic submittal.

4.1.5 Community Air Monitoring Plan (CAMP)

Onsite dust monitoring requirements and procedures are presented in detail in the site HASP and within the CAMP (Appendix F of RAWP, Appendix H of the SMP). The CAMP was implemented during all ground intrusive activities. The results of CAMP monitoring are attached as Appendix D (separate electronic submittal). A water truck was used as a proactive measure throughout construction activities to mitigate potential dust concerns. Monitoring for VOCs was completed using a RAE MiniRAE 3000 photoionization detector (PID) and compared to a 15-minute time-weighted average

(TWA) of 5 ppm. Dust monitoring was completed using a TSI 8530 DustTrak II and compared to a 15-minute time-weighted average (TWA) of 0.1 mg/m^3.

Results of CAMP monitoring are discussed in Section 4.2.5.

4.1.6 Contractors Site Operations Plans (SOPs)

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.7 Community Participation Plan

Citizen participation and comment through the term of a particular cleanup is an important aspect of the BCP. A Citizen Participation Plan (CPP) was developed and submitted to the NYSDEC prior to the RI (dated April 2017). The fact sheet was distributed as part of the public comment period prior to the initiation of RAWP activities at the site, and community input was considered by NYSDEC in developing the Decision Document for the site. Site-related reports and documents were made available for review by the public at the document repository referenced in the CPP.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

The contractors and consultants involved with the Remedial Program are provided in Table 1.

Table 1. Contractors and Consultants

Key Participants	Roles and Responsibilities
Environmental Consultant: Envirospec Engineering, PLLC (Gianna M. Aiezza, PE)	Responsible for remedial program activities, including design, field oversight for environmental activities, reporting, inspection, record keeping, QAPP oversight, and report preparation.
Peter Luizzi & Bros. Contracting Inc	Responsible for implementation of remedy, including site preparation work, excavation activities, installation of engineered cover, paving, placement of vapor mitigation piping and vapor barrier, and subcontractor coordination.
McFarland Johnson	Responsible for concrete block wall design, vapor mitigation system design, and preparation of overall site plans.
BBL Construction Services, LLC	Responsible for building construction activities and installation of vapor mitigation system piping and fans.
Northwoods Concrete	Responsible for pouring concrete for foundations, footers, and porches.
American Design	Responsible for pouring concrete for sidewalks and ramps.
JJP Slipforming	Responsible for concrete curb and sidewalks
NMB Land Surveying, PLLC	Responsible for completion of site survey.

Cascade Environmental	Responsible for installation of monitoring wells MW-32 and MW-33.
Precision Industrial Maintenance	Responsible for extraction activities in MW-32 and MW-33.
Pace Analytical	Responsible for analytical testing of soil, groundwater, and waste characterization samples.
Alpha Analytical	Responsible for analytical testing of backfill materials for import request.
Barber Engineering, PLLC	Responsible for conducting SWPPP inspections, reporting results of inspections to NYSDEC, and preparation of SWPPP.
Warren W. Fane, Inc.	Responsible for transportation and disposal of non-hazardous wastes from the site to Waste Management facility in Gansevoort, NY.

4.2.2 Site Preparation

A pre-construction meeting was held with NYSDEC and all contractors on November 8, 2018. The majority of site preparation work was completed during the IRM work completed at the site, including grading and excavation of building footprints to support dynamic compaction activities. Erosion and sedimentation controls, including construction of a bermed area surrounding the site, were in place during the IRM work and continued to be maintained as RAWP activities commenced.

Site mobilization activities included transport of necessary equipment and materials to the site, placement of fencing surrounding the site, and setup of the office trailer, which was initially located in the northwestern area of the site.

4.2.3 General Site Controls

The site was surrounded by fencing, which included gates that were locked to ensure only project personnel and approved visitors accessed the area. Envirospec was on-site daily while site work was completed to document site activities and provide oversight of implementation of the RAWP and interim SMP. The results of these inspections were documented in weekly and monthly reports provided to NYSDEC.

Soil screening results were recorded in field notes as excavation activities progressed. As expected, no elevated PID readings were encountered during RAWP activities, as the fill material is primarily impacted by metals and SVOCs. Soils that were stockpiled prior to reuse or disposal were placed on poly and covered. Inspections of stockpile areas were completed as part of the routine SWPPP inspections and Envirospec daily visits. As discussed in Section 4.1.4, SWPPP inspections were completed throughout the duration of the project and results provided to NYSDEC each week and copies were available onsite.

4.2.4 Nuisance controls

Dust control measures, which included the use of water trucks, were deployed as necessary to ensure compliance with the CAMP (Section 4.2.5). No odor or vapor control was necessary during the implementation of this project, and no complaints were received from the public. Trucks were routed through construction areas, as marked by signage and indicated by the position of fencing at the site. A truck wash was constructed in the northeastern area of the site, and streets were routinely cleaned to avoid tracking of soils off-site.

4.2.5 CAMP results

Dust monitoring was completed at upwind and downwind locations as part of the RAWP, on days when the temperatures and weather conditions allowed.

When work commenced under the interim SMP for the site in January 2020, monitoring with both dust monitors and PIDs was completed at one (1) upwind location, two (2) downwind locations, and one (1) location in front of each occupied building. In an email on February 25, 2020, NYSDEC and NYSDOH approved the removal of the requirement for the PID monitoring stations due to lack of exceedances. The requirement for one (1) upwind and two (2) downwind dust monitoring locations was also removed.

Dust monitoring stations continued to be placed in front of each occupied building. A few exceedances of the 15-minute TWA were observed during the course of the project. These exceedances were discussed in weekly and monthly reports and dust mitigation techniques were employed to address the concerns.

Weekly updates on the CAMP monitoring results were provided throughout the work completed under the RAWP and the interim SMP.

Copies of all field data sheets relating to the CAMP are provided in Appendix E.

4.2.6 Reporting

The RAWP started with daily reports sent by email to NYSDEC and NYSDOH. At the request of NYSDEC, this was changed to a weekly summary with an additional report at the end of each month. Weekly reports discussed the activities completed during that week, the anticipated activities for the following week, a summary of CAMP-related activities, and a photo log. Monthly reports summarized the highlights from the weekly reports for that month. All daily, weekly, and monthly reports are included in electronic format in Appendix F.

The digital photo log required by the RAWP is included in electronic format in Appendix G.

4.3 CONTAMINATED MATERIALS REMOVAL

Activities involving off-site disposal of materials were limited during the implementation of this remedy, given that the engineered cover system was the primary remedy component. Some soil disposal was necessary during excavation for the commercial building and a vac truck was used to extract oil from the temporary monitoring wells onsite. These activities are discussed further in the following sections.

A list of the soil cleanup objectives (SCOs) for the contaminants of concern for this project is provided in Table 2.

Table 2. Soil Cleanup Objectives (SCOs).

Contaminant of Concern	Restricted-Residential SCO [ppm]
Arsenic	16
Lead	400
Mercury	0.81
PAHs, total	N/A[a]
PCB	1
Benzene	4.8
Ethylbenzene	41
Toluene	100
Xylene (mixed)	100
Copper	270
Silver	180

[a] = No SCO for total PAHs is available. Data were evaluated for individual PAHs.

4.3.1 Soil

In general, excavated fill material was reused below the engineered cover system across areas of the site. However, the amount of material generated from the excavation for the commercial building foundation exceeded the amount that could be reused onsite beneath the cover system. This material was excavated and shipped off-site for disposal. Disposal details are discussed further in Section 4.3.1.1.

The final survey for the site is provided in Figure 2.

4.3.1.1 Disposal Details

Excavated material from the commercial building foundation work was disposed of off-site on June 22 through June 24, 2020. Bills of lading (BOLs) are provided in Appendix B. A total of 958.16 tons of material were disposed of at Waste Management's Green Ridge facility located at 424 Peters Rd in Gansevoort, NY.

Samples were collected for waste characterization sampling from representative stockpiles at the site. Samples were analyzed for the following parameters in accordance with the landfill requirements:

- PCBs by EPA Method 8082
- TCLP Metals (including mercury), SVOCs, and VOCs
- Flashpoint, Closed Cup by EPA Method 1010

- Ignitability of Solids by Method 1030
- Sulfide by EPA Method 9034
- pH by EPA Method 9045D
- Cyanide by EPA Method 9014

Results are provided in Table 4 in Appendix H. Samples were determined to be non-hazardous, which was consistent with previous waste characterization sampling completed for the site. The results were used to submit an amendment to the existing profile for the site so additional volume could be added. Documentation of the amendment approval for profile 119055NY is provided in Appendix H.

4.3.2 Oil Extraction

Oil was encountered in temporary monitoring wells MW-32 and MW-33 during groundwater sampling activities. Based on those measurements, follow-up measurements were completed to determine the effect of the tide on the thickness of oil. Oil thickness generally ranged from 0 to 1-2 ft in MW-32 and MW-33, with the highest levels typically observed during low tide. Based on these observations, NYSDEC requested a round of vacuum extraction of oil from temporary monitoring wells MW-32 and MW-33 be completed.

Precision Environmental Services extracted 220 total gallons of oil from the two monitoring wells. Extraction was completed with the vac truck on June 30, 2020. Oil measurements during subsequent groundwater monitoring rounds ranged from 0 to 0.3 ft in MW-32 and 0 to 0.75 ft in MW-33.

4.3.2.1 Disposal Details

Oil was disposed of by Precision Environmental Services at Cycle Chem, Inc. located at 217 S First Street in Elizabeth, NJ based on the same profile that was used for the site during IRM activities. The bill of lading is provided in Appendix I.

4.4 IMPORTED BACKFILL

A table of all sources of imported backfill with quantities for each source is shown in Table 3. Table 5, which summarizes chemical analytical results for backfill, in comparison to allowable levels, is provided in Appendix J.. The supporting documentation for each request to import and NYSDEC approvals are provided in Appendix J.

Table 3. Imported Backfill Materials.

Material	**Source**	**Volume Imported (yd3)**	**Placement Locations**
Select Fill	Warren W. Fane Inc, 620 Main Ave Wynantskill, NY	3885	Soil cover system
Bedding Fill	Warren W. Fane Inc, 620 Main Ave Wynantskill, NY	116	Pipe bedding
Recycled Concrete Aggregate	Carver Companies Stone Products Port of Coeymans, 2170 River Rd, Coeymans, NY	6282.6	Used as rip-rap along banks
ASTM #57 Stone	Warren W. Fane, Inc. 33 Palitsch Rd. Cropseyville, NY	1319.4	Beneath parking garages, main roads and parking lots, DOT entrance
Type 2 Subbase	Warren W. Fane, Inc. 33 Palitsch Rd. Cropseyville, NY	7075.1	Roadways and parking lots

Material	Source	Volume Imported (yd3)	Placement Locations
ASTM #57 Stone	Warren W. Fane, Inc. 1 South Rd. South Bethlehem, NY	15058	Fill for mitigation systems, structural concrete pads and foundation areas, building backfill, decorative landscape
NYSDOT #2 Stone	Warren W. Fane, Inc. 1 South Rd. South Bethlehem, NY	1923	Construction entrances and temporary roads
Cobbles, washed	Warren W. Fane Inc, 620 Main Ave Wynantskill, NY	41	Decorative landscape
Light stone fill	Warren W. Fane, Inc. 33 Palitsch Rd. Cropseyville, NY	342.9	Rip rap
ROB Gravel	Warren W. Fane Inc, 620 Main Ave Wynantskill, NY	147.3	Building backfill

4.5 CONTAMINATION REMAINING AT THE SITE

The following sections outline the contamination remaining in site soils, groundwater, sediment, surface water, and soil vapor.

4.5.1 Soil

Full tables of exceedances at soil borings completed across the site are provided in Appendix E of the SMP. Soil borings do not necessarily reflect current locations of these soils, given that soils were moved during development activities. However, they provide an overview of the general conditions expected beneath the site cover system. Exceedances of the Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) were noted for the following metals:

- Arsenic (UUSCO and RRSCO exceedances)
- Barium (UUSCO and RRSCO exceedances
- Beryllium (UUSCO exceedances)
- Cadmium (UUSCO and RRSCO exceedances)
- Chromium (UUSCO and RRSCO exceedances)
- Copper (UUSCO and RRSCO exceedances)
- Lead (UUSCO and RRSCO exceedances)
- Manganese (UUSCO and RRSCO exceedances)
- Mercury (UUSCO and RRSCO exceedances)
- Nickel (UUSCO exceedances)
- Selenium (UUSCO exceedances)
- Silver (UUSCO exceedances)
- Zinc (UUSCO exceedances)

Exceedances of UUSCOs and RRSCOs were observed for the following SVOCs:

- Benzo(a)anthracene (UUSCO and RRSCO exceedances)
- Benzo(a)pyrene (UUSCO and RRSCO exceedances)

- Benzo(b)fluoranthene (UUSCO and RRSCO exceedances)
- Benzo(k)fluoranthene (UUSCO exceedances)
- Chrysene (UUSCO and RRSCO exceedances)
- Dibenz(a,h)anthracene (UUSCO and RRSCO exceedances)
- Indeno(1,2,3-cd)pyrene (UUSCO and RRSCO exceedances)

If an exceedance was observed for an RRSCO, it was, by definition, also an exceedance of the UUSCO. No source areas for SVOCs or metals were identified at the site. The exceedances observed at the site were consistent with historic fill.

4.5.2 Sediment

Sediment sample results are provided in Table 13, in Appendix E to the SMP. No exceedances of RRSCOs were detected in sediment samples. No exceedances of SGVs for SVOCs were observed.

Only one sediment location (SE-7) showed an exceedance of a Class C SGV of 130 ppm for lead (142 ppm, 0 to 6”). Therefore, a pore water sample was collected from the area of potential seeps along the west side of the site to estimate the bioavailability of contaminants, including lead, within the sediment particles. This sampling method provides information about potential off-site seepage of contaminants to surface water. The pore water sampling only resulted in exceedances of the surface and groundwater standards for iron, manganese and sodium. Based on these results, there is no indication that contaminants, including lead, are migrating to surface water. The results of the pore water sample are provided in Table 13 in Appendix E to the SMP.

4.5.3 Groundwater

Quarterly groundwater sampling events were completed in 2020 at the two (2) temporary monitoring wells installed at the site, MW-32 and MW-33. Full results are

provided in the SMP for the site. Exceedances were noted for 2,4-dimethylphenol, 2,4-dinitrotoluene, 3-nitroaniline, 4-chloroaniline, 4-nitroaniline, and nitrobenzene, with discrepancies noted for one of the duplicate samples. Also, results obtained for 3-nitroaniline, 4-chloroaniline, and 4-nitroaniline are not consistent with historical results or usage of the site and are not site contaminants of concern.

4.5.4 Surface Water

Surface water sampling was not the focus of the investigations completed at this site. There was one pore water sample collected along the western bank during low tide, as discussed above in section 2.4.2 for Sediments. The surface water and exposed sediment along the western bank were visually observed during IRM activities, including when sheet piling was installed, and no sheen was observed.

4.5.5 Soil Vapor

The full results of the nine (9) soil vapor samples and two (2) ambient air samples collected at the site are provided in Table 16 in Appendix E to the SMP. Soil vapor samples were compared to the air guideline values in NYSDOH VI guidance, with no exceedances noted. Detections of BTEX were observed at several locations, which is consistent with the historical use of the site. Soil vapor mitigation systems were installed for each building on-site as a proactive measure. These are discussed further in Section 4.7.

Since contaminated soil and groundwater remain beneath the site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.6 SITE COVER SYSTEM

Exposure to remaining contamination in soil/fill at the site is prevented by a cover system placed over the site. This cover system is comprised of a minimum of 24 inches of clean soil, asphalt pavement, concrete-covered sidewalks, and concrete building slabs. The cover system along the east bank consists of a concrete block wall and rip-rap. The cover system along the west bank consists of retaining walls and rip-rap. Figure 2 shows the final survey of the cover systems at the Site. Figures 3 and 4 show the as-built cross sections for soil cover and for each non-soil remedial cover type used on the site, respectively. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix G of the SMP.

4.7 OTHER ENGINEERING CONTROLS

Sub-slab depressurization systems (SSDS) were installed on all on-site buildings during construction as a proactive measure. Each building has an active SSDS installed. The systems are equipped with Rn Series Radon Fans from fantech®. Manometers from RadonAway were installed and will be used to monitor the vacuum beneath the building slab during inspections. System components were installed per the manufacturer's instructions. Additional information on the components of the system, including the fans and manometers, and as-built drawings can be found in Appendix I to the SMP.

Pressure differential testing was completed for Buildings 15, 20, 25, and 30 prior to building occupancy. Results of the testing are provided in Appendix K. Pressure differential testing has not been completed for Building 10. Indoor air, sub-slab, and outdoor air samples were collected from the western section of Building 10 in May 2021, prior to building occupancy. The results of the sampling are also provided in Appendix K. Based on the sampling, NYSDEC and NYSDOH requested that the SSDS be operated, and an additional round of sampling will be completed during the heating season.

Procedures for monitoring, operating and maintaining the SSDS are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP).

The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.8 INSTITUTIONAL CONTROLS

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential uses only.

The environmental easement for the site was executed by the Department on December 5, 2019, and filed with the Albany County Clerk on December 10, 2019. The County Recording Identifier number for this filing is R2019-26440. A copy of the easement and proof of filing is provided in Appendix L.

4.9 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

There was a deviation from the approved Remedial Action Work Plan. Three imported backfill materials, cobbles washed and ROB gravel from Wynantskill and light stone fill from Cropseyville, were from approved sources, but imported material request forms were not submitted for the specific materials.

LIST OF TABLES

Table 1 Contractors and Consultants

Table 2 Soil Cleanup Objectives (SCOs)

Table 3 Imported Backfill Materials

Table 4 Waste Characterization Sample Results (in Appendix H)

Table 5 Backfill Sample Results (in Appendix J)

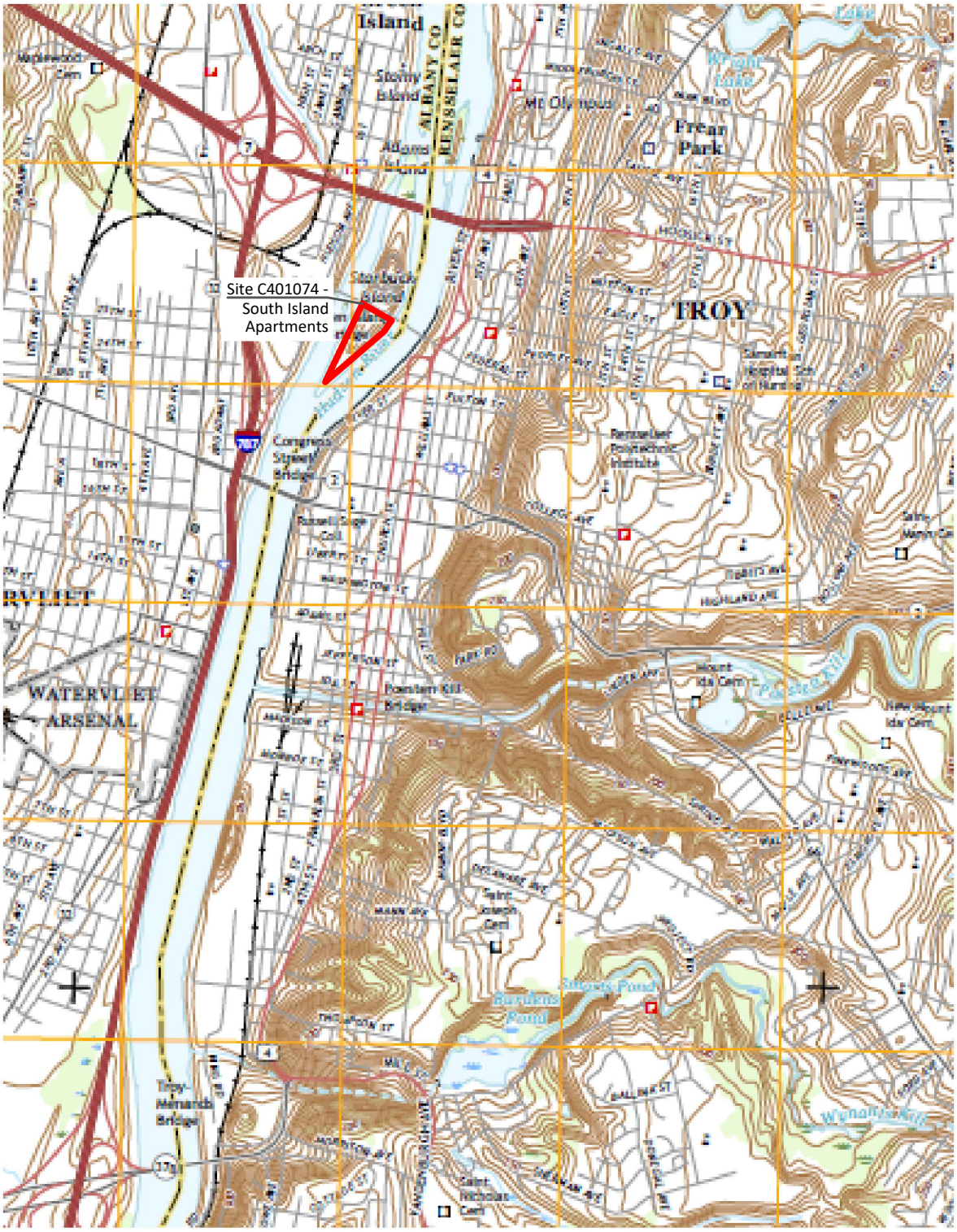
LIST OF FIGURES

Figure 1 Site Map

Figure 2 Final Survey of Site Cover

Figure 3 Cross-Section Soil Cover Detail

Figure 4 Cross-Section Cover Details



Scale: 1:3,000 ft

Approximate Site Boundary

TITLE: FIGURE 1 – SITE LOCATION MAP

LOCATION: 1 OSGOOD AVENUE/CENTER ISLAND
GREEN ISLAND, NEW YORK

envirospec
ENGINEERING, PLLC
349 Northern Blvd., Suite 3
Albany, NY 12204
Phone: 518.453.2203
Fax: 518.453.2204
www.envirospeceng.com

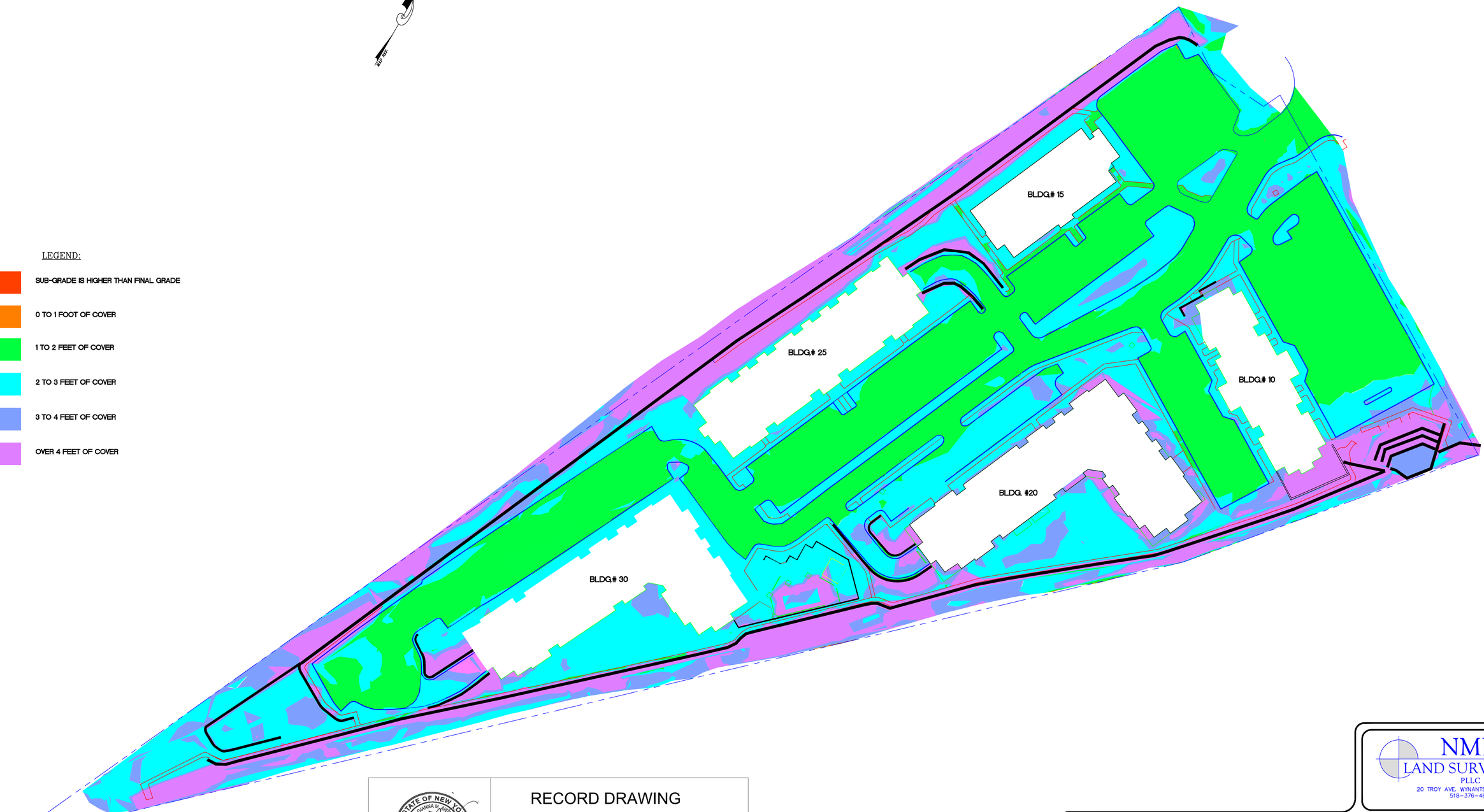
NOTES:

1. TOP OF CAP SURVEY PERFORMED ON DECEMBER 23, 2019, FEBRUARY 20, 2020, JULY 3, 2020 AND DECEMBER 11, 2020.
2. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
3. ALL SUB-GRADE INFORMATION WAS PROVIDED BY PETER LUIZZI AND BROS CONTRACTING. NMB LAND SURVEYING PLLC PERFORMED NO FIELD CHECKS OR CONFIRMATION OF SUB-GRADE.

MAP REF

LEGEND:

- SUB-GRADE IS HIGHER THAN FINAL GRADE
- 0 TO 1 FOOT OF COVER
- 1 TO 2 FEET OF COVER
- 2 TO 3 FEET OF COVER
- 3 TO 4 FEET OF COVER
- OVER 4 FEET OF COVER



STATE OF NEW YORK
DIANNA M. LUIZZI
LICENSED PROFESSIONAL ENGINEER
081422

This engineer's signature and seal is only to be interpreted to confirm that the cover system was installed in substantial compliance with the Remedial Action Work Plan.

RECORD DRAWING

REV	DATE	DESCRIPTION	BY

envirospec ENGINEERING, PLLC
349 NORTHERN BLVD.
ALBANY, NY 12204
P.518.453.2203
F.518.453.2204

MAP REFERENCE:

MAP ENTITLED "MAP OF SURVEY LANDS OF PRIME KDRM, LLC, LANDS OF CENTER ISLAND CAR WASH, LLC TO BE CONVEYED TO SOUTH ISLAND APARTMENTS, LLC", DATED JUNE 15, 2017 AND PREPARED BY NMB LAND SURVEYING, PLLC.

REVISIONS			
NO.	DATE	DESCRIPTION	BY

STATE OF NEW YORK
NATHAN M. BURROWS
LICENSED LAND SURVEYOR
050724

NATHAN M. BURROWS L.S.
NEW YORK LIC. No. 50,724

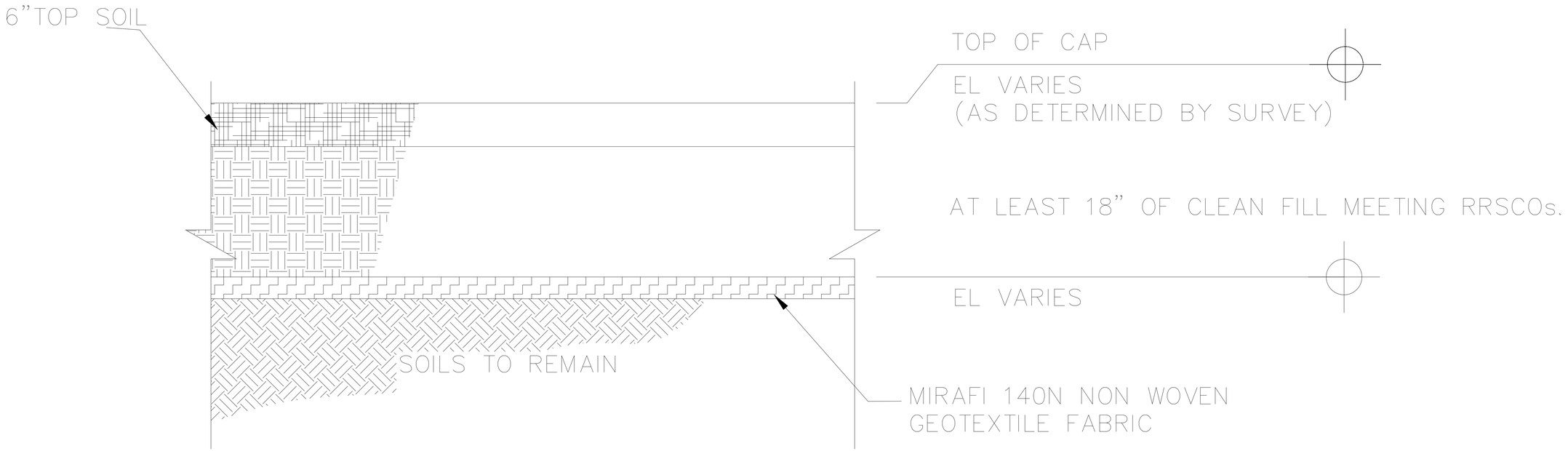
NMB
LAND SURVEYING
PLLC
20 TROY AVE. WYNANTSKILL NY, 12198
518-376-4630

CAP COVER ANALYSIS

STARBUCK ISLAND

VILLAGE OF GREEN ISLAND
COUNTY OF ALBANY STATE OF NEW YORK

SURVEYED BY: AJK	CHECKED BY: NMB	DATE: DECEMBER 22, 2020
DRAWN BY: CJC	JOB No. NB17-001	DWG No. 20122Ovisurface
SCALE: 1"=50'	SHEET 1 OF 1	



2
C-2

SOIL CAP DETAIL

NOTES:

1. CAPPING MATERIALS (GRAVEL AND ASPAHLT) MET RESTRICTED RESIDENTIAL (RRSCOs) SOIL CLEANUP OBJECTIVES FOR VOC, SVOC'S, PCB'S, AND METALS AS SET FORTH IN 6NYCRR PART 375-6.8(b) WITHIN.
2. SOIL COMPACTION HAS MET 90-95% AS DETERMINED BY ASTM D698 PROCTOR TEST.
3. DEMARCATION LAYERS CONSIST OF NON WOVEN GEOTEXTILE FABRIC (MIRAFI 140N) OR EQUIVALENT.

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ENVIROSPEC PROJECT #E12-662

envirospec ENGINEERING, PLLC
349 NORTHERN BLVD.
ALBANY, NY 12204
P:518.453.2203
F:518.453.2204

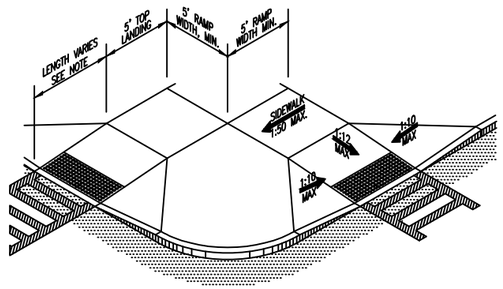
W.O. No.	REVISION	DATE	
JB	Modified wording.	2021	AUG.

STARBUCK DRIVE
GREEN ISLAND, NEW YORK

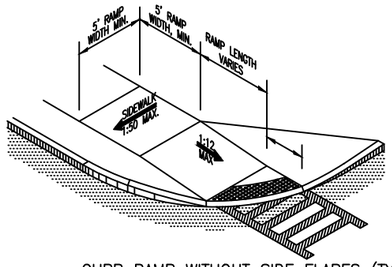
DRAWN	ALC	10/15/12
CHECKED	MJR	10/15/12

SOIL COVER
DETAIL SHEET

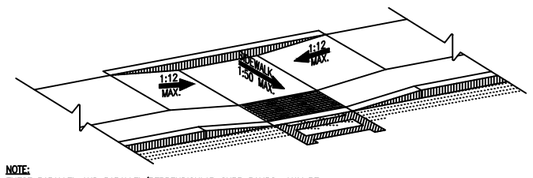
SCALE	DRAWING No.	SHEET	REV. No.
1"=60'	FIGURE 3		



PERPENDICULAR SIDEWALK CURB RAMP WITH SIDE FLARES (TYPE 7)



CURB RAMP WITHOUT SIDE FLARES (TYPE 1)

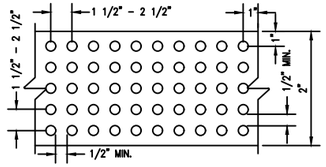


NOTE:
THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

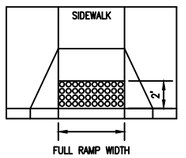
COMBINED PARALLEL/PERPENDICULAR CURB RAMP (TYPE 10)

NOTES:

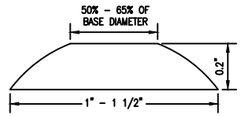
1. THE DETECTABLE WARNING DETAILS PROVIDED ARE NOT DRAWN TO SCALE. THE QUANTITY OF DOMES DEPICTED ON THE DETECTABLE WARNING FIELD (THE DOMES AND THE ENTIRE 2' LEVEL SURFACE) IS FOR ILLUSTRATION ONLY.
2. LOCATION OF DETECTABLE WARNINGS. DETECTABLE WARNINGS SHALL BE LOCATED SO THAT THE EDGE OF THE WARNING FIELD NEAREST TO THE ROADWAY OR STREET SURFACE IS 6" TO 9" (1' WHERE TRANSVERSABLE CURB IS USED) FROM THE EDGE OF THE ROADWAY/STREET, OR FROM THE FACE OF THE DROPPED CURB, WHERE A DROPPED CURB CONTINUES ACROSS THE BOTTOM OF THE SIDEWALK CURB RAMP. THE DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.
3. DOME ALIGNMENT. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL.
4. PAYMENT LINES ARE THE 2' DIMENSION SHOWN IN THE DETAILS EXTENDING THE FULL WIDTH OF THE CURB RAMP AND/OR APPLICABLE SURFACES. LANDINGS SHALL HAVE A MINIMUM CLEAR DIMENSION OF A 5' BY 5' SQUARE.
5. LANDINGS MAY OVERLAP WITH ADJACENT LANDINGS OR A SINGLE LANDING MAY SERVE MULTIPLE CURB RAMPS OR PARALLEL OR PARALLEL/PERPENDICULAR RAMPS. LANDINGS MAY OVERLAP WITH THE CLEAR GROUND SPACE REQUIRED AT PEDESTRIAN SIGNAL PUSH BUTTONS.
6. CROSS SLOPES: THE MAXIMUM CROSS SLOPE OF CURB RAMPS SHALL BE 2 PERCENT. THE MAXIMUM CROSS SLOPE AT LANDINGS IS 2 PERCENT IN ANY DIRECTION. SURFACES SHALL GENERALLY LIE IN CONTINUOUS PLANES WITH A MINIMUM OF SURFACE WARP.
7. THE RUNNING GRADE OF CURB RAMPS SHOULD BE AS FLAT AS PRACTICABLE. THE MAXIMUM RUNNING GRADE OF ANY PORTION OF ANY CURB RAMP SHALL BE 1:12 (8.3%). CURB RAMPS ARE NOT REQUIRED TO BE LONGER THAN 15'.
8. THE SURFACE OF ALL CURB RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT. A COARSE BROOM FINISH RUNNING PERPENDICULAR TO THE SLOPE IS RECOMMENDED ON CONCRETE RAMP SURFACES, EXCLUSIVE OF THE DETECTABLE WARNING FIELDS.
9. CURB RAMPS LOCATED WHERE PEDESTRIANS MAY WALK ACROSS THE CURB RAMP SHALL HAVE FLARED SIDES. THE LENGTH OF THE FLARES SHALL BE AT LEAST TEN (10) THE TIMES THE CURB HEIGHT, MEASURED ALONG THE CURB LINE. WHEN INFEASIBLE OR IMPRACTICABLE TO PROVIDE A LANDING THAT IS AT LEAST 4' WIDE (MEASURED FROM THE TOP OF THE RAMP TO THE BACK OF THE SIDEWALK), THE LENGTH OF THE FLARES SHALL BE TWELVE (12) TIMES THE CURB HEIGHT MEASURED ALONG THE CURB LINE.
10. COORDINATE ALL TRAFFIC CONTROL DEVICES, UTILITY LOCATIONS, SIGNS, STREET FURNITURE AND DRAINAGE TO ENSURE A CONTINUOUS PEDESTRIAN ACCESS ROUTE AT ALL CURB RAMP LOCATIONS. GUIDANCE FOR CROSSWALK MARKINGS AND TRAFFIC CONTROL DEVICES IS PROVIDED IN THE MUTCD. DRAINAGE GRATES AND UTILITY ACCESS COVERS ARE NOT ALLOWED IN RAMP WALKING SURFACES OR LANDINGS.
11. AT MARKED CROSSINGS, THE FULL WIDTH OF THE RAMP SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS. THE SIDES OF THE RAMPS (THE FLARES) NEED NOT BE WITHIN THE WIDTH OF THE MARKINGS.
12. RAMP TRANSITIONS BETWEEN WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (1/4" MAX).



DOME SPACING

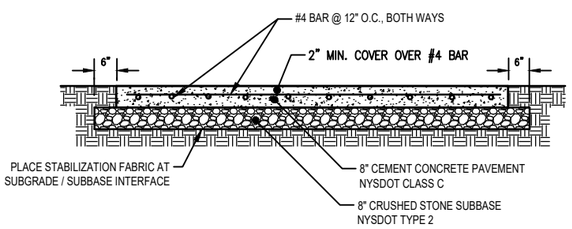


DETECTABLE WARNING AT CURB RAMP



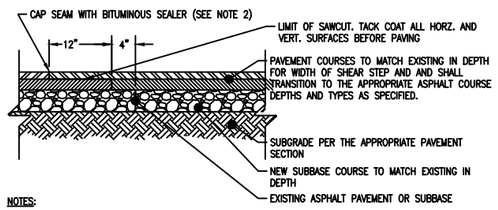
DOME SECTION

ACCESSIBLE RAMPS WITH DETECTABLE WARNING STRIP DETAILS
N.T.S.



NOTES:
1. STEEL REINFORCING SHALL BE IN THE UPPER THIRD OF THE CONCRETE.
2. CONTROL JOINTS SHALL BE SPACED EVERY 10'.

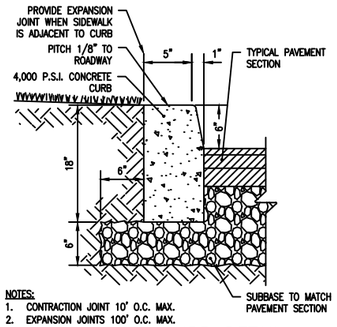
CONCRETE DUMPSTER PAD DETAIL
N.T.S.



NOTES:

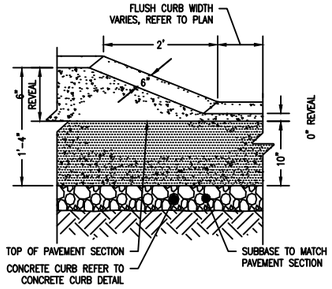
1. EXISTING PAVEMENT SHALL BE SAW CUT TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING. FINAL SAW CUT SHALL BE MADE PRIOR TO PAVING AND AFTER SUBBASE STONE IS PLACED.
2. ADD COAL TAR SEAL COAT WITH UNVULCANIZED RUBBER AT JOINT ALONG SAWCUT SEAM. SEALANT SHALL BE STRUCK OFF FLUSH WITH PAVEMENT SURFACE.
3. DEPTH OF SAWCUT SHALL BE DETERMINED ONCE THE PAVEMENT CROSS SECTION HAS BEEN EXPOSED.

SHEAR STEP DETAIL
N.T.S.

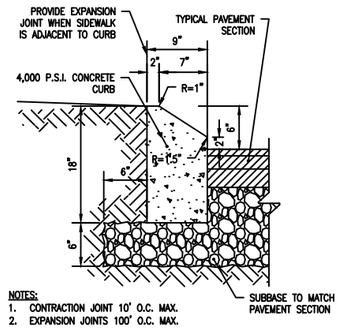


NOTES:
1. CONTRACTION JOINT 10' O.C. MAX.
2. EXPANSION JOINTS 100' O.C. MAX.

CONCRETE CURB DETAIL
N.T.S.

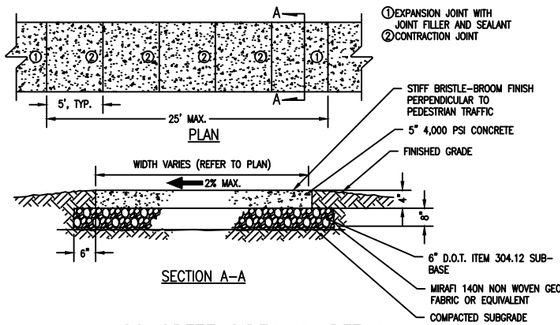


DEPRESSED CURB DETAIL/DRAINAGE CURB OPENING
N.T.S.

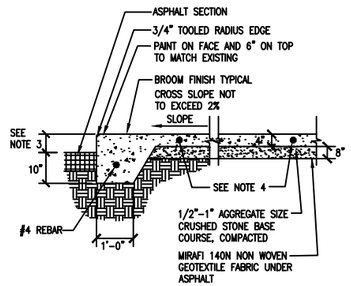


NOTES:
1. CONTRACTION JOINT 10' O.C. MAX.
2. EXPANSION JOINTS 100' O.C. MAX.

MOUNTABLE CURB DETAIL
N.T.S.

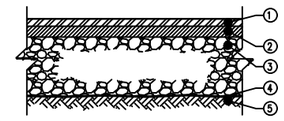


CONCRETE SIDEWALK DETAIL
N.T.S.



NOTES;
1. PROVIDE 6X6 #6 WWF, MINIMUM 2" COVER, NOT SHOWN.
2. USE MINIMUM 4000 PSI CONCRETE.
3. CURB REVEAL VARIES, 6" MAXIMUM.
4. TO BOND NEW SECTION TO EXISTING, PROVIDE #3 REBAR (2 EACH SIDE), 24" LONG, DRILL AND INSERT AND GROUT ONE END 12" INTO EXISTING SIDEWALK; THE REMAINING 12" LENGTH SHALL PROTRUDE INTO NEW SECTION. PLACE REBARS 5 FEET APART.

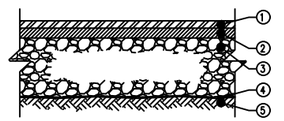
SIDEWALK SECTION WITH CURB
N.T.S.



① 1.5" TOP COURSE, NYSDOT 403.18 TYPE 6 OR 7
② 3" BINDER COURSE, NYSDOT 403.13 TYPE 3
③ 12" SUBBASE COURSE, NYSDOT ITEM 304.13 TYPE 2
④ MIRAFI 600X GEOTEXTILE FABRIC
⑤ COMPACTED SUBGRADE

NOTES:
1. COMPACT SUBGRADE TO A MODIFIED PROCTOR DENSITY OF 95%
2. 12" SUBBASE COURSE SHALL HAVE NO MORE THAN (7%) SEVEN PERCENT BY WEIGHT FINER THAN NO. 200 SIEVE.
3. REFER TO GEOTECHNICAL ENGINEERING REPORT FOR SUBGRADE PREPARATION/COMPACTION REQUIREMENTS.

HEAVY DUTY ASPHALT PAVEMENT SECTION
N.T.S.



① 1.5" TOP COURSE, NYSDOT 403.18 TYPE 6 OR 7
② 2.5" BINDER COURSE, NYSDOT 403.13 TYPE 3
③ 8" SUBBASE COURSE, NYSDOT ITEM 304.13 TYPE 2
④ MIRAFI 600X GEOTEXTILE FABRIC
⑤ COMPACTED SUBGRADE

NOTES:
1. COMPACT SUBGRADE TO A MODIFIED PROCTOR DENSITY OF 95%
2. SUBBASE COURSE SHALL HAVE NO MORE THAN (7%) SEVEN PERCENT BY WEIGHT FINER THAN NO. 200 SIEVE.
3. REFER TO GEOTECHNICAL ENGINEERING REPORT FOR SUBGRADE PREPARATION/COMPACTION REQUIREMENTS.

LIGHT DUTY ASPHALT PAVEMENT SECTION
N.T.S.

ISSUED FOR CONSTRUCTION

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Site Details

N.T.S.	AJF	
TCH	18327.00	**FIGURE 4**
MCH	JULY 17, 2019	1 1

LIST OF APPENDICES

Appendix A	Metes and Bounds Survey
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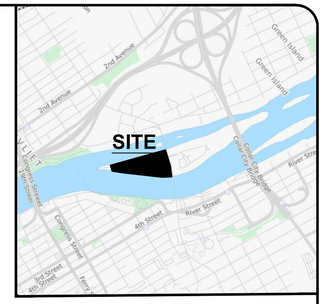
APPENDIX A

Metes and Bounds Survey

ENVIRONMENTAL EASEMENT NOTE:

1. THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY. ALBANY, NY 12233 OR AT derweb@dec.ny.gov.



SITE LOCATION MAP
N.T.S.

Environmental Easement
Starbuck Island

All that piece or parcel of land situate in the Village of Green Island, Town of Green Island, County of Albany, State of New York being more particularly bounded and described as follows.

Beginning at a granite monument in the southerly highway boundary of the Troy-Green Island Bridge Road; thence running northerly from said point of beginning along said highway boundary line between lands now or formerly of The People of New York State on the north and west and the herein described parcel on the south and east the following four courses and distances:

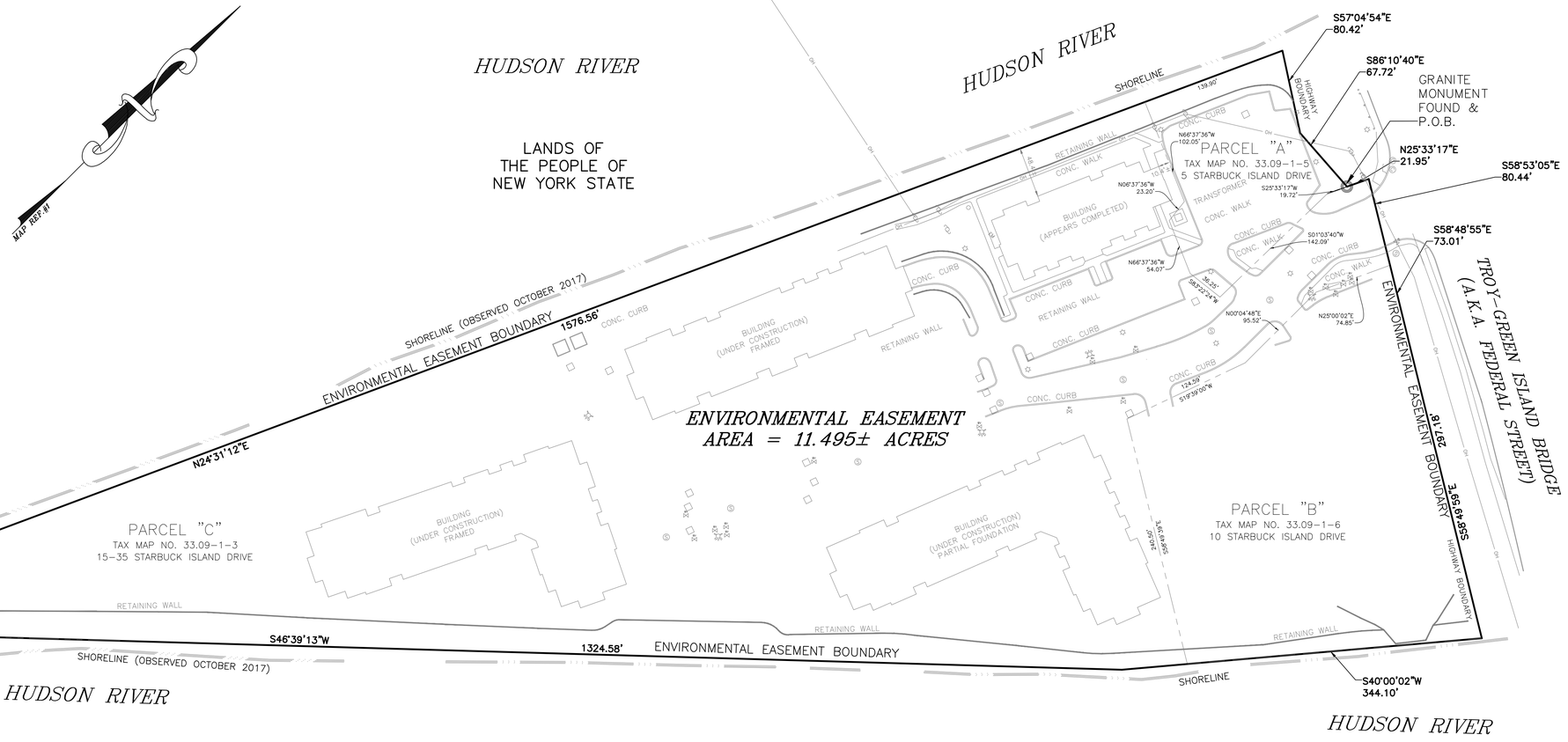
1. N25°-33'-17"E (21.95) feet to a point;
2. S58°-53'-05"E (80.44) feet to a point;
3. S58°-48'-55"E (73.01) feet to a point;
4. S58°-49'-59"E (297.18) feet to a point; said point being the northeast corner of the herein described parcel;

thence running southerly along the west bulkhead of the main channel of the Hudson River the following two courses and distances:

1. S40°-00'-02"W (344.10) feet to a point;
2. S46°-39'-13"W (1,324.58) feet to a point;

Thence running northerly along the easterly bulkhead of the west branch of the Hudson River N24°-31'-12"E (1,576.56) feet to a point; said point being the northwest corner of the herein described parcel; then running easterly along the southerly highway boundary line of the Troy-Green Island Bridge Road S57°-04'-54"E (80.42) feet to a point and S86°-10'-40"E (67.72) feet to the point and place of beginning.

Containing 11.495± acres of land



NOTES:

1. SURVEY SHOWN WAS PREPARED FROM AN OCTOBER 2017 FIELD SURVEY AND UPDATED IN DECEMBER 2018, JULY 2019 AND OCTOBER 2019.
2. DUE TO ON GOING CONSTRUCTION, SITE CONDITIONS MAY HAVE CHANGED SINCE THE TIME OF THE SURVEY.
3. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.

LEGEND:

- GRANITE MONUMENT FOUND
- UTILITY POLE
- OH — OVERHEAD UTILITY LINE
- PP — UTILITY POLE NO LABEL
- NG — UTILITY POLE NATIONAL GRID
- NM — UTILITY POLE NIAGARA MOHOWK
- WV — WATER VALVE
- FIRE HYDRANT
- STORM BASIN
- S — SANITARY MANHOLE
- PROPERTY LINE
- EASEMENT LINE

PARCEL A

All that piece or parcel of land situate in the Village of Green Island, State of New York being more particularly bounded and described as follows.

Beginning at a granite monument in the southerly highway boundary of the Troy-Green Island Bridge Road (A.K.A. Federal Street); thence running southwesterly from said point of beginning along the division line between Parcel C on the southeast and south and the herein described parcel on the northeast and north the following six (6) courses and distances:

1. S25°-33'-17"W (19.72) feet to a point;
2. S01°-03'-40"W (142.09) feet to a point;
3. S83°-22'-24"W (36.25) feet to a point;
4. N66°-37'-36"W (54.07) feet to a point;
5. N06°-37'-36"W (23.20) feet to a point;
6. N66°-37'-36"W (102.05) feet to a point in the easterly U.S. Pier & Bulkhead line on the west side of Starbuck Island formerly known as Center Island:

thence running northerly along said Pier & Bulkhead line N24°-31'-12"E (139.90) feet to a point in the southerly highway boundary of the Troy-Green Island Bridge Road (A.K.A. Federal Street); thence running easterly along said highway boundary the following three (2) courses and distances:

1. S57°-04'-54"E (80.42) feet to a point;
2. S86°-10'-40"E (67.72) feet to the point and place of beginning.

PARCEL B

All that piece or parcel of land situate in the Village of Green Island, State of New York being more particularly bounded and described as follows.

Beginning at a point in the southerly highway boundary of the Troy-Green Island Bridge Road (A.K.A. Federal Street); said point being the north most point of the herein described parcel thence running southeasterly along the last mentioned highway boundary S58°-48'-55"E (68.81) feet to a point and S58°-49'-59"E (297.18) feet to a point in the westerly U.S. Pier & Bulkhead line on the east side of Starbuck Island formerly known as Center Island; thence running southwesterly along said Pier & Bulkhead line S40°-00'-02"W (281.65) feet to a point in the division line between Parcel C on the south and the herein described parcel on the north; thence northwesterly and northerly along the last mentioned division line the following four (4) courses and distances:

1. N58°-49'-39"W (240.50) feet to a point;
2. N19°-39'-00"E (124.59) feet to a point;
3. N00°-04'-48"E (95.52) feet to a point;
4. N25°-00'-02"E (74.85) feet to the point and place of beginning

PARCEL C

All that piece or parcel of land situate in the Village of Green Island, State of New York being more particularly bounded and described as follows.

Beginning at a point in the southerly highway boundary of the Troy-Green Island Bridge Road (A.K.A. Federal Street); said point being the northeast most point of the herein described parcel; thence running southerly and easterly along the division line between Parcel B on the east and north and the herein described parcel on the west and south the following four (4) courses and distances;

1. S25°-00'-02"W (74.85) feet to a point;
2. S00°-04'-48"W (95.52) feet to a point;
3. S19°-39'-00"W (124.59) feet to a point;
4. S58°-49'-39"E (240.50) feet a point in the westerly U.S. Pier & Bulkhead line on the east side of Starbuck Island formerly known as Center Island;

thence running southerly along the last mentioned Pier & Bulkhead line S40°-00'-02"W (62.45) feet to a point; thence S46°-39'-13"W (1324.58) feet to a point; thence running northerly along the U.S. Pier & Bulkhead line on the west side of Starbuck Island formerly known as Center Island N24°-31'-12"E (1403.50) feet to a point; thence N24°-31'-12"E (33.17) feet to point; thence running easterly and northerly along the division line between Parcel A on the north and west and the herein described parcel on the south and east the following (6) courses and distances:

1. S66°-37'-36"E (102.05) feet to a point;
2. S06°-37'-36"E (23.20) feet to a point;
3. S66°-37'-36"E (54.07) feet to a point;
4. N83°-22'-24"E (36.25) feet to a point;
5. N01°-03'-40"E (142.09) feet to a point;
6. N25°-33'-17"E (19.72) feet to a granite monument found in the southerly highway boundary of the Troy-Green Island Bridge Road (A.K.A. Federal Street);

thence running along the last mentioned highway boundary the following two (2) courses and distances:

1. N25°-33'-17"E (21.95) feet to a point;
2. S58°-53'-05"E (80.44) feet to the point and place of beginning

MAP REFERENCE:

1. MAP ENTITLED "SUBDIVISION PLAN STARBUCK ISLAND", DATED FEBRUARY 12, 2019 AND PREPARED BY NMB LAND SURVEYING, PLLC.

0 60 120 Feet
U.S. SURVEY FOOT

0 18.29 36.58 Meters
METRIC

NMB
LAND SURVEYING
PLLC
20 TROY AVE. WYNANTSKILL NY, 12198
518-376-4630

NO.	DATE	REVISIONS DESCRIPTION	BY
1.	11/22/19	PARCEL DESCRIPTIONS	NMB

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S EMBOSSED SEAL AND SIGNATURE IN RED SHALL NOT BE CONSIDERED TO BE VALID COPIES. CERTIFICATES INDICATED OR IMPLIED HEREON SHALL RUN ONLY TO THE PARTY FOR WHOM THE SURVEY IS PREPARED, AND ON THEIR BEHALF TO THE ADDITIONAL PARTIES LISTED HEREON. CERTIFICATES ARE NOT TRANSFERABLE TO ADDITIONAL PARTIES, OR SUBSEQUENT OWNERS, NOT LISTED HEREON.

STATE OF NEW YORK
NATHAN M. BURROWS
050724
LICENSED LAND SURVEYOR

NATHAN M. BURROWS L.S.
NEW YORK LIC. No. 50,724

ENVIRONMENTAL EASEMENT

STARBUCK ISLAND

VILLAGE OF GREEN ISLAND
COUNTY OF ALBANY STATE OF NEW YORK

SURVEYED BY: CC/NMB	CHECKED BY: NMB
DRAWN BY: CC	JOB No. NB17-001
DATE: OCTOBER 16, 2019	
DWG No. 191016 env ease	
SCALE: 1"=60'	SHEET 1 OF 1

SCHEDULE "A" PROPERTY DESCRIPTION

All that piece or parcel of land situate in the Village of Green Island, Town of Green Island, County of Albany, State of New York being more particularly bounded and described as follows.

Beginning at a granite monument in the southerly highway boundary of the Troy-Green Island Bridge Road; thence running northerly from said point of beginning along said highway boundary line between lands now or formerly of The People of New York State on the north and west and the herein described parcel on the south and east the following four courses and distances:

1. N25°-33'-17"E (21.95) feet to a point;
2. S58°-53'-05"E (80.44) feet to a point;
3. S58°-48'-55"E (73.01) feet to a point;
4. S58°-49'-59"E (297.18) feet to a point; said point being the northeast corner of the herein described parcel;

thence running southerly along the west bulkhead of the main channel of the Hudson River the following two courses and distances:

1. S40°-00'-02"W (344.10) feet to a point;
2. S46°-39'-13"W (1,324.58) feet to a point;

thence running northerly along the easterly bulkhead of the west branch of the Hudson River N24°-31'-12"E (1,576.56) feet to a point; said point being the northwest corner of the herein described parcel; then running easterly along the southerly highway boundary line of the Troy-Green Island Bridge Road S57°-04'-54"E (80.42) feet to a point and S86°-10'-40"E (67.72) feet to the point and place of beginning.

Containing 11.495± acres of land

APPENDIX B

Soil Disposal Bills of Lading

Summary of Soil Disposal Shipments

Date	Shipped to	Amount [tons]
6/22/2020	Waste Management Green Ridge LF - Gansevoort	40.54
6/22/2020	Waste Management Green Ridge LF - Gansevoort	41.94
6/22/2020	Waste Management Green Ridge LF - Gansevoort	24.86
6/22/2020	Waste Management Green Ridge LF - Gansevoort	43.79
6/22/2020	Waste Management Green Ridge LF - Gansevoort	36.09
6/22/2020	Waste Management Green Ridge LF - Gansevoort	29.03
6/22/2020	Waste Management Green Ridge LF - Gansevoort	31.6
6/22/2020	Waste Management Green Ridge LF - Gansevoort	39.9
6/22/2020	Waste Management Green Ridge LF - Gansevoort	31.44
6/22/2020	Waste Management Green Ridge LF - Gansevoort	32.94
6/22/2020	Waste Management Green Ridge LF - Gansevoort	32.31
6/23/2021	Waste Management Green Ridge LF - Gansevoort	34.3
6/23/2021	Waste Management Green Ridge LF - Gansevoort	29.71
6/23/2021	Waste Management Green Ridge LF - Gansevoort	32.81
6/23/2021	Waste Management Green Ridge LF - Gansevoort	28.24
6/23/2021	Waste Management Green Ridge LF - Gansevoort	32.43
6/23/2021	Waste Management Green Ridge LF - Gansevoort	32.96
6/23/2021	Waste Management Green Ridge LF - Gansevoort	30.16
6/23/2021	Waste Management Green Ridge LF - Gansevoort	32.78
6/23/2021	Waste Management Green Ridge LF - Gansevoort	33.46
6/23/2021	Waste Management Green Ridge LF - Gansevoort	28.48
6/23/2021	Waste Management Green Ridge LF - Gansevoort	35.4
6/23/2021	Waste Management Green Ridge LF - Gansevoort	29.23
6/24/2021	Waste Management Green Ridge LF - Gansevoort	28.16
6/24/2021	Waste Management Green Ridge LF - Gansevoort	30.86
6/24/2021	Waste Management Green Ridge LF - Gansevoort	27.15
6/24/2021	Waste Management Green Ridge LF - Gansevoort	28.36
6/24/2021	Waste Management Green Ridge LF - Gansevoort	29.52
6/24/2021	Waste Management Green Ridge LF - Gansevoort	28.18
6/24/2021	Waste Management Green Ridge LF - Gansevoort	21.53

TOTAL (tons) 958.16

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59320

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/24/2020 07: Inbound	SD #605115		
Out	06/24/2020 08: Outbound	SD #605115		

Gross	93960 lb
Tare	37640 lb
Net	56320 lb
Tons	28.16

Comments DAVE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	28.16	Tons				ALB

109-90

Total Tax

Driver's Signature DAVE
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59352

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound		
In	06/24/2020 11: Inbound	SD #605115			Gross	99120 lb
Out	06/24/2020 11: Outbound	SD #605115			Tare	37400 lb
					Net	61720 lb
					Tons	30.86

Comments dave

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	30.86	Tons				ALB

119-9D

Total Tax

Driver's Signature dave
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59353

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/24/2020 11: Inbound	SD #605115		
Out	06/24/2020 11: Outbound	SD #605115		

Gross	92600 lb
Tare	38300 lb
Net	54300 lb
Tons	27.15

Comments jeff

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	27.15	Tons				ALB

Total Tax

Driver`s Signature
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59363

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/24/2020 11: Inbound	SD #605115		
Out	06/24/2020 12: Outbound	SD #605115		

Gross	93360 lb
Tare	36640 lb
Net	56720 lb
Tons	28.36

Comments fred

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	28.36	Tons				ALB

Total Tax

Driver's Signature Fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59329

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/24/2020 08: Inbound	SD #605115		
Out	06/24/2020 08: Outbound	SD #605115		

Gross	96020 lb
Tare	36980 lb
Net	59040 lb
Tons	29.52

Comments FRED

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	29.52	Tons				ALB

Total Tax

Driver's Signature Fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59321

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator
In	06/24/2020 07: Inbound	SD #605115	
Out	06/24/2020 08: Outbound	SD #605115	

Inbound

Gross	94820 lb
Tare	38460 lb
Net	56360 lb
Tons	28.18

Comments JEFF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	28.18	Tons				ALB

Total Tax

Driver's Signature

Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59328

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/24/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/24/2020 08: Inbound	SD #605115		
Out	06/24/2020 08: Outbound	SD #605115		

Gross	83900 lb
Tare	40840 lb
Net	43060 lb
Tons	21.53

Comments WALTER

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 100		21.53	Tons				ALB

Total Tax

Driver`s Signature Walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59220

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 07:	Inbound	SD #605115	
Out	06/23/2020 08:	Outbound	SD #605115	

Gross	97520 lb
Tare	38100 lb
Net	59420 lb
Tons	29.71

Comments jeff

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	29.71	Tons				ALB

Total Tax

Driver's Signature
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59253

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 11: Inbound		SD #605115	
Out	06/23/2020 11: Outbound		SD #605115	

Gross	103640 lb
Tare	38020 lb
Net	65620 lb
Tons	32.81

Comments jeff

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	32.81	Tons				ALB

Total Tax

Driver`s Signature

Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59296

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 14: Inbound	SD #605115		
Out	06/23/2020 14: Outbound	SD #605115		

Gross	94540 lb
Tare	38060 lb
Net	56480 lb
Tons	28.24

Comments JEFF

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	28.24	Tons				ALB

Total Tax

Driver`s Signature

Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59248

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 11: Inbound	SD #605115		
Out	06/23/2020 11: Outbound	SD #605115		

Gross	101800 lb
Tare	36940 lb
Net	64860 lb
Tons	32.43

Comments dave

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	32.43	Tons				ALB

Total Tax

Driver`s Signature Dave
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59290

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 14: Inbound	SD #605115		
Out	06/23/2020 14: Outbound	SD #605115		

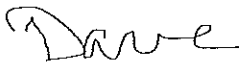
Gross	102740 lb
Tare	36820 lb
Net	65920 lb
Tons	32.96

Comments 109

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	32.96	Tons				ALB

Total Tax

Driver`s Signature



Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59216

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 07: Inbound	SD #605115		
Out	06/23/2020 08: Outbound	SD #605115		

Gross	97700 lb
Tare	37380 lb
Net	60320 lb
Tons	30.16

Comments dave

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	30.16	Tons				ALB

Total Tax

Driver's Signature Dave
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59237

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 10: Inbound	SD #605115		
Out	06/23/2020 10: Outbound	SD #605115		

Gross	101920 lb
Tare	36360 lb
Net	65560 lb
Tons	32.78

Comments fred

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	32.78	Tons				ALB

Total Tax

Driver`s Signature fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59281

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 13: Inbound	SD #605115		
Out	06/23/2020 14: Outbound	SD #605115		

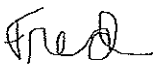
Gross	103300 lb
Tare	36380 lb
Net	66920 lb
Tons	33.46

Comments fred

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	33.46	Tons				ALB

Total Tax

Driver`s Signature
Total Ticket



WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59291

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator
In	06/23/2020 14: Inbound	SD #605115	
Out	06/23/2020 14: Outbound	SD #605115	

Inbound

Gross	91280 lb
Tare	34320 lb
Net	56960 lb
Tons	28.48

Comments WALTER

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	28.48	Tons				ALB

Total Tax

Driver's Signature Walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59254

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator
In	06/23/2020 11: Inbound	SD #605115	
Out	06/23/2020 11: Outbound	SD #605115	
		* Manual Weight	

Inbound

Gross	105220 lb*
Tare	34420 lb
Net	70800 lb
Tons	35.40

Comments walter power outage used weight from previos ticket

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	35.40	Tons				ALB

Total Tax

Driver's Signature Walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59217

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/23/2020 07: Inbound	SD #605115		
Out	06/23/2020 08: Outbound	SD #605115		

Gross	93020 lb
Tare	34560 lb
Net	58460 lb
Tons	29.23

Comments walter

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC- 100		29.23	Tons				ALB

Total Tax

Driver's Signature walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59206

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/23/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound		
In	06/23/2020 07: Inbound	SD #605115			Gross	105220 lb
Out	06/23/2020 07: Outbound	SD #605115			Tare	36620 lb
					Net	68600 lb
					Tons	34.30

Comments fred

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	34.30	Tons				ALB

Total Tax

Driver's Signature Fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59144

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator
In	06/22/2020 09: Inbound	SD #605115	
Out	06/22/2020 10: Outbound	SD #605115	

Inbound

Gross	102360 lb
Tare	36480 lb
Net	65880 lb
Tons	32.94

Comments fred

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	32.94	Tons				ALB

Total Tax

Driver's Signature Fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59176

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 82
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 12: Inbound	SD #605115		
Out	06/22/2020 13: Outbound	SW #NoLicense		

Gross	100900 lb
Tare	36280 lb
Net	64620 lb
Tons	32.31

Comments FRED

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	32.31	Tons				ALB

Total Tax

Driver`s Signature fred
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59162

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 11: Inbound	SD #605115		
Out	06/22/2020 12: Outbound	SD #605115		

Gross	100180 lb
Tare	36980 lb
Net	63200 lb
Tons	31.60

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	31.60	Tons				ALB

Total Tax

Driver`s Signature Dave
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59132

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 08:	Inbound	SD #605115	
Out	06/22/2020 09:	Outbound	SD #605115	

Gross	117280 lb
Tare	37480 lb
Net	79800 lb
Tons	39.90

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	39.90	Tons				ALB

Total Tax

Driver`s Signature
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59196

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 109
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound		
In	06/22/2020 15: Inbound	SD #605115			Gross	100080 lb
Out	06/22/2020 15: Outbound	SD #605115			Tare	37200 lb
					Net	62880 lb
					Tons	31.44

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	31.44	Tons				ALB

Total Tax

Driver's Signature Dave
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59128

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 112
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 08: Inbound		SD #605115	
Out	06/22/2020 08: Outbound		SD #605115	

Gross	115640 lb
Tare	34560 lb
Net	81080 lb
Tons	40.54

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	40.54	Tons				ALB

Total Tax

Driver's Signature
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59154

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 11: Inbound	SD #605115		
Out	06/22/2020 11: Outbound	SD #605115		

Gross	118120 lb
Tare	34240 lb
Net	83880 lb
Tons	41.94

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-	100	41.94	Tons				ALB

Total Tax

Driver's Signature Walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59185

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 113
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound		
In	06/22/2020 13:	Inbound	SD #605115		Gross	83980 lb
Out	06/22/2020 14:	Outbound	SD #605115		Tare	34260 lb
					Net	49720 lb
					Tons	24.86

Comments WALTER

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	24.86	Tons				ALB

Total Tax

Driver's Signature Walter
Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59129

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 08: Inbound	SD #605115		
Out	06/22/2020 08: Outbound	SD #605115		

Gross	125900 lb
Tare	38320 lb
Net	87580 lb
Tons	43.79

Comments jeff

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	43.79	Tons				ALB

Total Tax

Driver`s Signature

Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59156

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID

Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 11: Inbound	SD #605115		
Out	06/22/2020 11: Outbound	SD #605115		

Gross	110340 lb
Tare	38160 lb
Net	72180 lb
Tons	36.09

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	36.09	Tons				ALB

Total Tax

Driver`s Signature

Total Ticket

WASTE MANAGEMENT

Waste Management Green Ridge LF
424 Peters Rd
Gansevoort, NY, 12831
Ph: (518) 636-2141

Original
Ticket# 59187

Customer Name LUIZZICONSTRUCTION LUIZZI CON
Ticket Date 06/22/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
Profile 119055NY (PETROLEUM IMPACTED SOIL)
Generator 190-SOUTHISLAND SOUTH ISLAND

Carrier fane FANE
Vehicle# 73
Container
Driver
Check#
Billing # 0000142
Gen EPA ID
Grid D 28 LIFT 3

Volume

	Time	Scale	Operator	Inbound
In	06/22/2020 14: Inbound	SD #605115		
Out	06/22/2020 14: Outbound	SD #605115		

Gross	95920 lb
Tare	37860 lb
Net	58060 lb
Tons	29.03

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC-	100	29.03	Tons				ALB

Total Tax

Driver`s Signature
Total Ticket

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number: 119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W Fane Inc. 4A-633
U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Petroleum Contaminated Soil					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luke Pice
Signature:
Month: 6 Day: 22 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhole
Signature: Jeff Bonhole
Month: 6 Day: 22 Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name
Signature
Month: Day: Year:

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number: 119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Railroad Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Petroleum Contaminated Soil					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luizzi Bros Jon Stoklosa | Signature | Month: 6 | Day: 22 | Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bouhoke | Signature | Month: 6 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name | Signature

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number: 119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W Fane Inc. 4A-633 | U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Petroleum Contaminated Soil					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhote | Signature: Jeff Bonhote | Month: 6 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

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

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fake Inc. 44-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12205
Facility's Phone: ~~518-482-8954~~ 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: X Jake Ricu
Signature:
Month Day Year: 6 22 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen
Signature: Walter Hansen
Month Day Year: 6 22 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name:
Signature:
Month Day Year:

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of:
3. Emergency Response Phone:
4. Waste Tracking Number: 149055 N.Y.

GENERATOR

5. Generator's Name and Mailing Address:
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address):
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W Fane Inc. 4A-633
U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address:
Green Ridge Landfill
19 Peters Road
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM-Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

INT'L

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen | Signature: Walter Hansen | Month: 6 | Day: 12 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

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

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc 4A-633

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Petroleum Contaminated Soil					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: X Jake Rice
Signature:
Month: 6 Day: 22 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen
Signature:
Month: 6 Day: 22 Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

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

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

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

116,907

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number 119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W. Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Road
Gansevoort, NY 12813
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID BENDER | Signature: David Bender | Month: 06 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name: Jon Stahlesen | Signature | Month: 06 | Day: 22 | Year: 20

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fenne Inc. 4A-633

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Road
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INTL

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David Bender | Signature: David Bender | Month: 06 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

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

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc. 4A-633

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Road
Gansevoort, NY ~~123~~ 12813
Facility's Phone: 518-636-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID BENDER | Signature: David Bender | Month: 06 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 N.Y.

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction Services LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
A Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM CONTAMINATED Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRED SEYMOUR | Signature: Fred Seymour | Month: 6 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name: Victor Mayleuke | Signature | Month: 6 | Day: 22 | Year: 20

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055 N.Y.

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC.
49 Railroad Ave.
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W. Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM CONTAMINATED Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Fred Seymour | Signature: Fred Seymour | Month: 6 | Day: 22 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

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

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

Printed/Typed Name: Victor Manisteri Co | Signature | Month: 6 | Day: 22 | Year: 20

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Railroad Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc. 44-633

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Road
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS PETROLEUM CONTAMINATED SOIL					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luizzi Bros Victor Mandenko | Signature | Month: 6 | Day: 23 | Year: 20

INTL

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhote | Signature: Jeff Bonhote | Month: 6 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Road
Canajoharie, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhote | Signature: Jeff Bonhote | Month Day Year: 6 23 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

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

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

Printed/Typed Name | Signature | Month Day Year

DESIGNATED FACILITY TO GENERATOR

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave.
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W. Fane Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhote | Signature: Jeff Bonhote | Month: 6 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055 NY.

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W. Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Vic Rice
Signature
Month 6 Day 23 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen
Signature
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:
Month Day Year

17c. Signature of Alternate Facility (or Generator)

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

Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Finch Landfill
19 Peters Road
Gansevort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM CONTAMINATED Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luizzi Bo Jay Stankesen
Signature
Month 6 Day 23 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Fred Seymour
Signature
Month 6 Day 23 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year

17c. Signature of Alternate Facility (or Generator)

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY TO GENERATO

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number: 119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Railroad Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Canesvoort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luizzi Bro Victor Manibenko | Signature | Month: 6 | Day: 23 | Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRED SEYMOUR | Signature | Month: 6 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: | Month | Day | Year

17c. Signature of Alternate Facility (or Generator)

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

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

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number 4190.55 M Y

GENERATOR

5. Generator's Name and Mailing Address
Luzzi Construction LLC
19 Railroad Ave
Albany, NY 12205
Generator's Phone: 518-482-8254

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren Bros Paving Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Coeymans Ridge Landfill
19 Peters Rd
Coeymans, NY 12031
Facility's Phone: 518-756-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luzzi Construction Victor Montesano
Signature
Month: 6 Day: 23 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Fred Stevenson
Signature
Month: 6 Day: 23 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

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

17b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year

17c. Signature of Alternate Facility (or Generator)

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

DESIGNATED FACILITY'S COPY

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number: 119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luzzi Construction LLC
41 Rockwood Ave
Albany, NY 12205
Generator's Phone: 518-482-8994

Generator's Site Address (if different than mailing address)
Barrack Island
Glen Island, NY 12183

6. Transporter 1 Company Name
Warren De Lage Inc 4A-638

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Ocean Ridge Landfill
19 Rivers Rd
Oceanport, NY 12831
Facility's Phone: 518-636-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luzzi Trio Water Manifesto | Signature | Month: 6 | Day: 23 | Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Fred Seymour | Signature | Month: 6 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

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

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

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

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

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TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-7141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David Bender | Signature: David Bender | Month: 10 | Day: 28 | Year: 20

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

DESIGNATED FACILITY

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

17b. Alternate Facility (or Generator)
Facility's Phone: | Month | Day | Year

17c. Signature of Alternate Facility (or Generator)

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

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rapp Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren Waste Inc 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Canesville, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David Duprey | Signature | Month: 4 | Day: 6 | Year

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave.
Albany, NY 12205
Generator's Phone:

Generator's Site Address (if different than mailing address)
STARBUCK ISLAND
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc. 44-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID BENDER | Signature: David Bender | Month: 06 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone: | Month | Day | Year

17c. Signature of Alternate Facility (or Generator)

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

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

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave.
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W. Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID BENDER | Signature: David Bender | Month: 06 | Day: 23 | Year: 20

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

DESIGNATED FACILITY

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

Manifest Reference Number:
U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator): for Starkeson Luizzi | Month: 6 | Day: 23 | Year: 20

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

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

DESIGNATED FACILITY TO GENERATO

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W. Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonkoske | Signature: Jeff Bonkoske | Month: 6 | Day: 24 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

17c. Signature of Alternate Facility (or Generator): Jon Strahlsen | Month: 6 | Day: 24 | Year: 20

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W Fane Inc. 4A-633 — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
Gansevoort, NY 12831
Facility's Phone: 518-635-2421 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeff Bonhote | Signature: Jeff Bonhote | Month: 6 | Day: 24 | Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

17c. Signature of Alternate Facility (or Generator)
Jon Stahlesun | Month: 6 | Day: 24 | Year: 20

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W Fane Inc. 4A-633 — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12813
Facility's Phone: 518-636-2141
U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

INTL

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

Generator's/Offeror's Printed/Typed Name: Jon Stahlesen / Luizzi Bros — Signature: Jon — Month: 6 Day: 24 Year: 20

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen — Signature: Walter Hansen — Month: 6 Day: 24 Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119055 NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name: Warren W. Fane Inc. 44-633 — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12831
Facility's Phone: 518-636-2141

U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Luizzi Bros Victor Manifesto — Signature — Month: 6 Day: 24 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Walter Hansen — Signature — Month: 6 Day: 24 Year: 20

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number: 119055NY

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany, NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183
U.S. EPA ID Number

6. Transporter 1 Company Name
Warren W Fane Inc. 4A-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12831
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS Petroleum Contaminated soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Jake Rice
Signature:
Month: 6 Day: 24 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: FRED SEYMOUR
Signature: Fred Seymour
Month: 6 Day: 24 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name
Signature
Month Day Year

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			119065

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
Starbuck Island
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fane Inc. 4k-633
U.S. EPA ID Number

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

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd.
Gansevoort, NY 12813
Facility's Phone: 518-636-2141
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON HAZARDOUS Petroleum Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Mike Rice
Signature:
Month: 6 Day: 24 Year: 20

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Fred Seymour
Signature:
Month: 6 Day: 24 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

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

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

Printed/Typed Name
Signature
Month Day Year

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
Luizzi Construction LLC
49 Rail Road Ave
Albany NY 12205
Generator's Phone: 518-482-8954

Generator's Site Address (if different than mailing address)
STARBUCK ISLAND
Green Island, NY 12183

6. Transporter 1 Company Name
Warren W Fare Inc 4h-633

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Green Ridge Landfill
19 Peters Rd
~~Albany~~ NY Ganseveort NY 12813
Facility's Phone: 518-695-2141

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS PETROLEUM Contaminated Soil					
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DAVID BENDER | Signature: David Bender | Month | Day | Year

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

17c. Signature of Alternate Facility (or Generator): Tom Stanislesen | Month: 6 | Day: 24 | Year: 20

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

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

APPENDIX C

SWPPP Inspections

(separate electronic submittal)

APPENDIX D

CAMP Monitoring Results

(Separate Electronic Submittal)

APPENDIX E

CAMP Monitoring Field Sheets

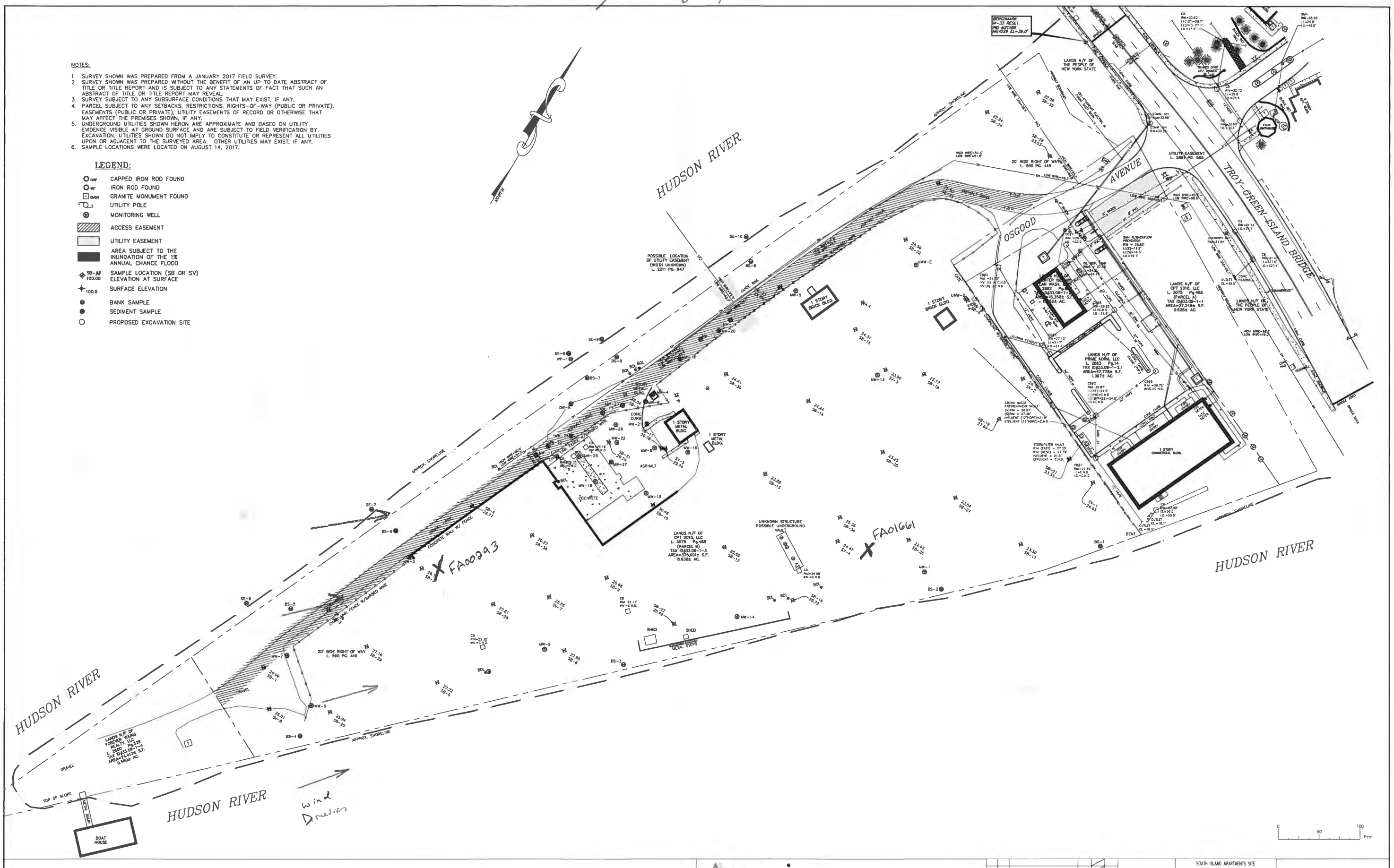
Post Monitoring 1/8/2019

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
5. UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

LEGEND:

- CRF — CAPPED IRON ROD FOUND
- IRF — IRON ROD FOUND
- GMON — GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SB-## 100.00 — SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- 100.0 — SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE



envirospec ENGINEERING, PLLC
349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P:518.453.2203
F:518.453.2204

ENVIROSPEC PROJECT #E17-1600

W.O. No.	REVISION	DATE	APR.

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK.

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5

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Dust Monitoring
1/16/2019

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
5. UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017

LEGEND:

- CAPPED IRON ROD FOUND
- IRON ROD FOUND
- GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SB-## 100.00 SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- 100.0 SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE

HUDSON RIVER

APPROX. SHORELINE

BENCHMARK
NAIL SET
PID: MZ1269
N51529 E1=30.0'

LANDS N/F OF THE PEOPLE OF NEW YORK STATE

OSGOOD AVENUE

TROY-GREEN ISLAND BRIDGE

20' WIDE RIGHT OF WAY L. 590 PG. 416

UTILITY EASEMENT L. 2881 PG. 565

POSSIBLE LOCATION OF UTILITY EASEMENT (WIDTH UNKNOWN) L. 2211 PG. 947

1 STORY BRICK BLDG.

1 STORY METAL BLDG.

CONCRETE

ASPHALT

CONC. CURB

LANDS N/F OF PRIME KORNL, LLC L. 2883 Pg.14 TAX ID#33.09-1-2.1 AREA=47,778± S.F. 1.097± AC.

LANDS N/F OF CPT 2010, LLC L. 3075 Pg.468 (PARCEL A) TAX ID#33.09-1-1 AREA=27,245± S.F. 0.625± AC.

1 STORY COMMERCIAL BLDG.

LANDS N/F OF CPT 2010, LLC L. 3075 Pg.488 (PARCEL B) TAX ID#33.09-1-3 AREA=375,901± S.F. 8.6308 AC.

UNKNOWN STRUCTURE POSSIBLE UNDERGROUND VAULT

SHED

CONCRETE WALL W/ FENCE

WIRE FENCE W/BARBED WIRE

GRAVEL

LANDS N/F OF FOREVER YOUNG REALTY, LLC L. 2600 Pg.339 TAX ID#33.09-1-4 AREA=4,414± S.F. 0.1013± AC.

TOP OF SLOPE

METAL RAMP

BOAT HOUSE

Wind

FA001843

FA01661

0 50 100 Feet

ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING, PLLC
349 NORTHERN BLVD SUITE 3
ALBANY, NY 12204-1032
P 518.453.2203
F 518.453.2204

W.O. No.	REVISION	DATE	APR.

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

DRAWN: -
DESIGN: MDH

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING NO.: S-5 | SHEET | REV. NO.

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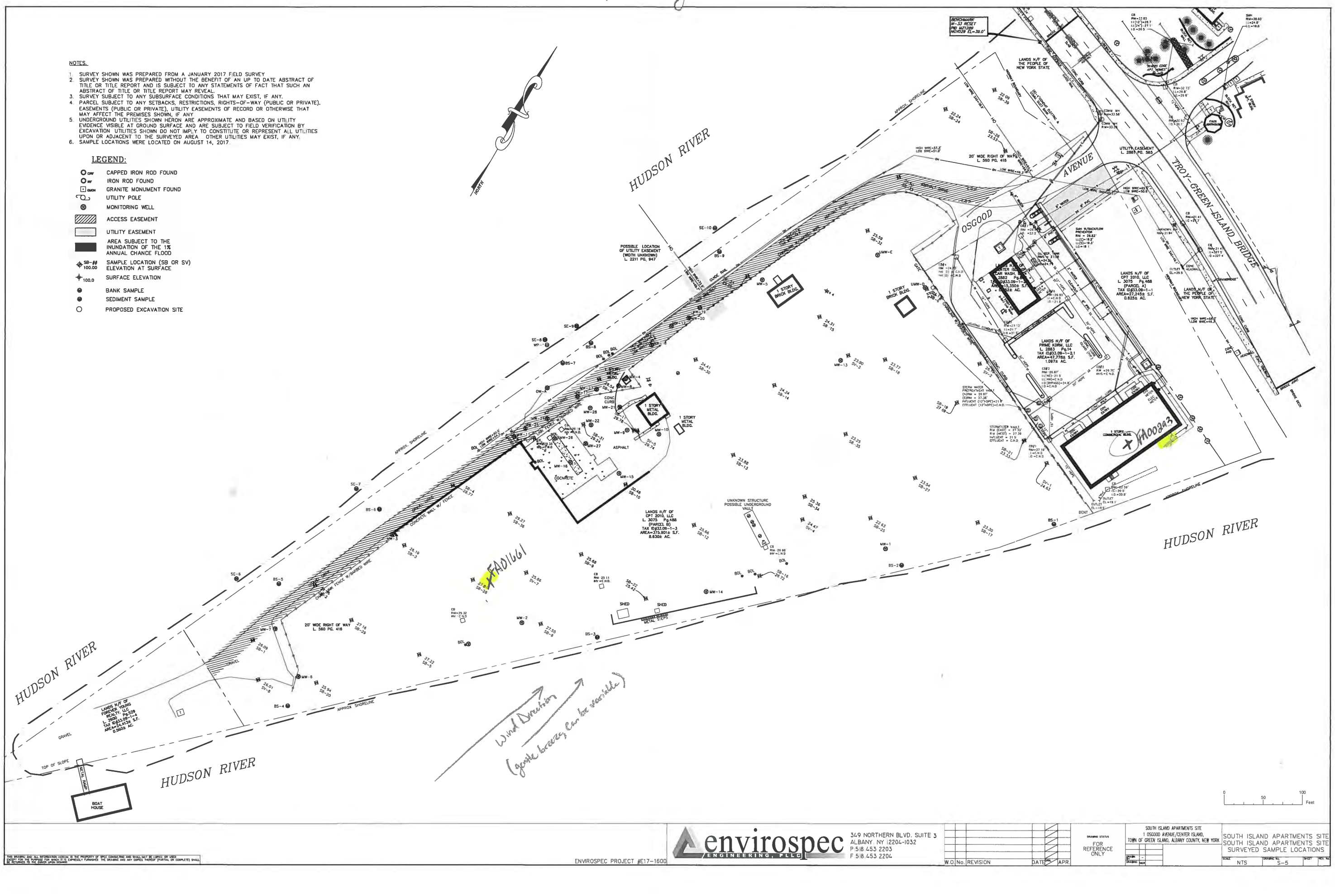
Dust Monitoring 3/13/2019

NOTES.

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
5. UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

LEGEND:

- CAPPED IRON ROD FOUND
- IRON ROD FOUND
- GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE



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ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING, PLLC
349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P 518.453.2203
F 518.453.2204

W.O. No.	REVISION	DATE	APR.

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

Dust Monitoring 3/14/2019

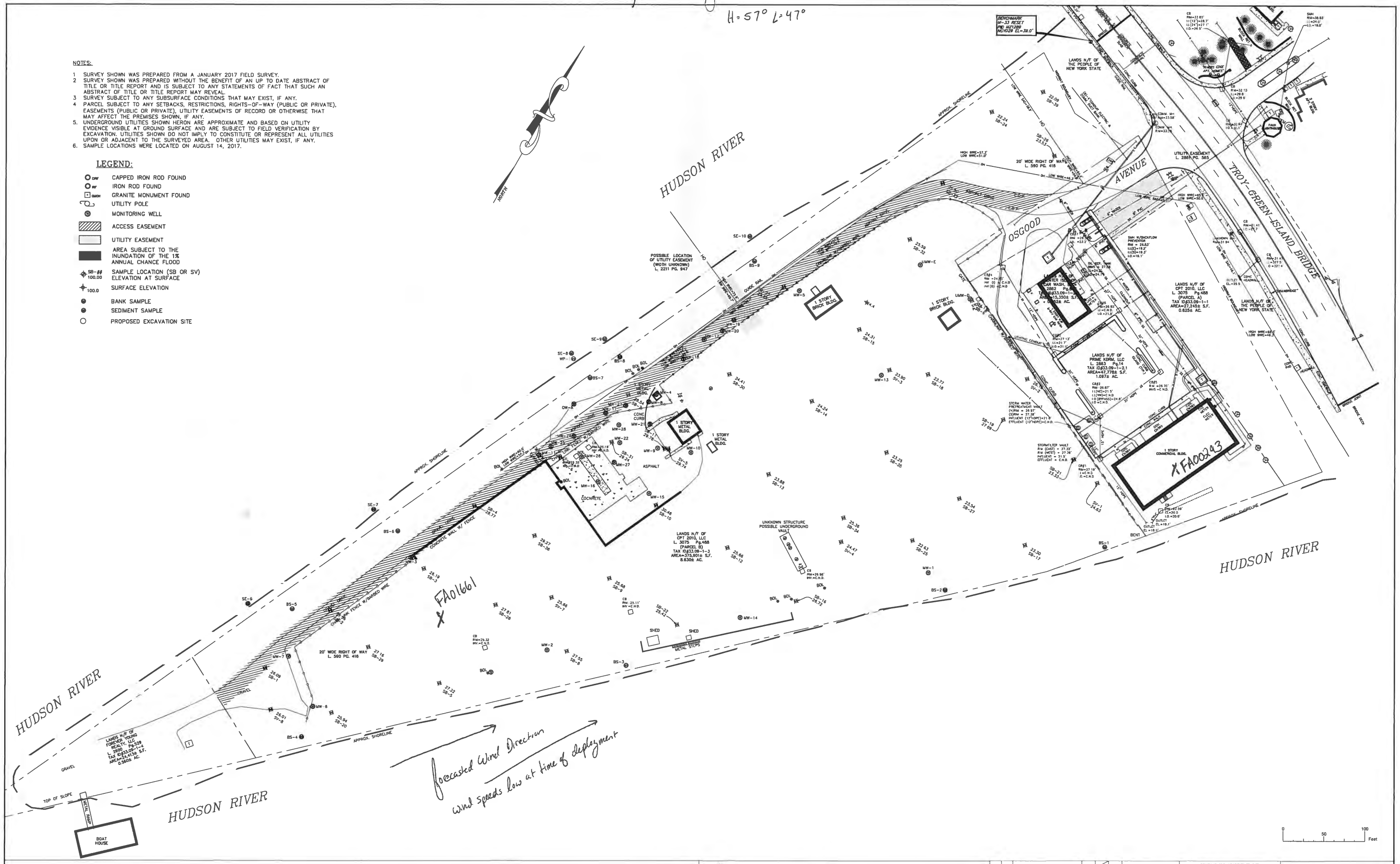
H=57° L=47°

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
5. UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

LEGEND:

- CPF — CAPPED IRON ROD FOUND
- IRF — IRON ROD FOUND
- GMON — GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SB-## 100.00 — SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- 100.0 — SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE



ENVIROSPEC PROJECT #E17-1600

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349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P 518.453.2203
F 518.453.2204

W.O. No.	REVISION	DATE	APR.

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

DRAWN: EJ
CHECKED: MDH

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

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Dust Monitoring 3/18/2019

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY.
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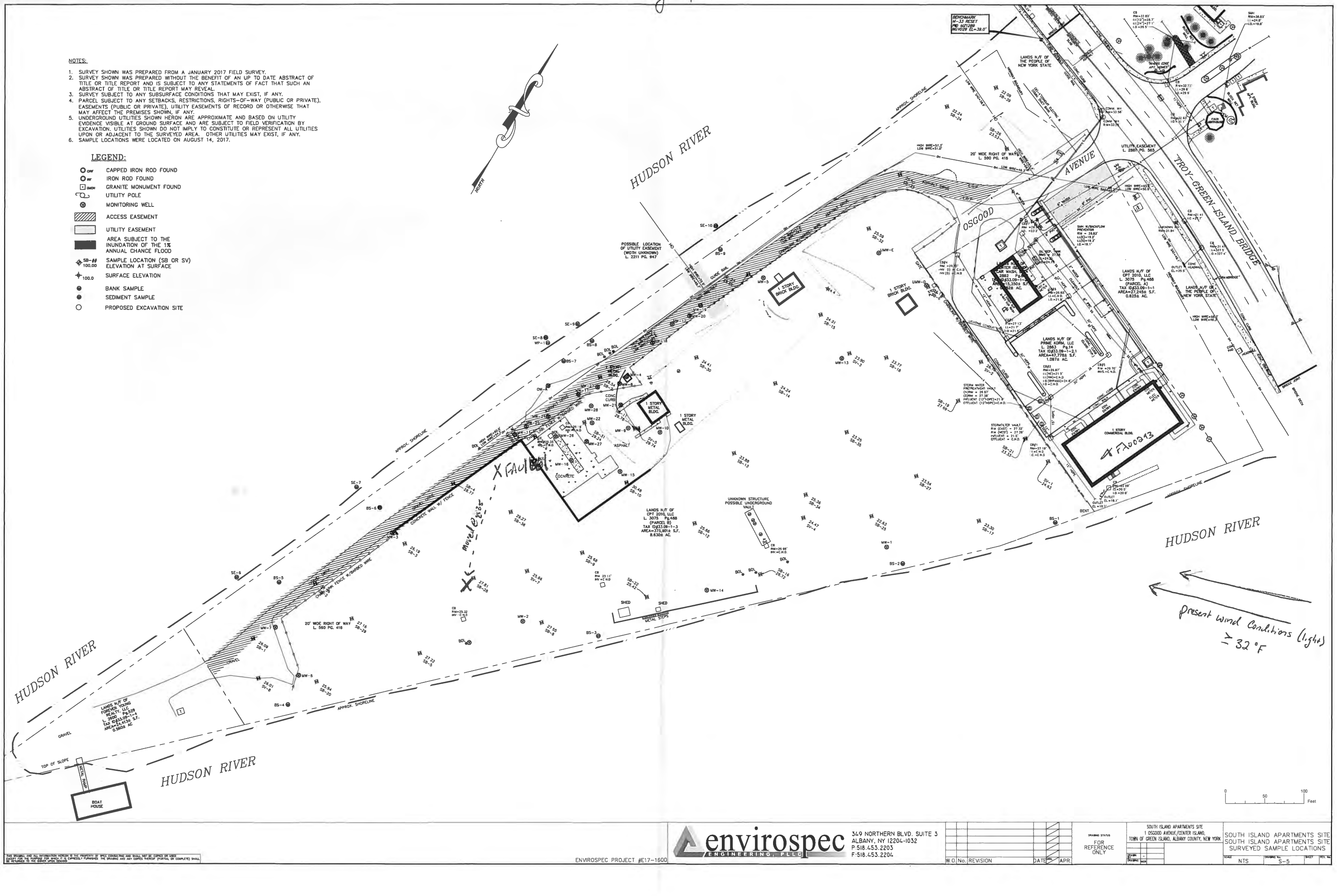
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

LEGEND:

- CAPPED IRON ROD FOUND
- IRON ROD FOUND
- GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SB-## 100.00 SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- 100.0 SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE



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TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

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Dust Monitoring 3/19/2019

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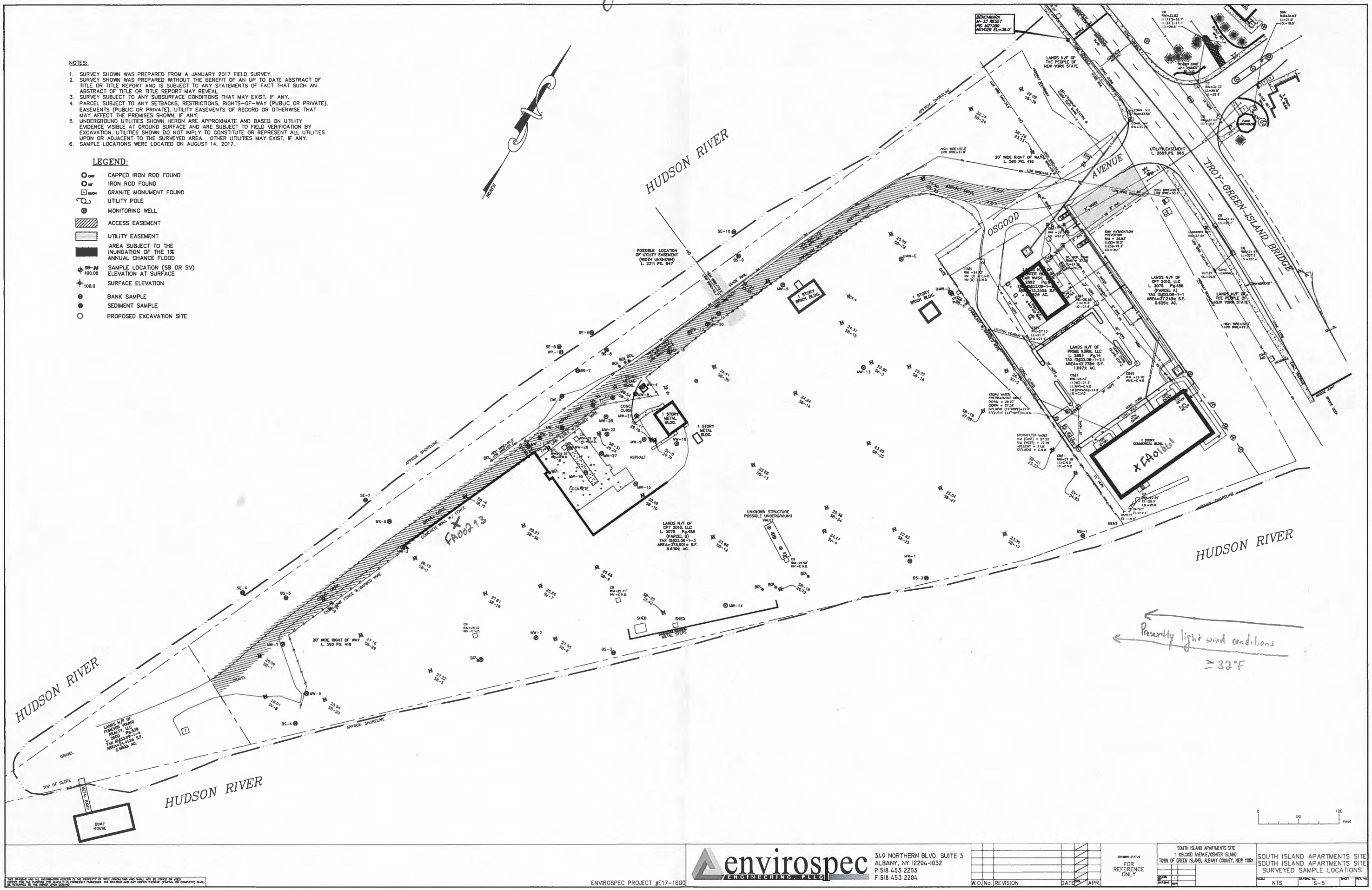

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SOUTH ISLAND APARTMENTS SITE
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SURVEYED SAMPLE LOCATIONS

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Dust Monitoring 3/20/2019

Presently little to no wind, 32°F
Redi-Rock block cutting work will occur throughout the day near FA01661
Winds forecasted SSW at 10-15mph

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- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE

HUDSON RIVER

APPROX. SHORELINE

OSGOOD AVENUE

TROY-GREEN ISLAND BRIDGE

BENCHMARK M-33 RESET PID NO1269 NAVD29 EL=32.0'

POSSIBLE LOCATION OF UTILITY EASEMENT (WIDTH UNKNOWN) L. 2211 PG. 947

20' WIDE RIGHT OF WAY L. 590 PG. 416

UTILITY EASEMENT L. 2881 PG. 565

LANDS N/F OF THE PEOPLE OF NEW YORK STATE

LANDS N/F OF CPT 2015, LLC L. 3075 Pg.488 TAX ID#33.09-1-1 AREA=77,245± S.F. 0.825± AC.

LANDS N/F OF PRIME KORM, LLC L. 2863 Pg.16 TAX ID#33.09-1-2.1 AREA=47,778± S.F. 1.097± AC.

LANDS N/F OF CPT 2015, LLC L. 3075 Pg.488 (PARCEL B) TAX ID#33.09-1-3 AREA=375,301± S.F. 8.630± AC.

UNKNOWN STRUCTURE POSSIBLE UNDERGROUND VAULT

1 STORY BRICK BLDG.

1 STORY METAL BLDG.

1 STORY COMMERCIAL BLDG.

CONCRETE

ASPHALT

GRAVEL

CONCRETE WALL W/ FENCE

CHAIN LINK FENCE W/BARBED WIRE

STORM WATER PRETREATMENT VAULT

STORMFILTER VAULT

SHED

METAL STEPS

BOAT RAMP

BOAT HOUSE

TOP OF SLOPE

BENT

LANDS N/F OF FOREVER YOUNG REALTY, LLC L. 2900 Pg.334 TAX ID#33.09-1-4.2 AREA=24,413± S.F. 0.560± AC.

20' WIDE RIGHT OF WAY L. 590 PG. 416

FA003293

FA01661

0 50 100 Feet

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SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

Dust Monitoring 3/21/2018

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- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
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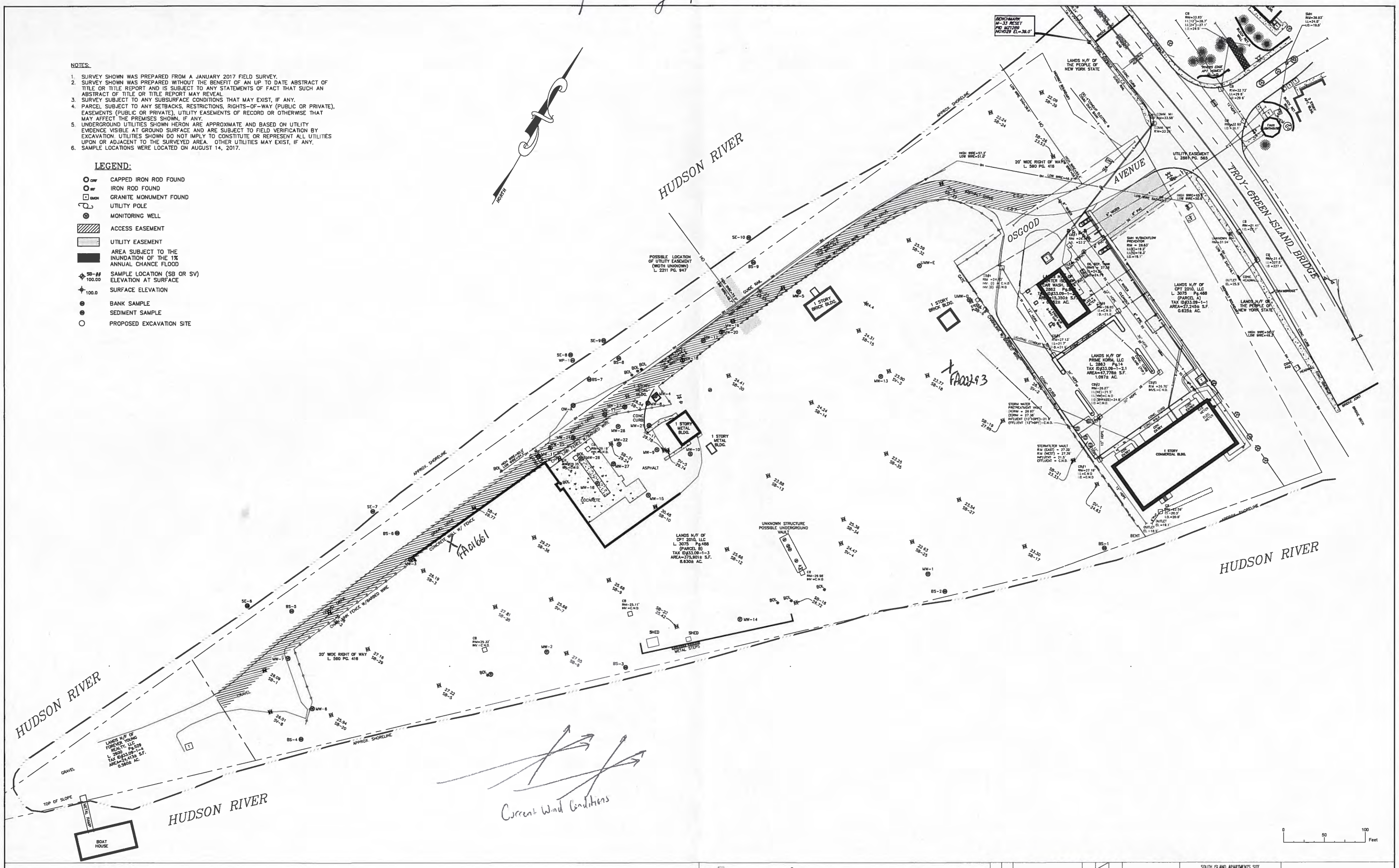
- SURFACE ELEVATION (100.0)
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE



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1 OSGOOD AVENUE/CENTER ISLAND,
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SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

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Dust Monitoring 3/25/2019

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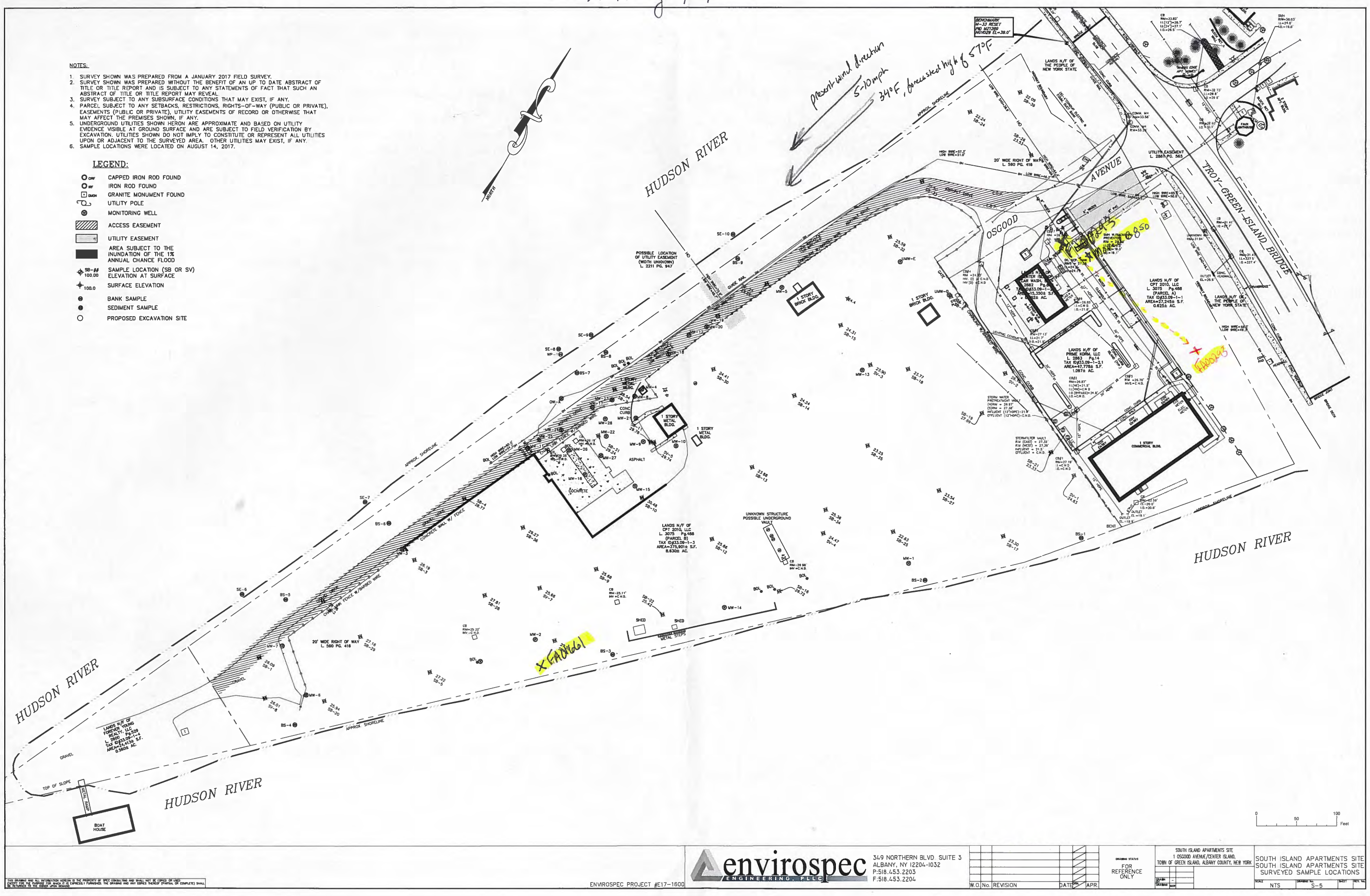

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F:518.453.2204

W.O. No.	REVISION	DATE	APR

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

DRAWN: -
CHK'D: -
DRAWING NO.: S-5
SCALE: NTS
SHEET:
REV. NO.:

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

Dust Monitoring 3/26/2019

Monitoring began at 10°° when temperatures were ≥32°F. Moderate wind speed.

Present wind direction

NOTES:

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6 SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

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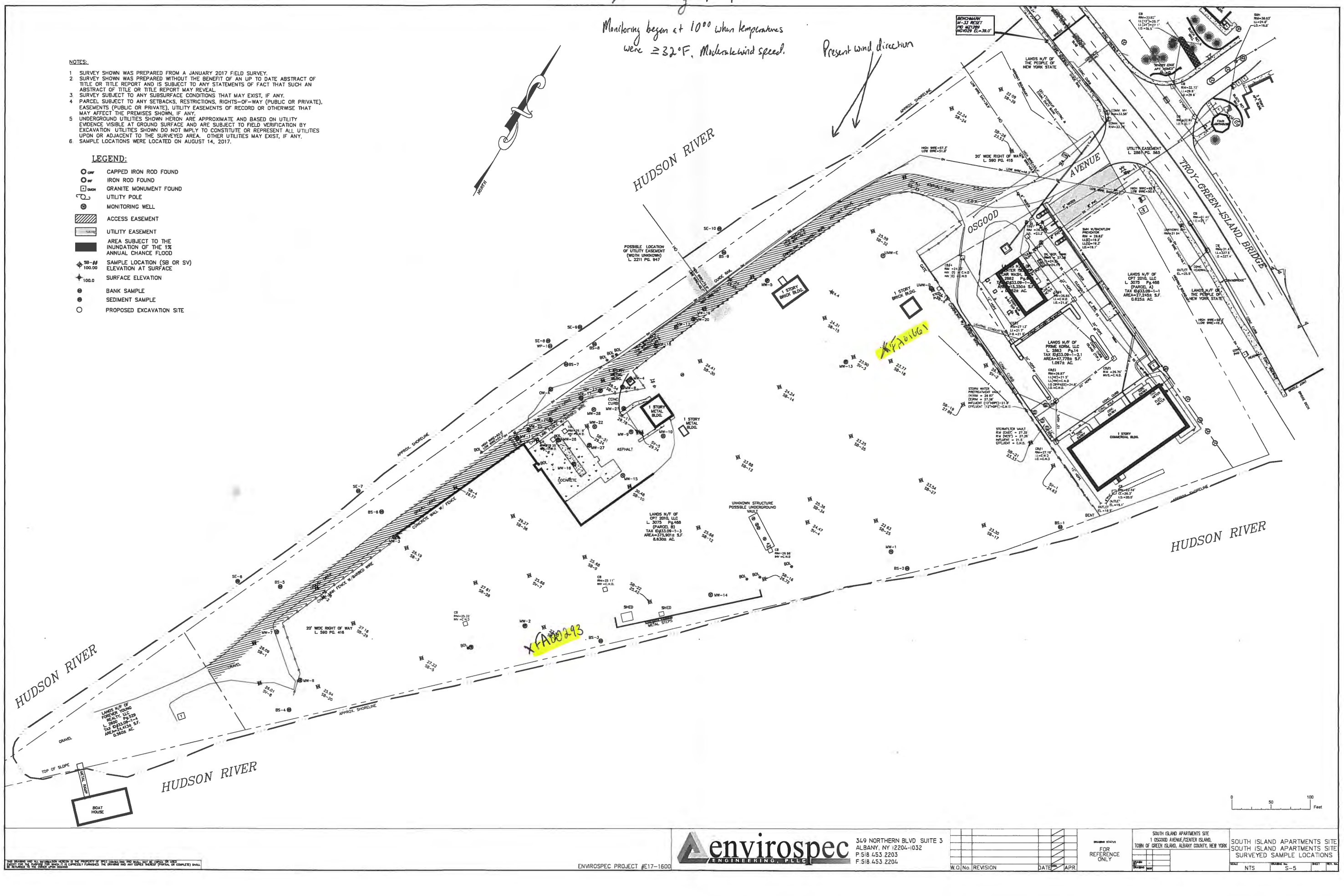

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W.O. No.	REVISION	DATE	APR.

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1 OSGOOD AVENUE/CENTER ISLAND,
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SOUTH ISLAND APARTMENTS SITE
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SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

Dust Monitoring 3/27/2019

Monitoring began around 900 when temperatures were ≥32°F
Wind was light with no definitive direction.

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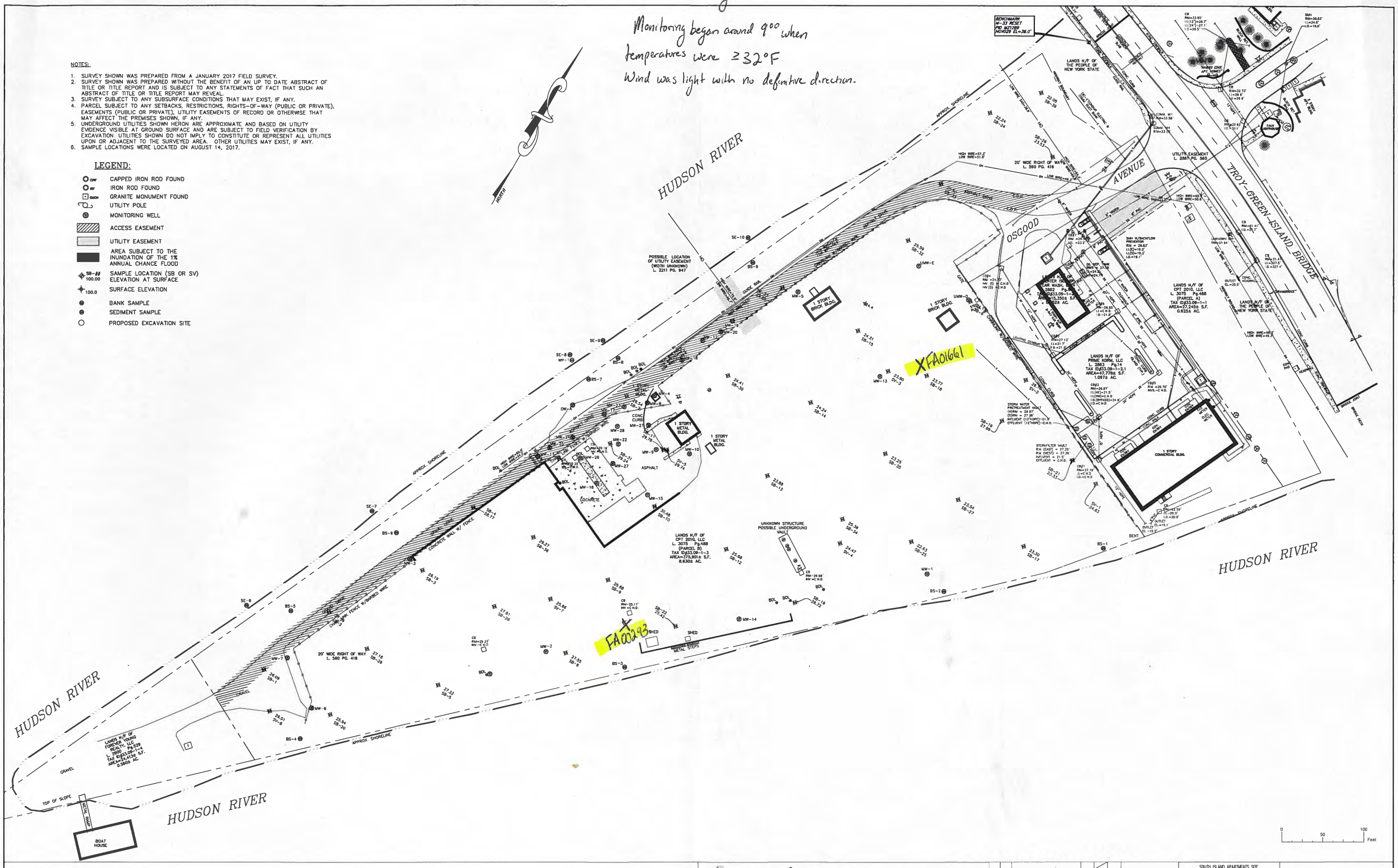

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Dust Monitoring 3/28/2019

Monitoring began around 8:15
Wind was moderate from the SSE

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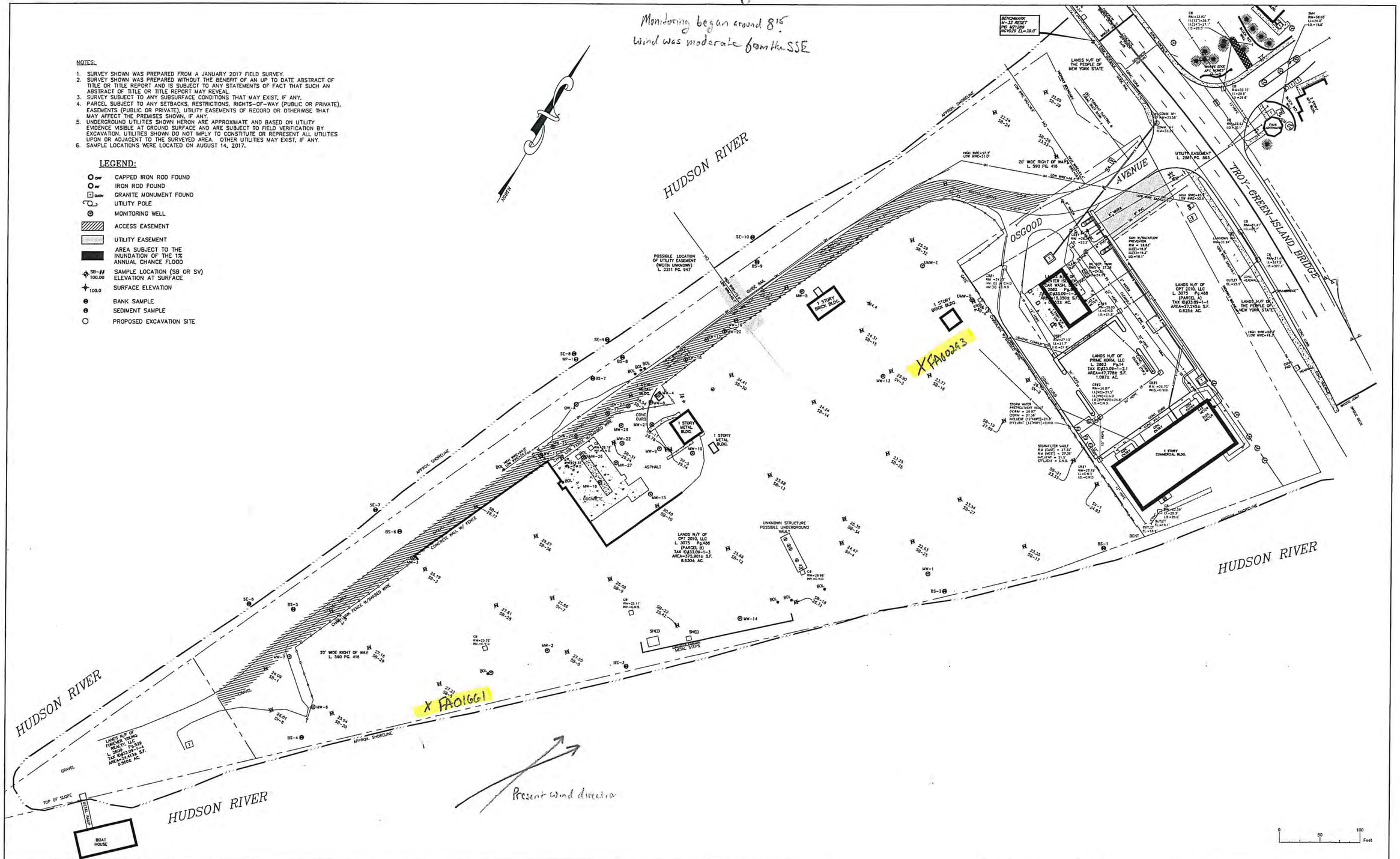

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SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/CENTER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

DRAWN | DESIGNED | CHECKED

SOUTH ISLAND APARTMENTS SITE
SOUTH ISLAND APARTMENTS SITE
SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | REV. | REV. No.

Dust Monitoring 4/1/2019

Monitoring began around 8:00
Moderate Wind from the West, Shifting South periodically, 33°F

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A JANUARY 2017 FIELD SURVEY.
2. SURVEY SHOWN WAS PREPARED WITHOUT THE BENEFIT OF AN UP TO DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS SUBJECT TO ANY STATEMENTS OF FACT THAT SUCH AN ABSTRACT OF TITLE OR TITLE REPORT MAY REVEAL.
3. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
4. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
5. UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
6. SAMPLE LOCATIONS WERE LOCATED ON AUGUST 14, 2017.

LEGEND:

- CAPPED IRON ROD FOUND
- IRON ROD FOUND
- GRANITE MONUMENT FOUND
- UTILITY POLE
- MONITORING WELL
- ACCESS EASEMENT
- UTILITY EASEMENT
- AREA SUBJECT TO THE INUNDATION OF THE 1% ANNUAL CHANCE FLOOD
- SB-## 100.00 SAMPLE LOCATION (SB OR SV) ELEVATION AT SURFACE
- 100.0 SURFACE ELEVATION
- BANK SAMPLE
- SEDIMENT SAMPLE
- PROPOSED EXCAVATION SITE

F4010G

F4008G2

HUDSON RIVER

APPROX. SHORELINE

OSGOOD AVENUE

TROY-GREEN ISLAND BRIDGE

0 50 100 Feet

ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING, PLLC

349 NORTHERN BLVD SUITE 3
ALBANY, NY 12204-1032
P:518.453.2203
F:518.453.2204

W.O.	No.	REVISION	DATE	APR.

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
1 OSGOOD AVENUE/DENVER ISLAND,
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

SOUTH ISLAND APARTMENTS SITE
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SURVEYED SAMPLE LOCATIONS

SCALE: NTS | DRAWING No.: S-5 | SHEET | REV. No.

THIS DRAWING AND ALL INFORMATION HEREON IS THE PROPERTY OF ENVIROSPEC CONSULTING AND SHALL NOT BE COPIED OR USED EXCEPT FOR WHAT IS EXPRESSLY PURCHASED FOR, AND IS EXPRESSLY FURNISHED. THE DRAWING AND ANY COPIES THEREOF (PARTIAL OR COMPLETE) SHALL BE RETURNED TO THE OWNER UPON DEMAND.

Dust Monitoring 4/2/2019
Monitoring began at about 8:00
Light wind from the SSW, 34°F

PROJECT DATA

1. APPLICANT:
LUZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,685 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED:
276 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER :
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

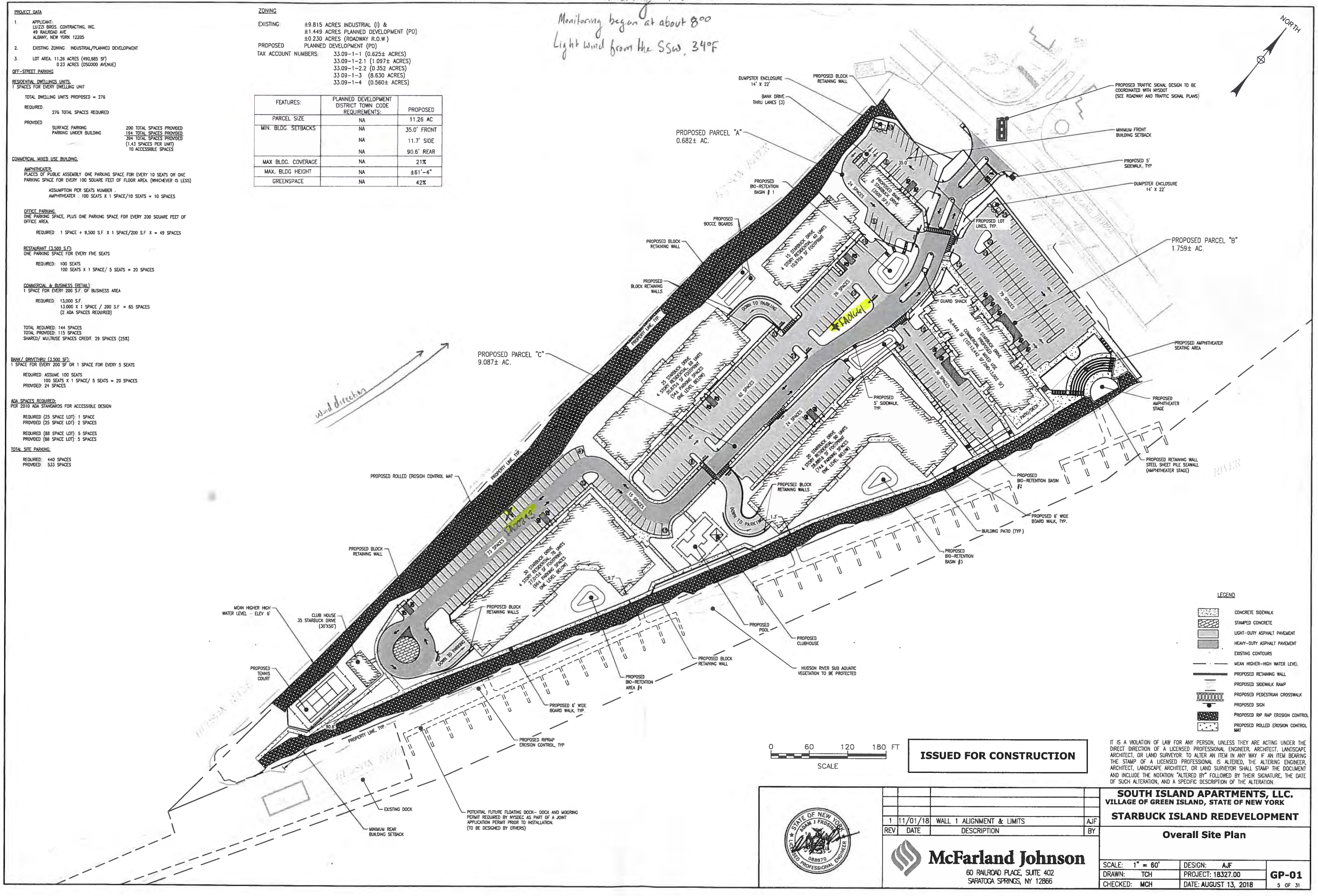
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROEHLICH — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF		
DRAWN: TCH	PROJECT: 18327.00	GP-01	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31	

Dust Monitoring 4/3

Monitoring began at about 8:00

Light wind from the SSW, 44°F

PROJECT DATA

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LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

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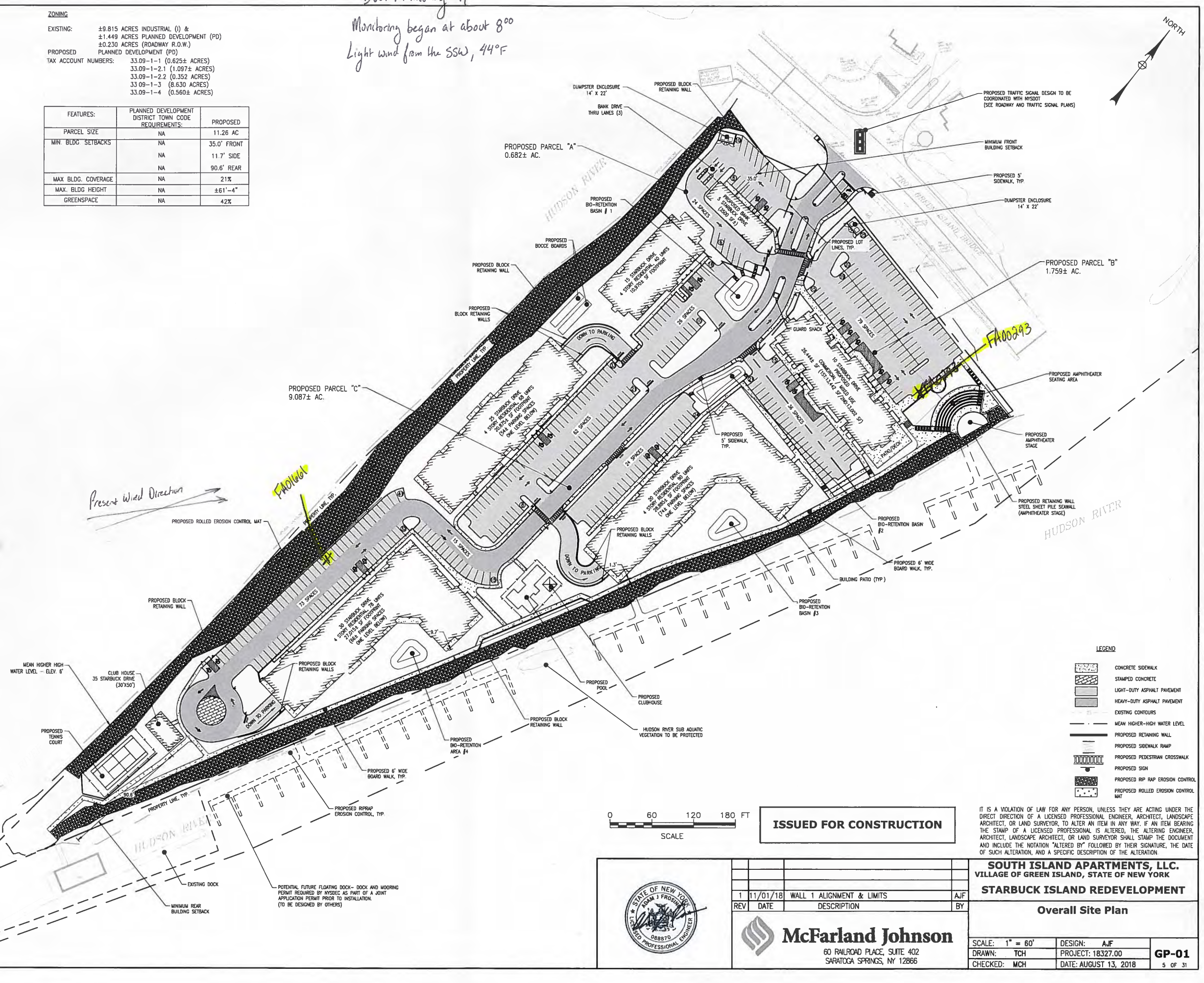

0 60 120 180 FT
SCALE

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STATE OF NEW YORK * ADAM J. FROEHLICH * 088870 * LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE:	1" = 60'	DESIGN:	AJF
DRAWN:	TCH	PROJECT:	18327.00
CHECKED:	MCH	DATE:	AUGUST 13, 2018

GP-01
5 OF 31

Dust Monitoring 4/4/2019
Monitoring Began at about 8:00
Gusting Winds from the WSW, 39°F

PROJECT DATA

1. APPLICANT:
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49 RAILROAD AVE
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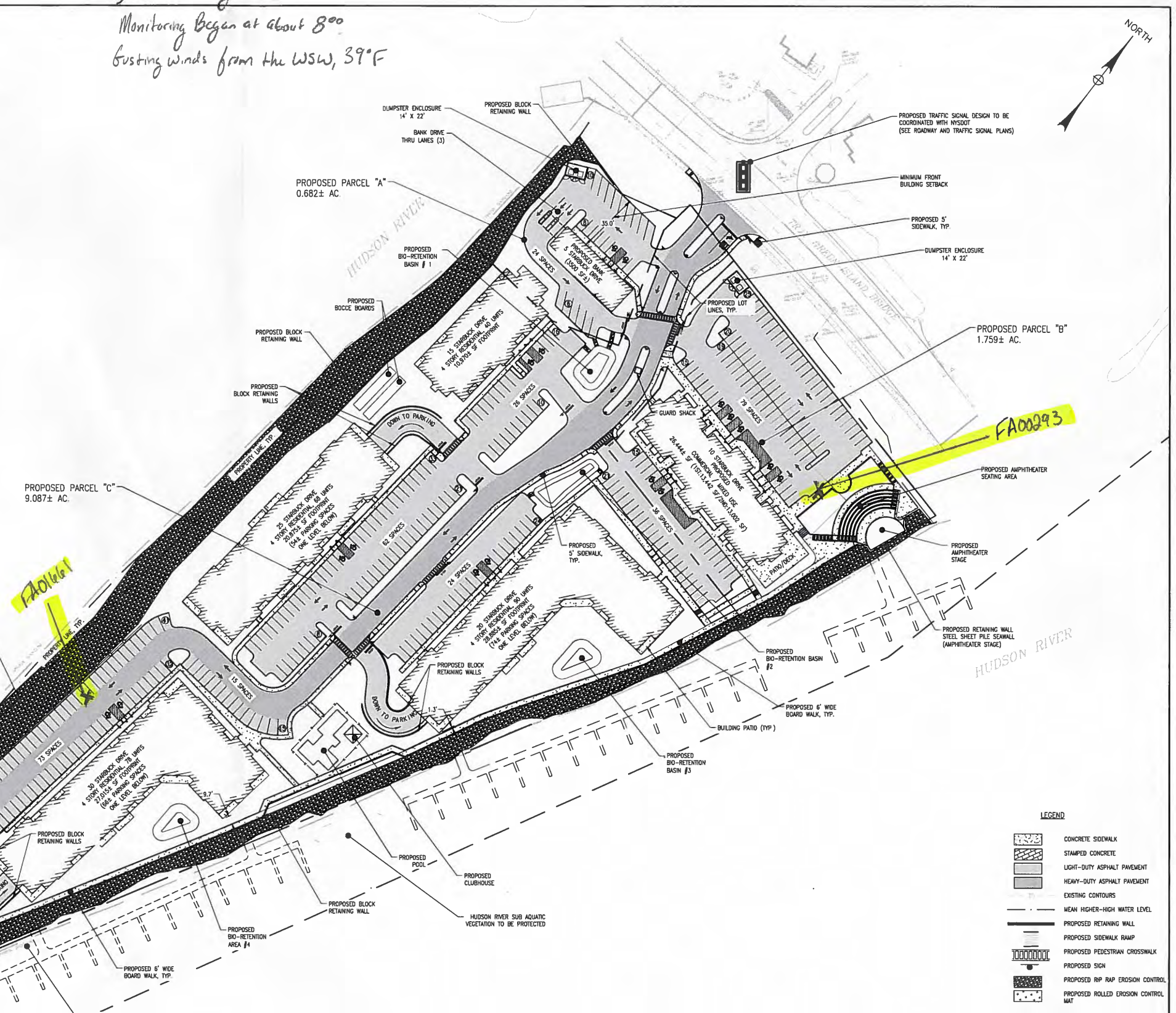
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%

Present wind direction, but somewhat variable



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
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0 60 120 180 FT
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STATE OF NEW YORK · ADAM J FROEHLICH · 088870 · LICENSED PROFESSIONAL ENGINEER

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McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF
DRAWN: TCH	PROJECT: 18327.00
CHECKED: MCH	DATE: AUGUST 13, 2018

GP-01
5 OF 31

Dust Monitoring 4/5/2019

Monitoring began at about 8:00. 34°F

Little to no wind present, forecasted 10-15 mph from the S.

PROJECT DATA

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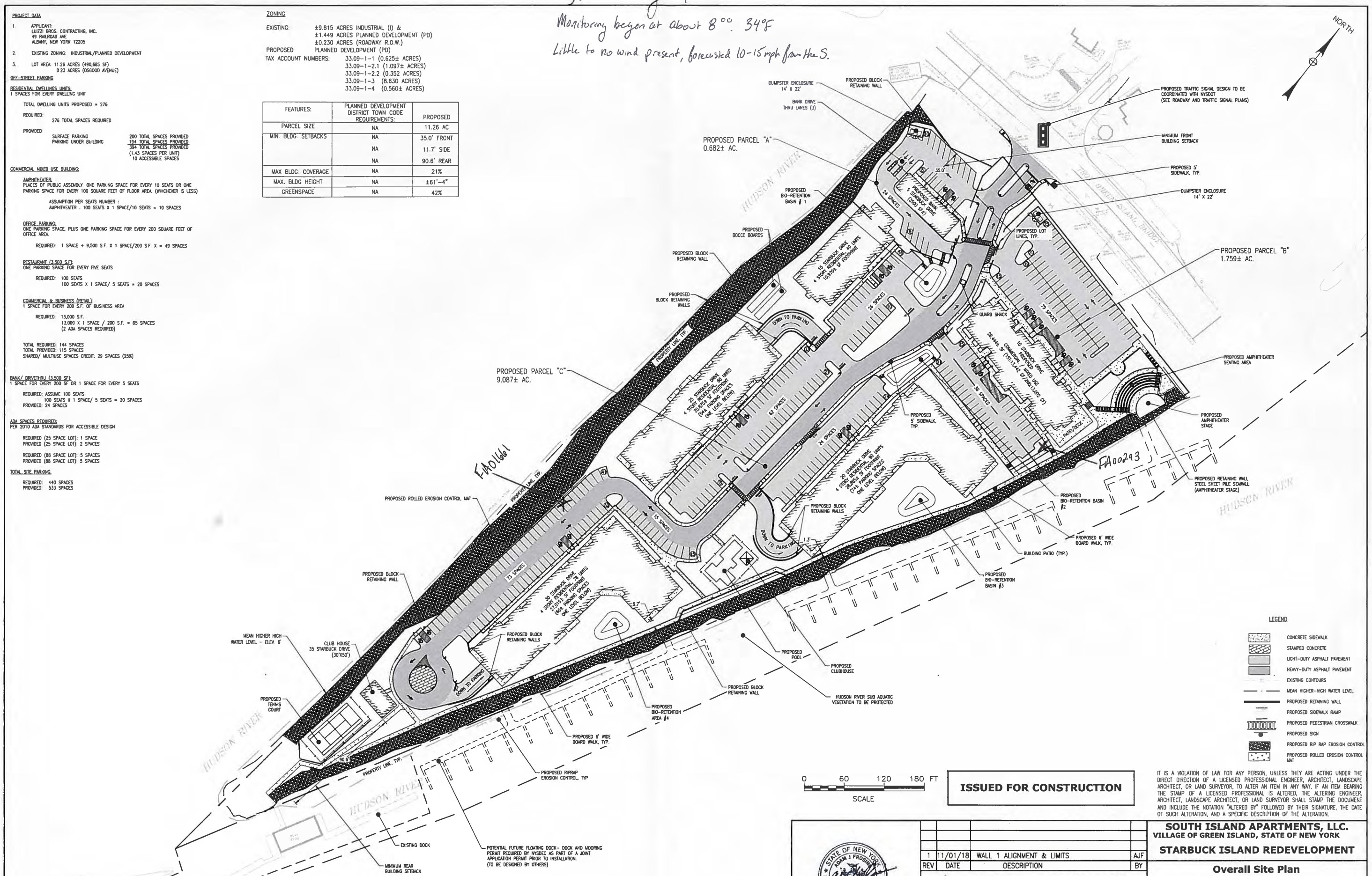

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STATE OF NEW YORK ADAM J FROSCH LICENSED PROFESSIONAL ENGINEER 088870

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DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

4/12/19

Winds from SW ~2 mph morning
S ~15 mph afternoon

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49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,685 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED: 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (68 SPACE LOT): 5 SPACES
PROVIDED (68 SPACE LOT): 5 SPACES

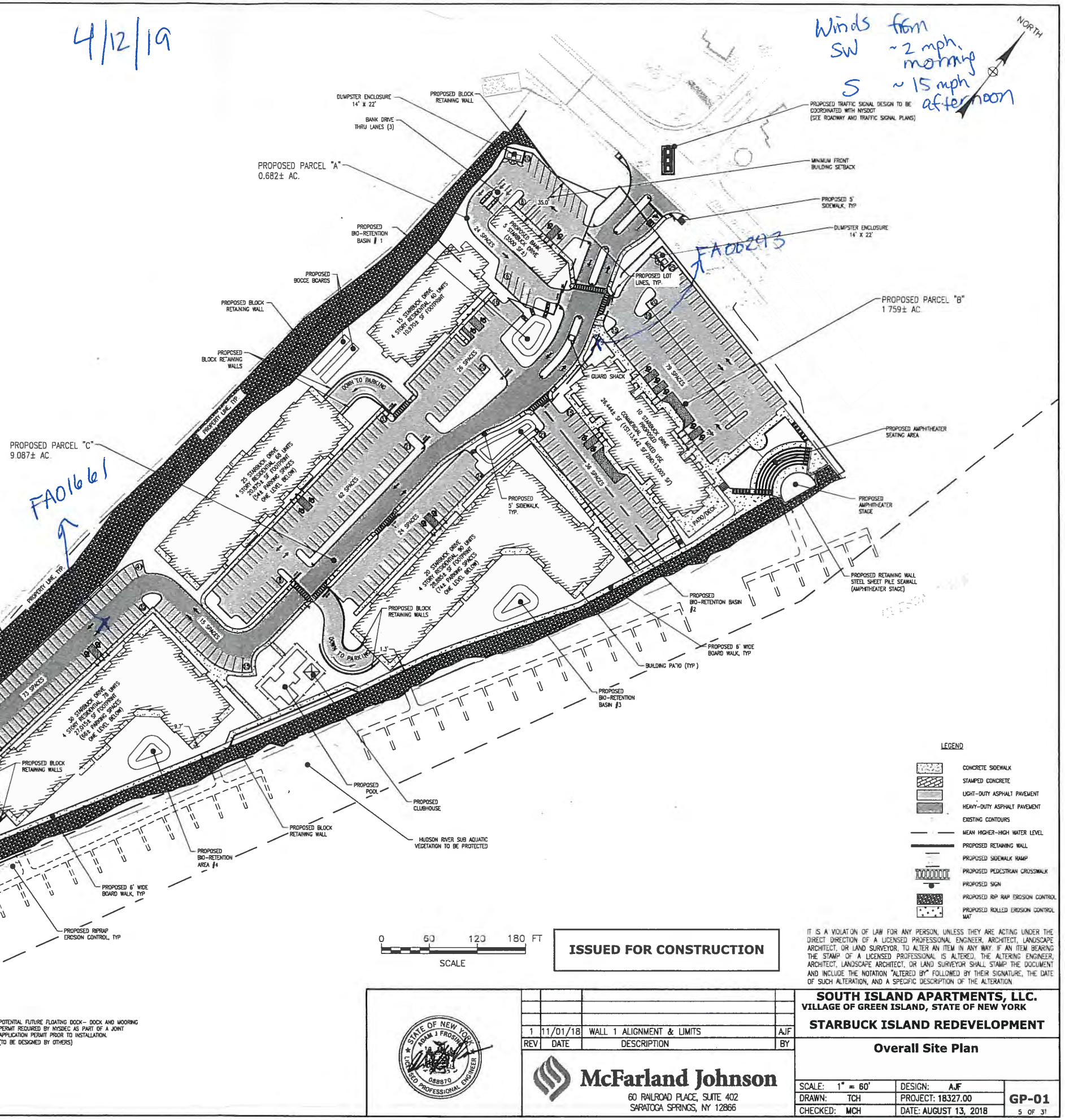
TOTAL SITE PARKING.

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK ADAM J. FROSINO 088870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 4/19/2019

Monitoring began at about 0800.
Winds moderate from the SSE. 60°F

= Primary areas of soil moving activities

PROJECT DATA

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PROVIDED (88 SPACE LOT): 5 SPACES

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REQUIRED 440 SPACES
PROVIDED: 533 SPACES

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	NA	11.7' SIDE
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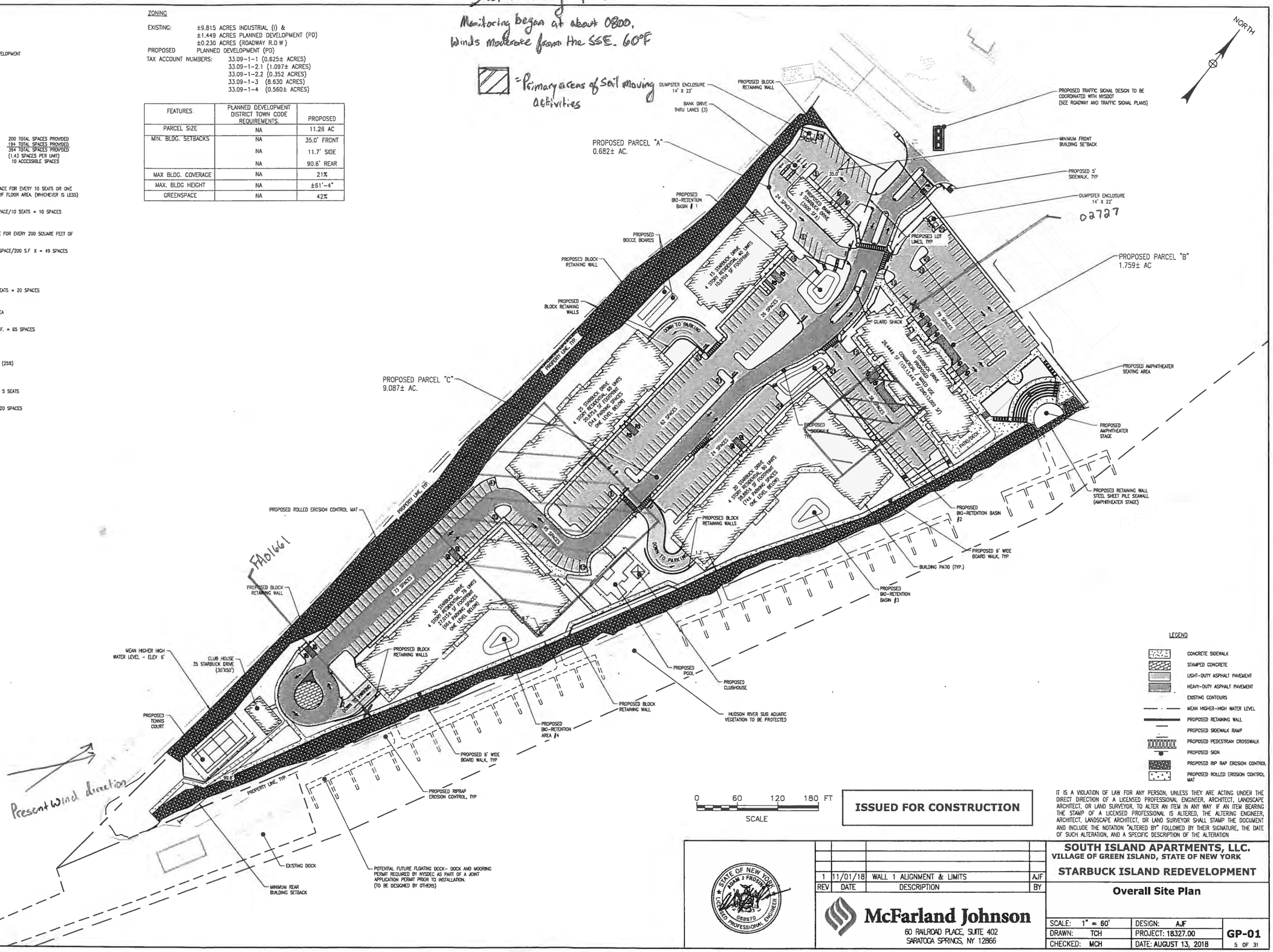
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
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- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

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STATE OF NEW YORK ADAM J. FROSINO LICENSED PROFESSIONAL ENGINEER 088870

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McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31	

Dust Monitoring April 23, 2019

Site soils are dry in most areas, some standing water still remains. Slight breeze out of the N, but mostly calm. 54°F

Presently very light breeze Forecasted to shift to SSW at 10-15 mph.

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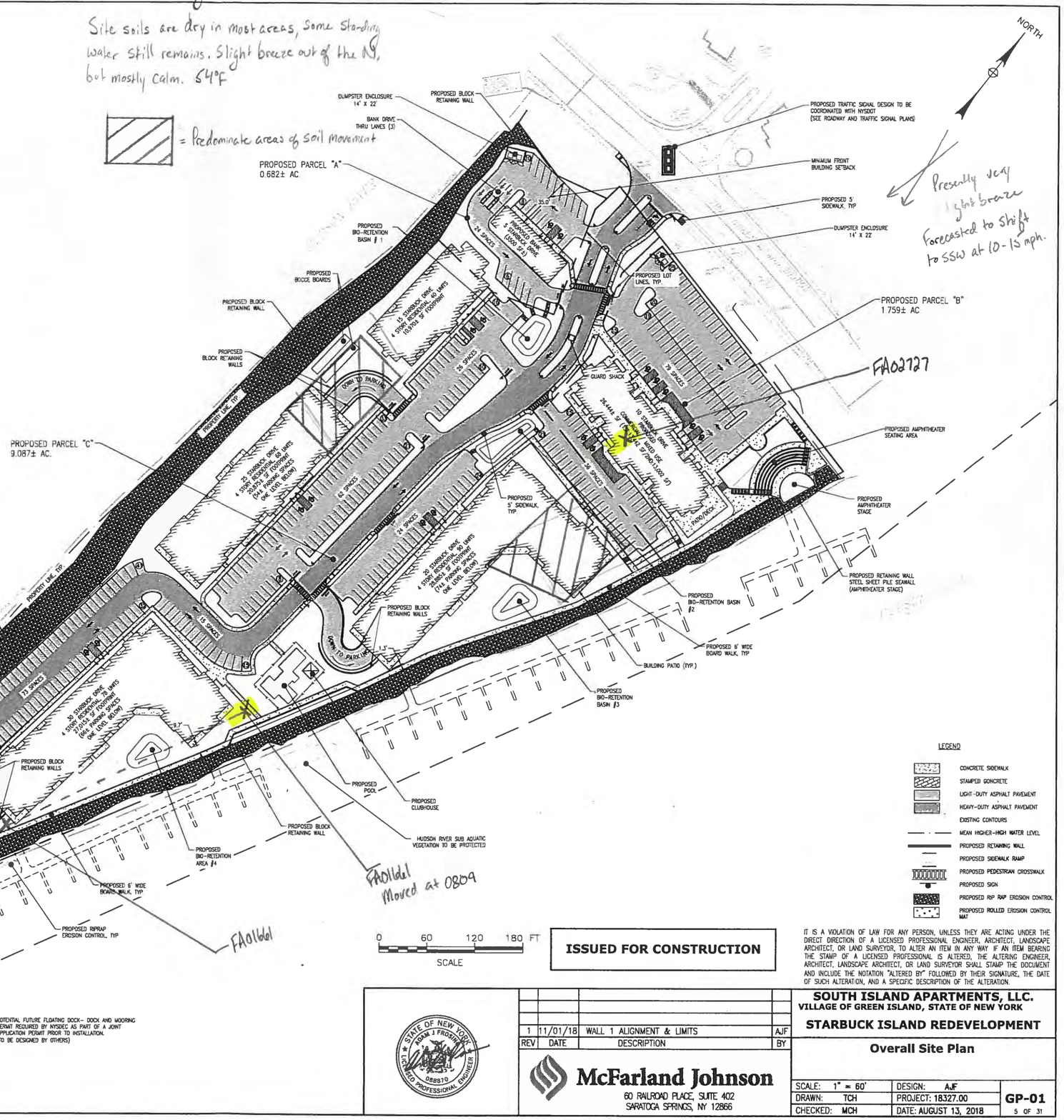
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%

= Predominate areas of soil movement



LEGEND

- CONCRETE SIDEWALK
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0 60 120 180 FT
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STATE OF NEW YORK · ADAM J. FROSINO · 088870 · LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 4/25/2019

Site dried out primarily on access roads, but several interior areas remain wet. No perceptible winds present, forecasted as light and variable, 48°F, 0800

= Current areas of soil moving activities

PROJECT DATA

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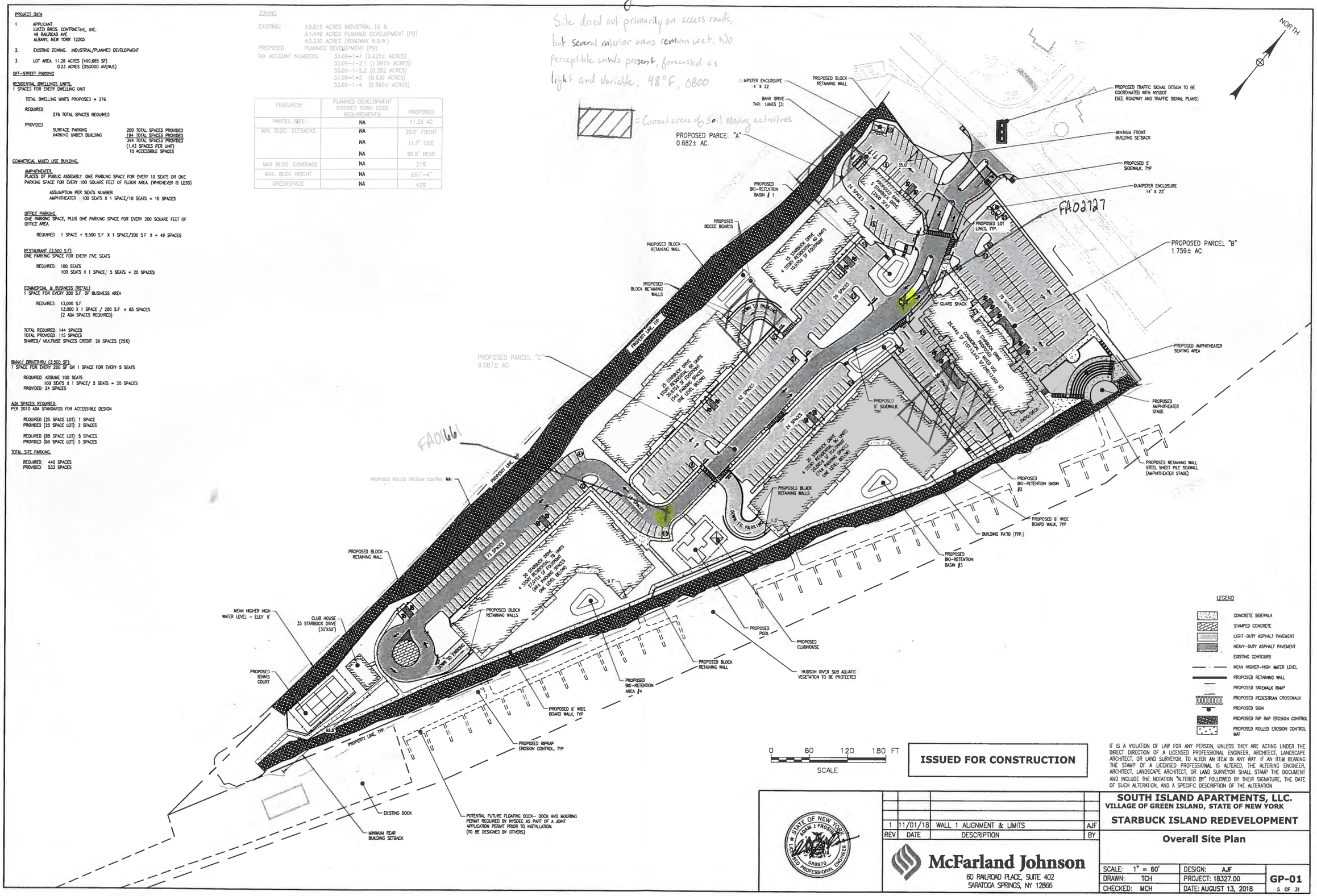

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Dust Monitoring 5/8/2019

Site remains fairly saturated from consistent rains, but may dry out throughout today. Wind conditions indicated right, 48°F, 0810

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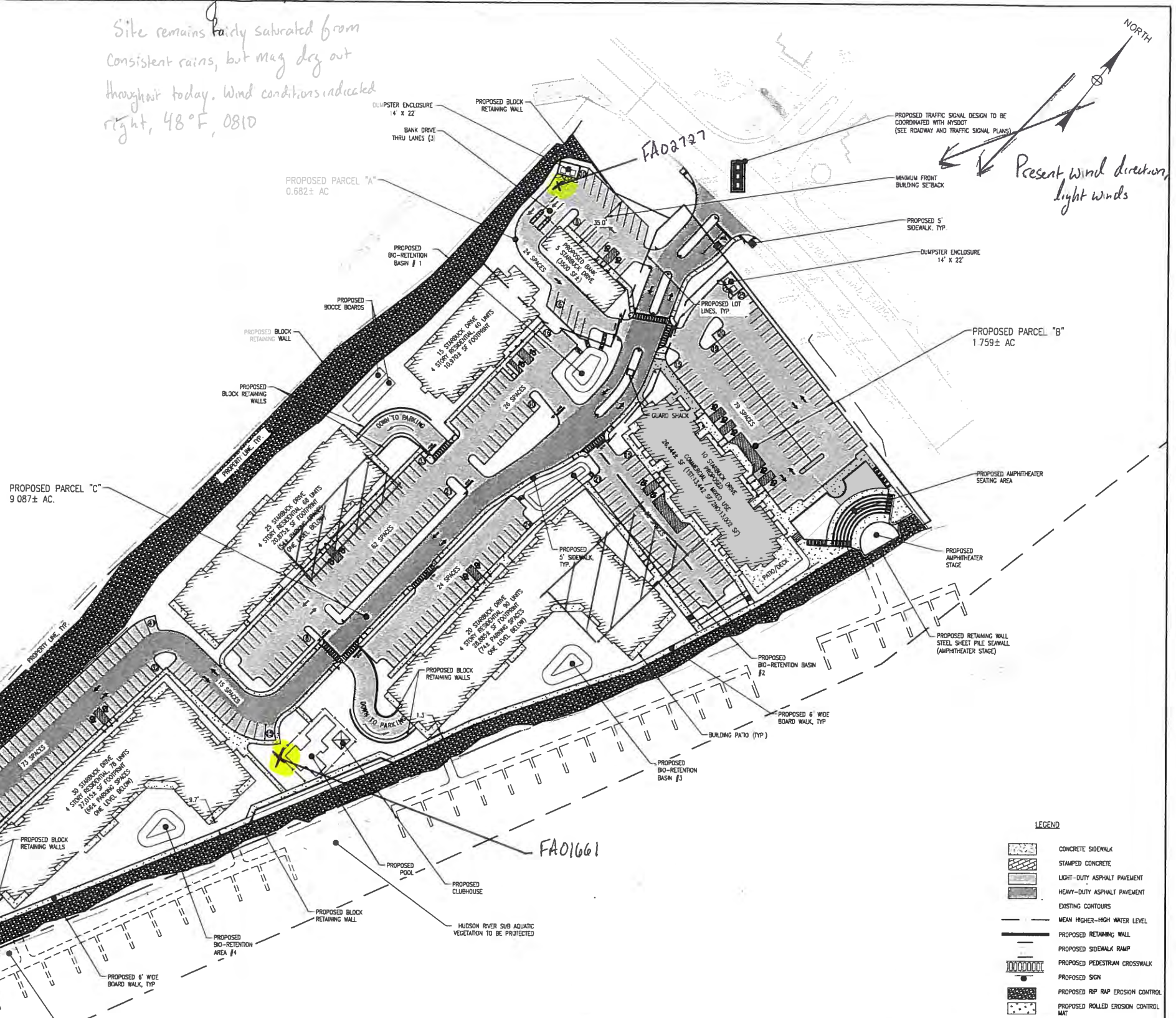
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

STATE OF NEW YORK ADAM J. FROSTINO 088879 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	5 OF 31
CHECKED: MCH	DATE: AUGUST 13, 2018	

Dust Monitoring 5/9/2019

The site dried out yesterday and remains dry at present. Currently little to no wind, 51°F 0815

PROJECT DATA

1. APPLICANT:
LUZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED:
276 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER.
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING.

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

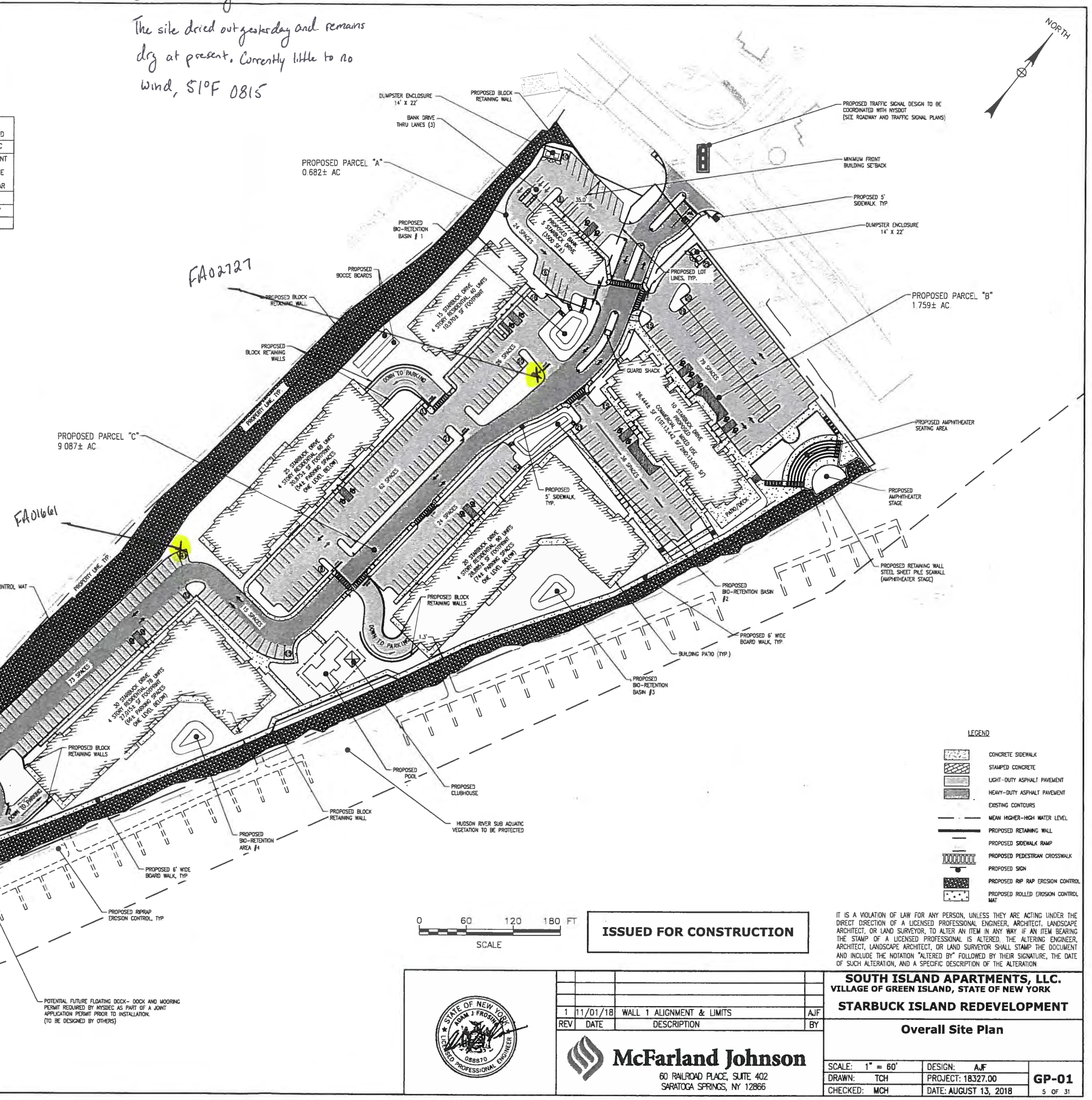
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

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- LIGHT-DUTY ASPHALT PAVEMENT
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STATE OF NEW YORK
MARK J. FROSINOS
088870
LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 5/21/2019

Site dried out throughout the morning, dust monitors deployed at 1100. Wind seems variable, but mostly moderate, NW. 61°F

PROJECT DATA

1. APPLICANT
LUTZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

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FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%

LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
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0 60 120 180 FT
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STATE OF NEW YORK ADAM J. FROSINO 088870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 5/22/2019

Site dried out yesterday and remains dry. Presently light wind from the North. Forecasted winds at 5-10mph, N. 58°F, 0815.

PROJECT DATA

1. APPLICANT:
LUCZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,685 SF)
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OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

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REQUIRED
276 TOTAL SPACES REQUIRED

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REQUIRED: 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
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TOTAL SITE PARKING:

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EXISTING ±9.815 ACRES INDUSTRIAL (I) &
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FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
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MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
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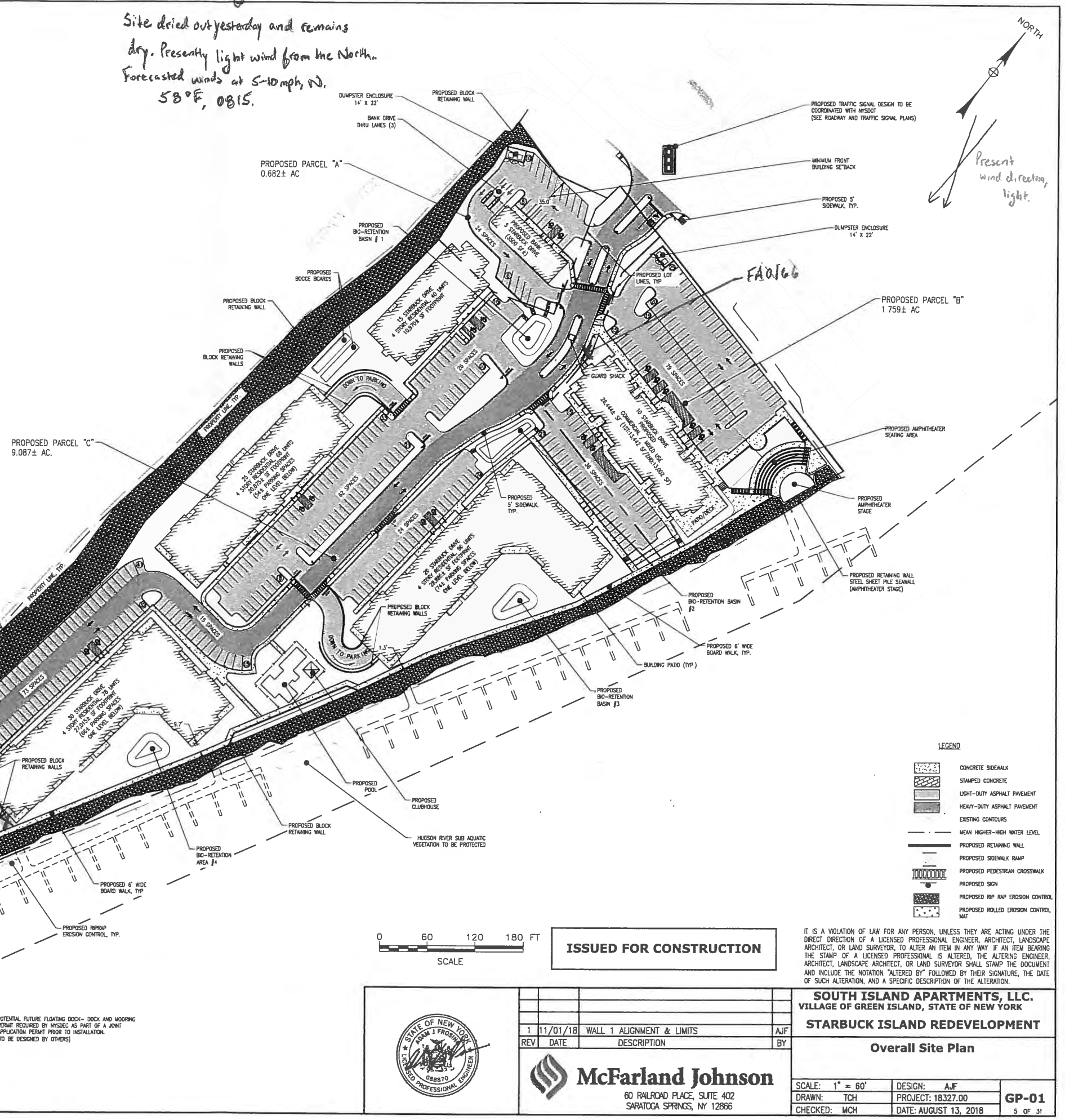

LEGEND

- CONCRETE SIDEWALK
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- LIGHT-DUTY ASPHALT PAVEMENT
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0 60 120 180 FT
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STATE OF NEW YORK · FRANK J. FROSINI · 088870 · LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 5/23/2019

Site remains dry, PM rain anticipated.
Fairly windy with winds blowing from the South, forecasted at 10-20mph, 65°F, 0815.

PROJECT DATA

1. APPLICANT:
LUCZI BROS. CONTRACTING, INC.
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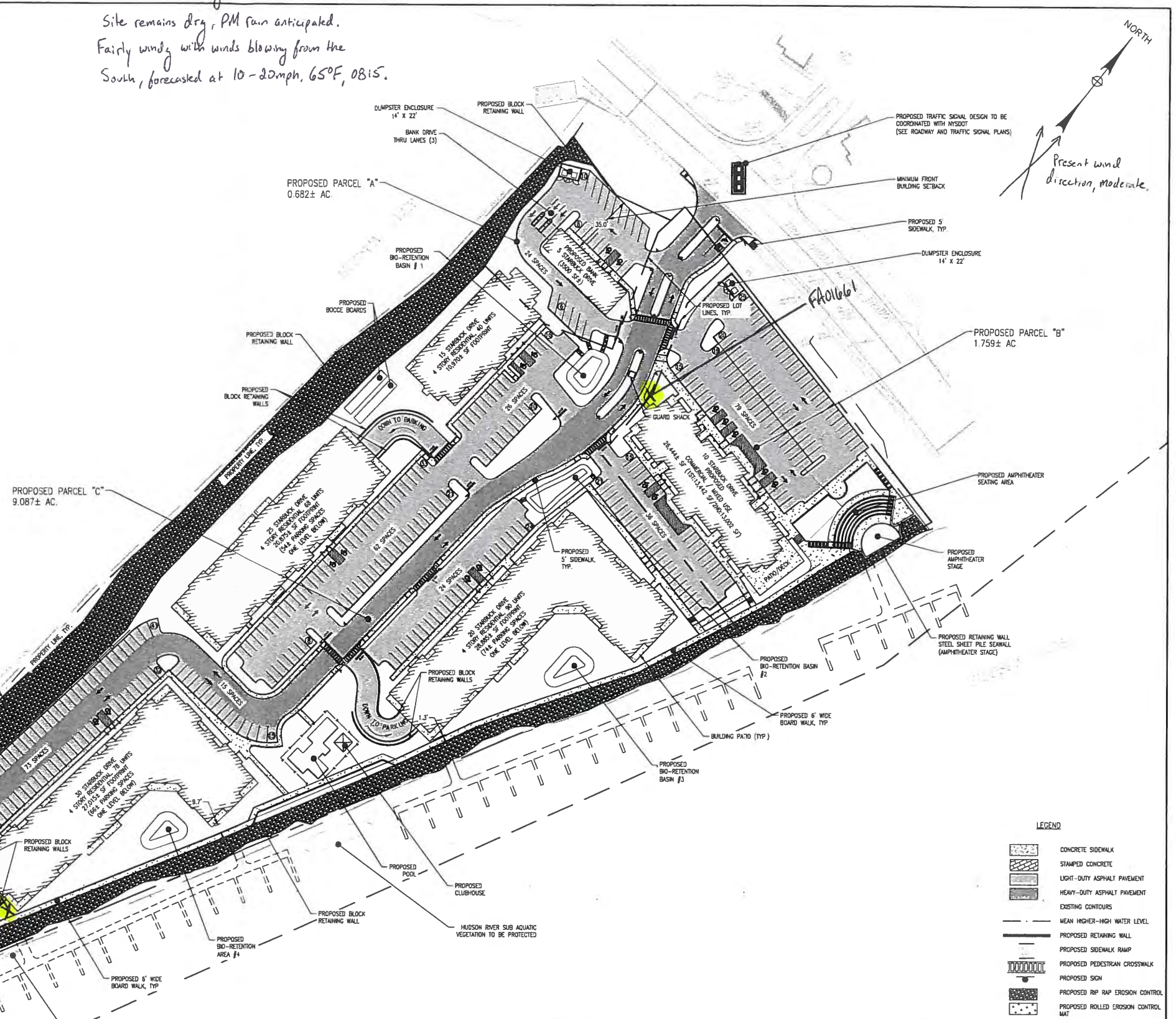

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DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 5/25/2019

Despite PM rain yesterday the site may dry out throughout the day - Presently many wet areas remain, but sunny and windy conditions may facilitate Moisture loss. 63°F, 0810.

PROJECT DATA

1 APPLICANT
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COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

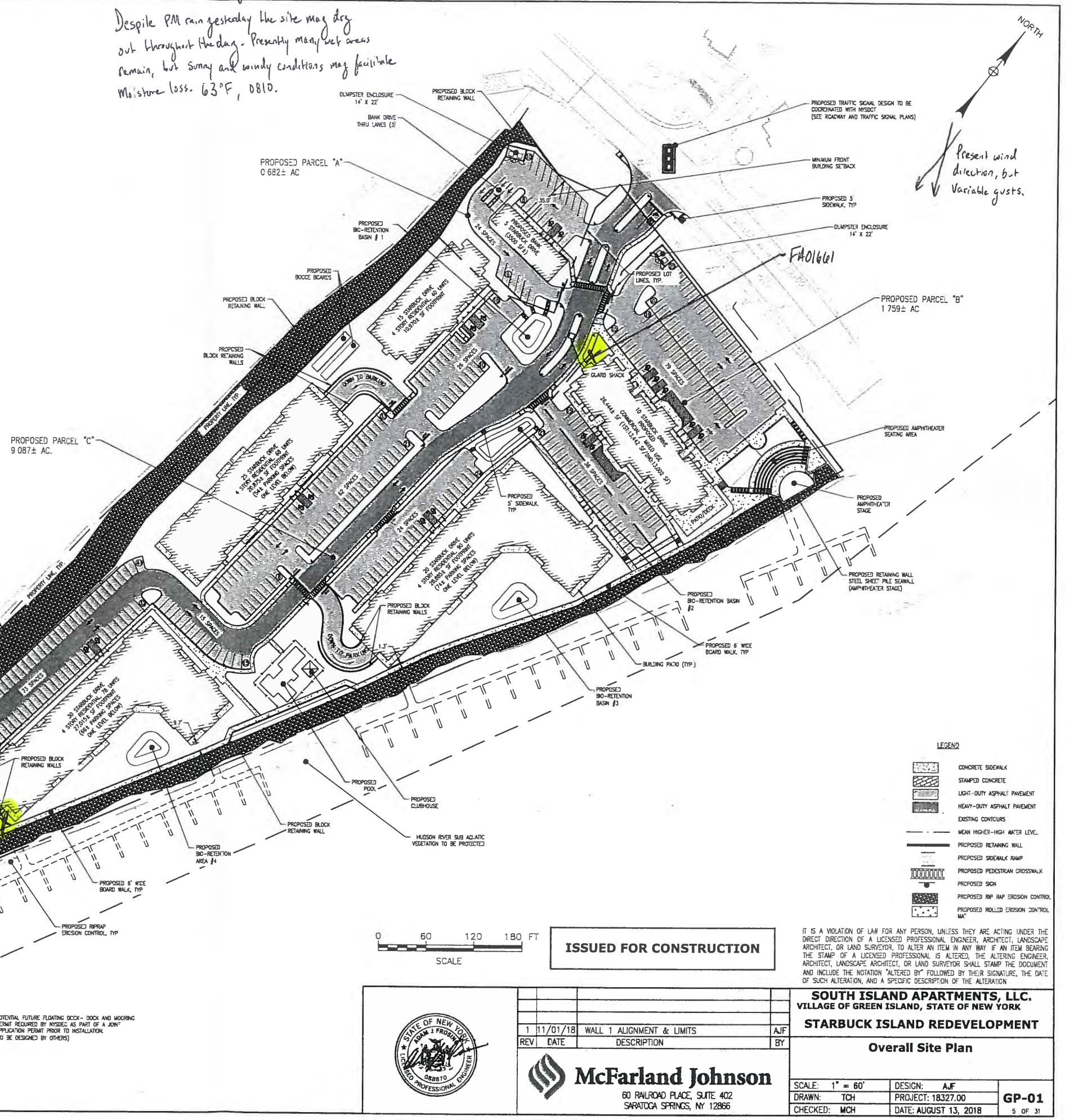
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROEHLICH — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 5/30/2019

Site is slowly drying out and warm temperatures today will facilitate that process. Presently little to no wind, but forecasted SW at 5-10 mph. Monitors deployed @0805, 65°F

PROJECT DATA

1. APPLICANT
LUCZO BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: (INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED
275 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVE-THRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

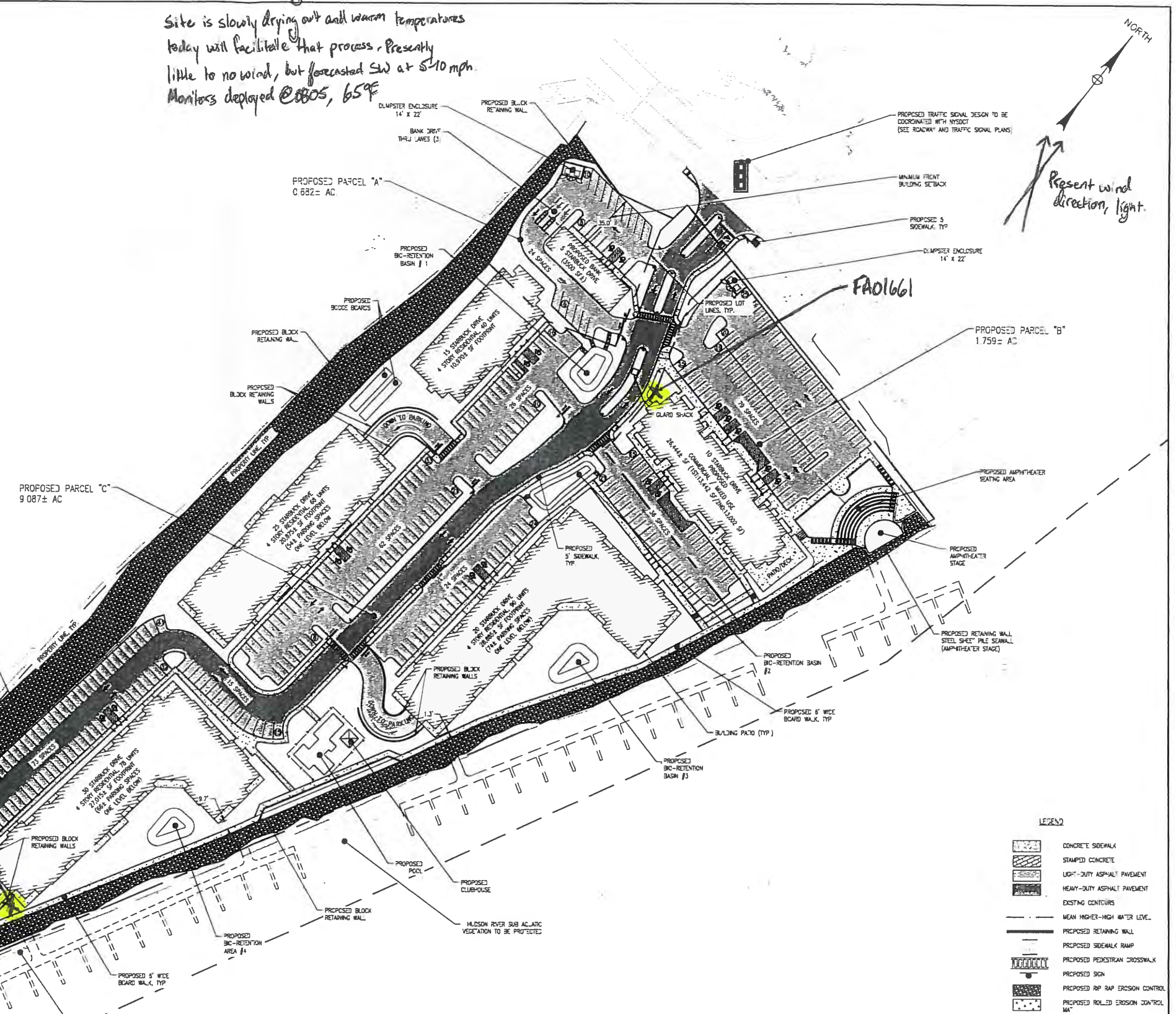
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS:
33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%


NORTH
Present wind direction, light.
PROPOSED PARCEL "A" 0.682± AC.
PROPOSED PARCEL "B" 1.759± AC.
PROPOSED PARCEL "C" 9.087± AC
FA01661
FA02727
PROPOSED TRAFFIC SIGNAL DESIGN TO BE COORDINATED WITH NYSDOT (SEE ROADWAY AND TRAFFIC SIGNAL PLANS)
MINIMUM FRONT BUILDING SETBACK
PROPOSED 5' SIDEWALK, TYP.
DUMPSTER ENCLOSURE 14' X 22'
PROPOSED BIO-RETENTION BASIN #1
PROPOSED LOT LINES, TYP.
PROPOSED BLOCK RETAINING WALL
PROPOSED BLOCK RETAINING WALLS
GUARD SHACK
PROPOSED AMPHITHEATER SEATING AREA
PROPOSED AMPHITHEATER STAGE
PROPOSED RETAINING WALL STEEL SHEET PILE SEAWALL (AMPHITHEATER STAGE)
PROPOSED BIO-RETENTION BASIN #2
PROPOSED 6' WIDE BOARD WALK, TYP
BUILDING PATIO (TYP.)
PROPOSED BIO-RETENTION BASIN #3
PROPOSED POOL
PROPOSED CLUBHOUSE
HUDSON RIVER SUB AQUATIC VEGETATION TO BE PROTECTED
PROPOSED BLOCK RETAINING WALL
PROPOSED BIO-RETENTION AREA #4
PROPOSED 6' WIDE BOARD WALK, TYP
PROPOSED RIPRAP EROSION CONTROL, TYP
PROPOSED ROLLED EROSION CONTROL MAT
PROPERTY LINE, TYP.
EXISTING DOCK
MINIMUM REAR BUILDING SETBACK
POTENTIAL FUTURE FLOATING DOCK- DOCK AND MOORING PERMIT REQUIRED BY NYSDEC, AS PART OF A JOINT APPLICATION PERMIT PRIOR TO INSTALLATION. (TO BE DESIGNED BY OTHERS)
MEAN HIGHER-HIGH WATER LEVEL - ELEV 5'
CLUB HOUSE 35 STARBUCK DRIVE (30'X50')
PROPOSED TENNIS COURT
PROPOSED BLOCK RETAINING WALLS
PROPOSED BLOCK RETAINING WALL
PROPOSED BIO-RETENTION BASIN #5
PROPOSED 5' SIDEWALK, TYP.
PROPOSED PAVILION
PROPOSED BIOSWALE
PROPOSED BIO-RETENTION BASIN #6
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIOSWALE
PROPOSED BIO-RETENTION BASIN #7
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIO-RETENTION BASIN #8
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIO-RETENTION BASIN #9
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIO-RETENTION BASIN #10
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIO-RETENTION BASIN #11
PROPOSED BLOCK RETAINING WALLS
PROPOSED BIO-RETENTION BASIN

Dust Monitoring 5/31/2019

Despite raining last night the site is expected to dry out throughout the day. Ground intrusive work planned today consists mainly of site grading. Moderate wind from the north, 64°F.

PROJECT DATA

1. APPLICANT
LUCZO BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (DSG000 AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

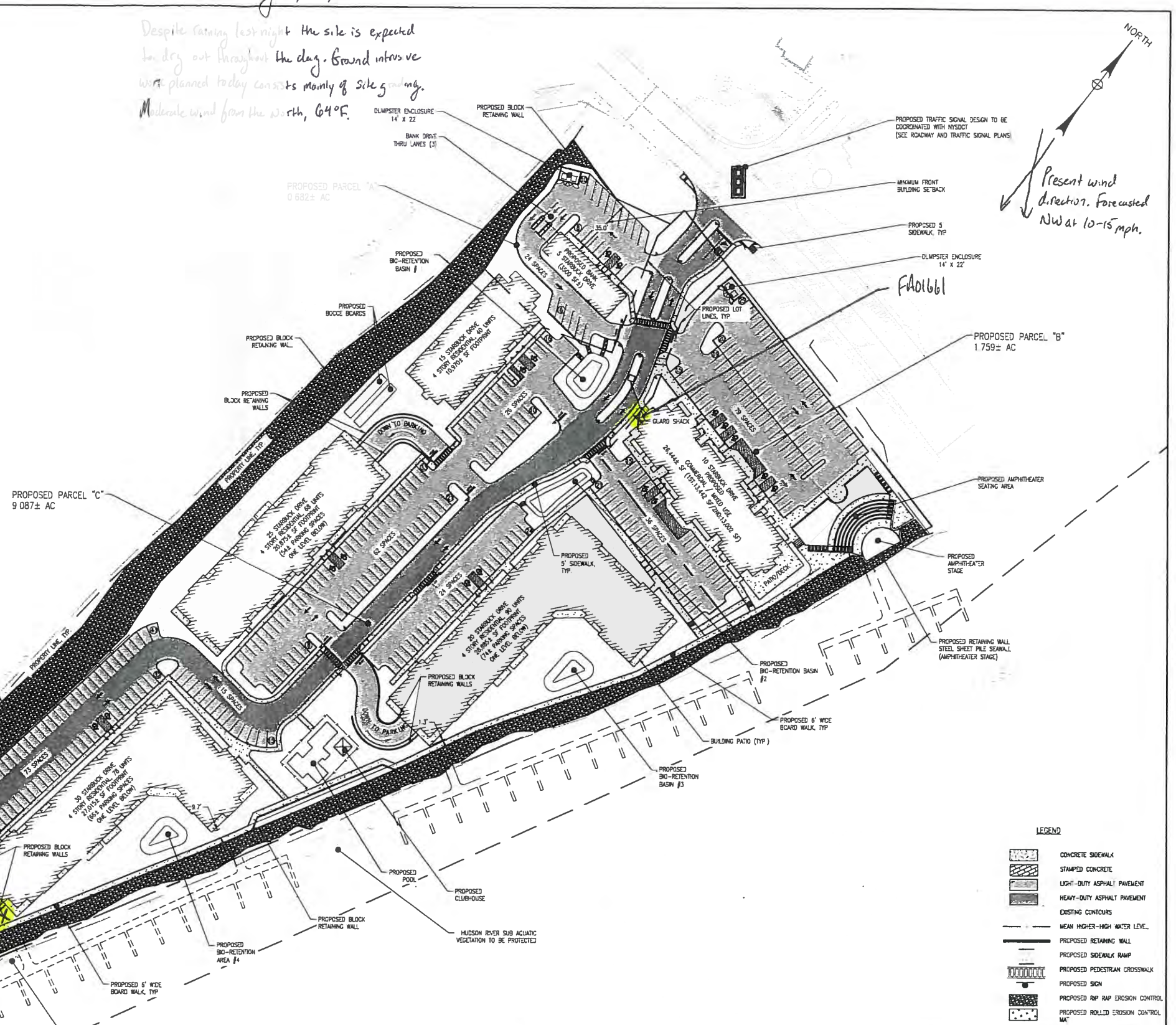
TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVE...
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK — JOHN J. FROSHEISER — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 6/3/2019

Site contains some standing water but is dry overall. Ground intrusive work should be minimal, but concrete cutting will occur throughout the day along the Eastern wall.
61°F, 0805

PROJECT DATA

1. APPLICANT:
LUCZI BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA 17.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER : 100 SEAT'S X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEAT'S = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEAT'S
100 SEAT'S X 1 SPACE/ 5 SEAT'S = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

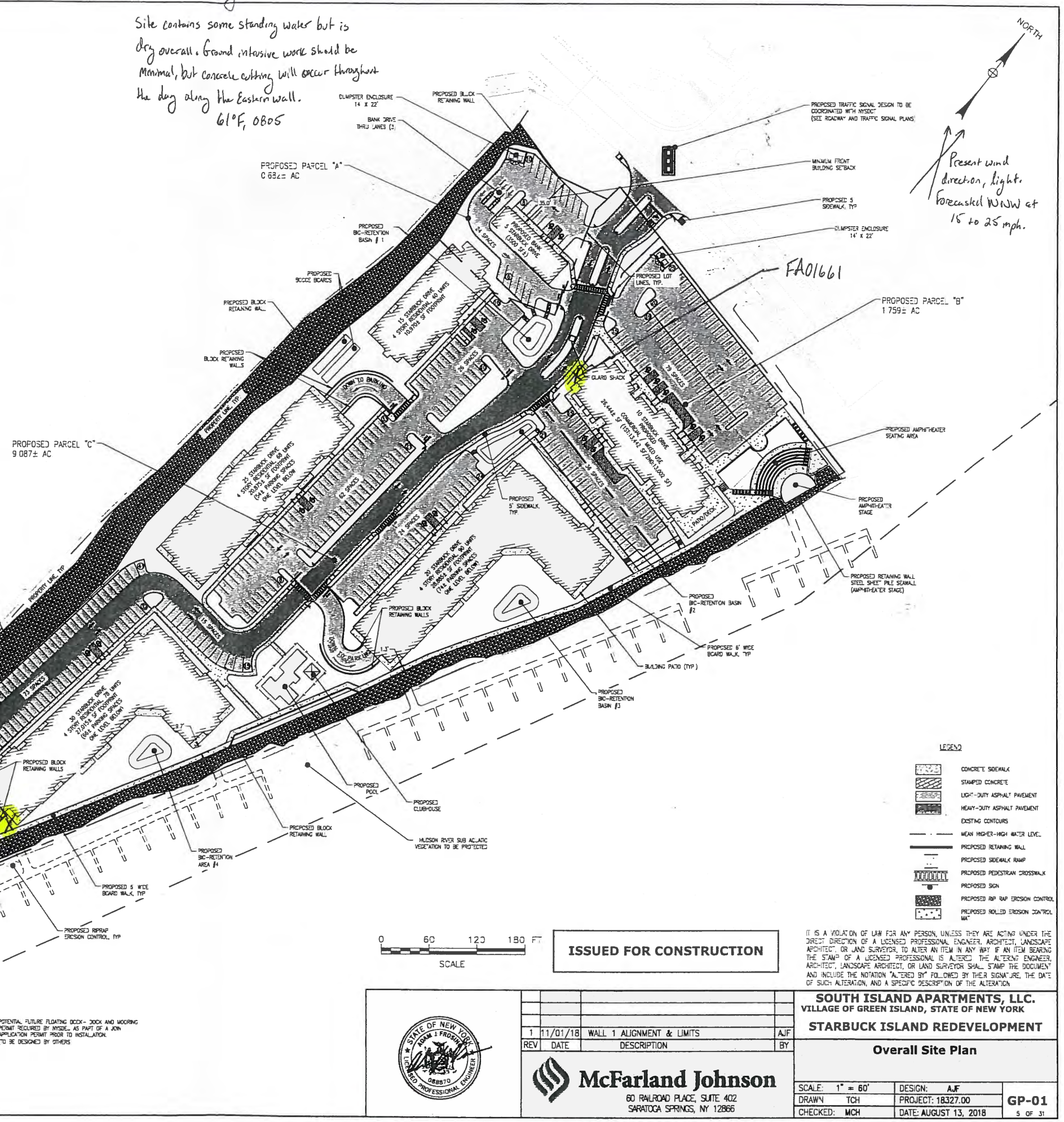
REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

FEATURES	DISTRICT ZONE CODE	
	EQ E S	
	MA	17.26 AC
1 BLDG STRUC		
	MA	17.26 AC
	MA	17.26 AC
	MA	17.26 AC
	MA	17.26 AC



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
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- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
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STATE OF NEW YORK — ADAM J. FROSINI — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
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McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF
DRAWN: TCH	PROJECT: 18327.00
CHECKED: MCH	DATE: AUGUST 13, 2018

GP-01
5 OF 31

6/4/19 Dust monitoring
some standing water, primarily by

Wind in morning light/ negligible, forecast W/ NNW at 8-10 mph

FA01661

FA02727

PROJECT DATA

1. APPLICANT
LUZZI BROS. CONTRACTING INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL, PLANNED DEVELOPMENT

3. LOT AREA 11.26 ACRES (490,585 SF)
9.23 ACRES (356000 AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLING UNITS
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED
275 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.42 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

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RESTAURANT (3,600 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 130 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVE-THRU (3,500 SF)
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REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

TOTAL SITE PARKING

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.443 ACRES PLANNED DEVELOPMENT (PD),
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS 33.09-1-1 (3.825± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%

NORTH

PROPOSED PARCEL "A" 0.682± AC

PROPOSED PARCEL "B" 1.759± AC

PROPOSED PARCEL "C" 9.087± AC

DUMPSTER ENCLOSURE 14' X 22'

PROPOSED BLOCK RETAINING WALL

BANK DRIVE THRU LANES (2

PROPOSED TRAFFIC SIGNAL DESIGN TO BE COORDINATED WITH NYSDOT (SEE ROADWAY AND TRAFFIC SIGNAL PLANS

MINIMUM FRONT BUILDING SETBACK

PROPOSED 5' SIDEWALK, TYP

PROPOSED BIO-RETENTION BASIN #1

PROPOSED BOSSE BOARDS

PROPOSED LOT LINES, TYP.

PROPOSED BLOCK RETAINING WALL

PROPOSED BLOCK RETAINING WALLS

GUARD SHACK

PROPOSED AMPHITHEATER SEATING AREA

PROPOSED AMPHITHEATER STAGE

PROPOSED 5' SIDEWALK, TYP

PROPOSED RETAINING WALL STEEL SHEET PILE SEAWALL (AMPHITHEATER STAGE)

PROPOSED BIO-RETENTION BASIN #2

PROPOSED 5' WIDE BOARD WALK TYP

BUILDING PATIO (TYP.)

PROPOSED BIO-RETENTION BASIN #3

PROPOSED ROLLED EROSION CONTROL MAT

PROPERTY LINE, TYP

PROPOSED BLOCK RETAINING WALL

MEAN HIGHER HIGH WATER LEVEL = ELEV 5

CLUB HOUSE 35 STARBUCK DRIVE (30'X50')

PROPOSED BLOCK RETAINING WALLS

PROPOSED TENNIS COURT

PROPOSED BLOCK RETAINING WALL

PROPOSED BIO-RETENTION AREA #4

PROPOSED 5' WIDE BOARD WALK TYP

PROPOSED RIPRAP EROSION CONTROL TYP

PROPOSED POOL

PROPOSED CLUB-HOUSE

HUDSON RIVER SUB AQUATIC VEGETATION TO BE PROTECTED

EXISTING DOCK

POTENTIAL FUTURE FLOATING DOCK- DOCK AND MOORING PERMIT REQUIRED BY NYSDEC AS PART OF A JOINT APPLICATION PERMIT PRIOR TO INSTALLATION (TO BE DESIGNED BY OTHERS)

MINIMUM REAR BUILDING SETBACK

LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REV.	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

STATE OF NEW YORK — ADAM J. FROSINO — 088870 — LICENSED PROFESSIONAL ENGINEER

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF
DRAWN: TCH	PROJECT: 18327.00
CHECKED: MCH	DATE: AUGUST 13, 2018

GP-01
5 OF 31

6/5/19 Dust Monitoring

dry site conditions in the morning

Light SW wind in morning, forecasted 6-9 mph

PROJECT DATA

1. APPLICANT
LIUZZO BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.25 ACRES (490,585 SF)
0.33 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER: 1000 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK / DRIVE-THRU (3,500 SF:
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

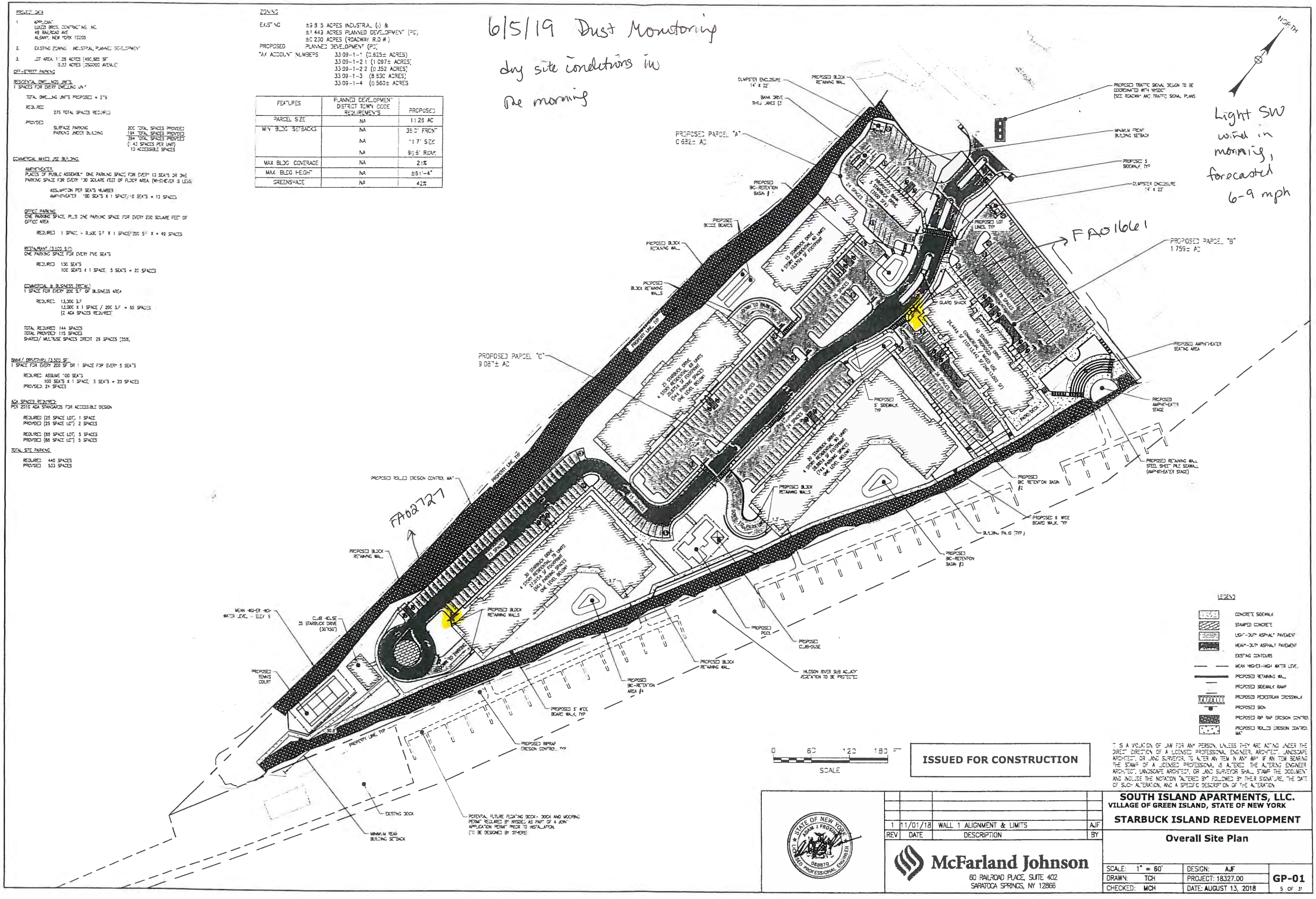
TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD);
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.25 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROUNFELKER — 088879 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 6/10/2019

Site is dry owing to zero weekend precipitation. Ground intrusive work includes electrical conduits and excavations within Bldg 30. Presently little to no wind, 66°F 0810

PROJECT DATA

1. APPLICANT:
LUCZO BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA 11.26 ACRES (490,585 SF)
0.23 ACRES (DSG000 AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:

SURFACE PARKING	200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING	194 TOTAL SPACES PROVIDED
	394 TOTAL SPACES PROVIDED
	(1.43 SPACES PER UNIT)
	10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER: 100 SEAT'S X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVE-THRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

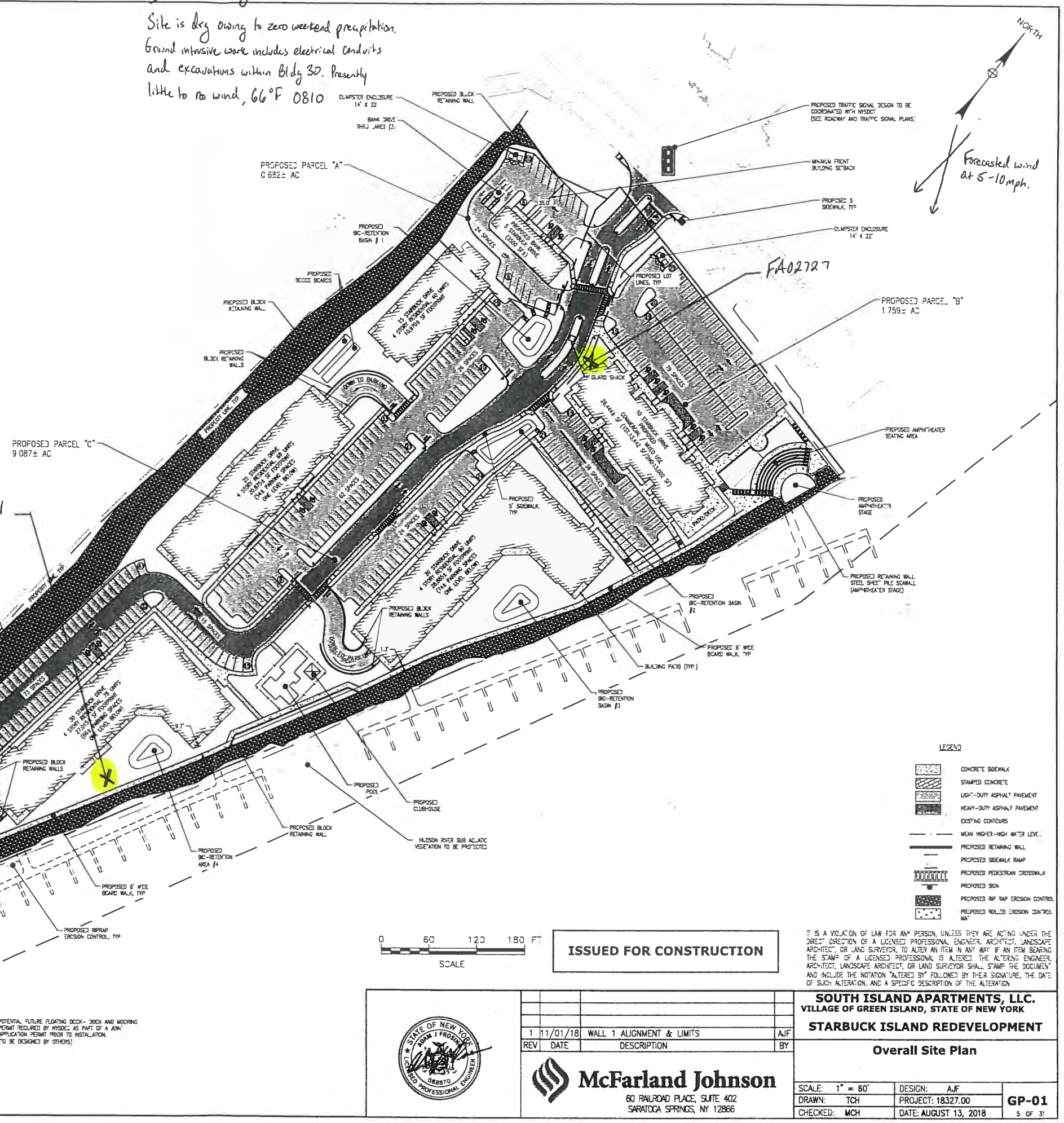
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS:
33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK ADAM J. FROST 085870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	**GP-01**	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 6/10/2019

Site retains much moisture from yesterday, but is nearly half dry - Material could be seen being kicked up by telehandlers. Minimal intrusive work such as building 30 column footers excavations and electrical conduct work to be conducted. 0815, 63°F

FA01661

FA02727

Forecasted wind at 10-15 mph. Presently little to no wind.

PROJECT DATA

1. APPLICANT
   LUCCI BUILDS, CONSTRUCTING, INC.
   48 SMALLTOWN AVE.
   ALBANY, NEW YORK 11001
2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT
3. LOT AREA: 11.25 ACRES (ONE LOT)
   1,123 ACRES (STARBUCK AVENUE)

OWNERSHIP PARCELS

RESIDENTIAL DWELLING UNITS
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING: 205 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING: 184 TOTAL SPACES PROVIDED
389 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 250 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER: 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 250 SQUARE FEET OF OFFICE AREA

REQUIRED: 1 SPACE + 8,300 SF X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (BAR & GRILL)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 130 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 114 SPACES
TOTAL PROVIDED: 111 SPACES
SHARED / MIXED USE SPACES CREDIT: 19 SPACES (15%)

MARINA (BOATING CLUB) USE
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING

REQUIRED: 440 SPACES
PROVIDED: 513 SPACES

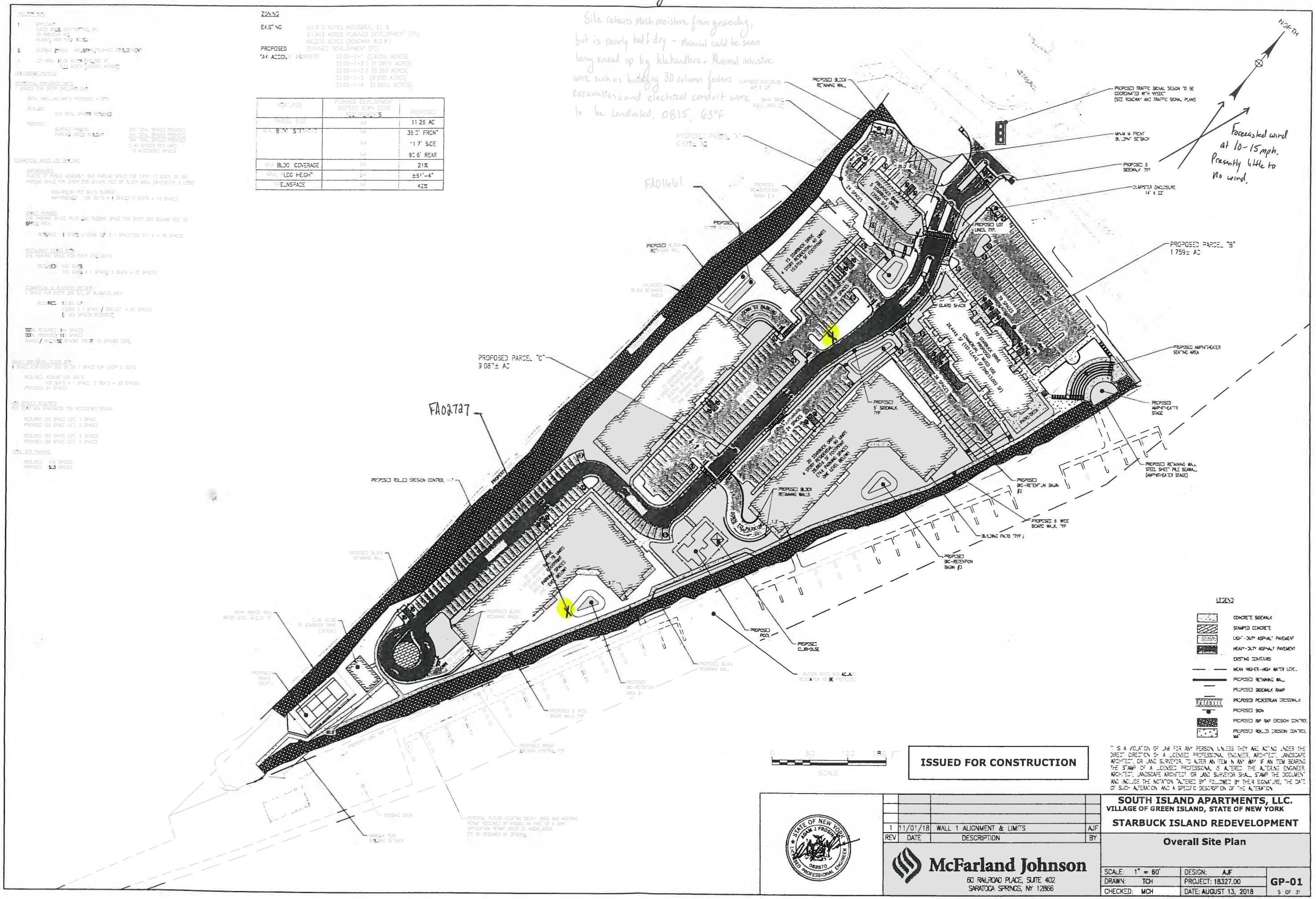
ZONING

EXISTING: ±3.815 ACRES INDUSTRIAL (I) &
±1.443 ACRES PLANNED DEVELOPMENT (PD)
±6.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS:
33.09-1-1* (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.930 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.25 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX. BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±51'-4"
OPEN SPACE	NA	42%



SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK ADAM J. FROEHLICH 088870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF
DRAWN: TCH	PROJECT: 18327.00
CHECKED: MCH	DATE: AUGUST 13, 2018

GP-01
5 OF 31

Dust Monitoring 6/14/2019

Despite AM rain yesterday, site is dry. Ground intrusive work includes column footer excavation work inside the Building 30 frame and electrical conduit work. Presently light winds from the SE but winds are forecasted at 10-20 mph from the West. 64°F, 08:15

PROJECT DATA

1. APPLICANT
LIUZZO BROS. CONTRACTING, INC.
48 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL PLANNED DEVELOPMENT

3. LOT AREA: 1.28 ACRES (55,585 SF)
3.23 ACRES (139,000 ASSUME)

OFF-STREET PARKING

RESIDENTIAL DWELLING UNITS
1 SPACE/1 FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 278

REQUIRED
278 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.41 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/ 10 SEATS = 10 SPACES

OFFICE PARKING
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED 1 SPACE + 9,300 S.F. X 1 SPACE/200 S.F. X = 48 SPACES

RESTAURANT (3,600 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS RETAIL
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,300 S.F.
13,300 X 1 SPACE / 200 S.F. = 66 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED / MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK / RESTAURANT (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (66 SPACE LOT) 5 SPACES
PROVIDED (66 SPACE LOT) 5 SPACES

TOTAL SITE PARKING

REQUIRED 440 SPACES
PROVIDED 533 SPACES

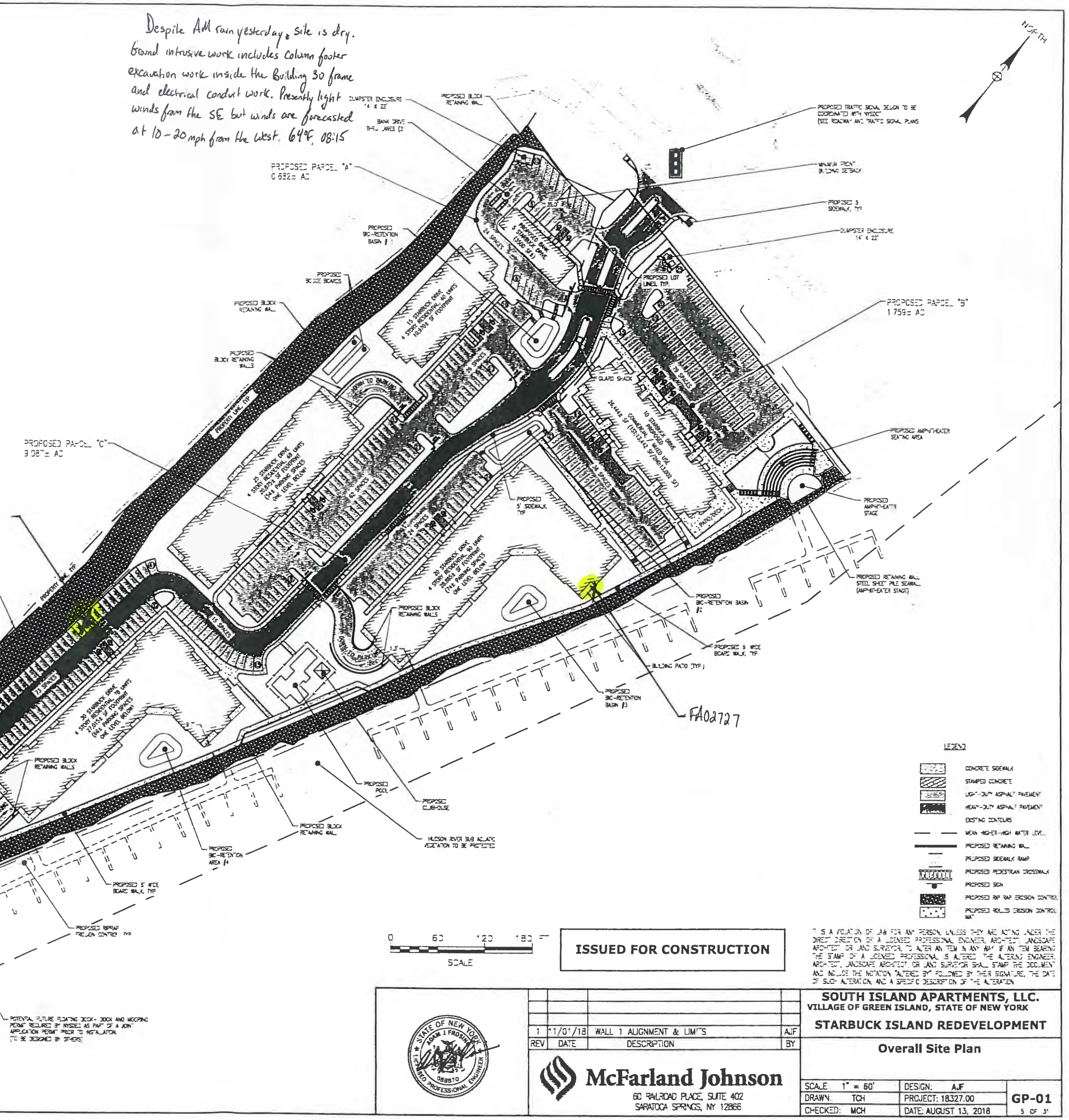
ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±2.230 ACRES (ROADWAY R.O.W.)

PROPOSED PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS
33.09-1-1 (2.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.930 ACRES)
33.09-1-4 (0.563± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.28 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	30.5' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK ADAM J. FROEHLICH 088170 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 5

Dust Monitoring 6/20/2019

Site is mainly dry with a few heavily saturated areas remaining. Rain may pass by, but dust monitors are deployed until then. Primary ground intrusive work consists of backfilling Building 30's exterior walls and utility repair work.

PROJECT DATA

1. APPLICANT
LIGGETT BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL, PLANNED DEVELOPMENT

3. LOT AREA 1.28 ACRES (55,585 SF)
0.22 ACRES (ROADWAY AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLING UNITS
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 278

REQUIRED
278 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
1.42 SPACES PER UNIT
13 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS).

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED 1 SPACE + 9,300 S.F. X 1 SPACE/200 S.F. = 48 SPACES

RESTAURANT (3,522 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS X 1 SPACE 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,300 S.F.
13,300 X 1 SPACE / 200 S.F. = 66 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED / MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK / DRIVE-THRU (3,900 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE, 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

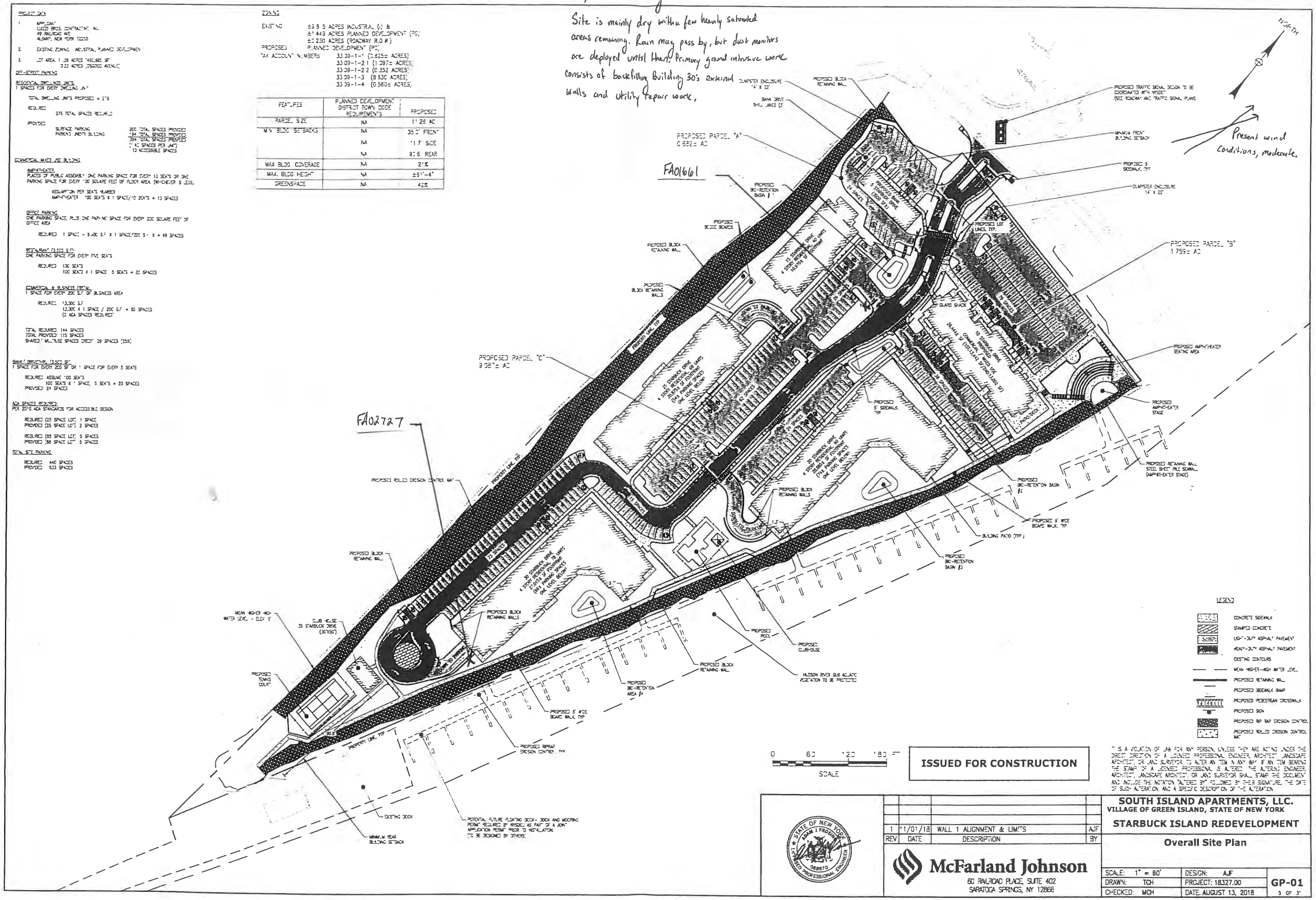
TOTAL SITE PARKING

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±3.93 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (3.625± ACRES)
33.09-1-2.1 (1.297± ACRES)
33.09-1-2.2 (0.152 ACRES)
33.09-1-3 (0.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	1.128 AC
MIN BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERED ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN:	AJF
DRAWN:	TCH	PROJECT:	18327.00
CHECKED:	MCH	DATE:	AUGUST 13, 2018

GP-01
5 OF 5

Dust Monitoring 6/24/2019

Primary work is to be conducted in and around Bld. 30. No wetland precipitation, so site is fully dry. Some mason blvd ceiling impacted dur... monitor placement.
08:20, 74°F

PROJECT DATA

1. APPLICANT:
LOCUST BROS. CONTRACTING INC.
48 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL PLANNED DEVELOPMENT

3. LOT AREA: 7.26 ACRES (316,285 SF)
9.23 ACRES (402000 AVERAGE)

OFF-STREET PARKING

RESIDENTIAL DWELLING UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 278

REQUIRED
278 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 134 TOTAL SPACES PROVIDED
334 TOTAL SPACES PROVIDED
(* 4.5 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED 1 SPACE + 9,300 S.F. X 1 SPACE/200 S.F. X = 48 SPACES

RESTAURANT (3,600 S.F.):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED / MULTI-USE SPACES CREDIT 29 SPACES (25%)

BANK / OFFICE (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

±8.815 ACRES INCLUDING
±1.449 ACRES PLANNED DEVELOPMENT
±0.230 ACRES (ROAD
PLANNED DEVELOPMEN
TOWN NUMBERS 33.09-1-1
33.09-1-
33.09-1-2
33.09-1-3
33.09-1-4

LAWS/RES	PLANNED DEVELOPMENT DISTRICT TOWN REQUIREMENTS	
USE	NA	
BLDG	NA	3
	NA	
	NA	30.6'
	NA	2'%
	NA	±5'-4"
	NA	42%

FA01661

FA02727

LEGEND
- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

THIS ALTERATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK ADAM J. FROST 058870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/07/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 5

Dust monitors 6/27/19

PROJECT DATA

APPLICANT:
[illegible] BROS. CONTRACTING, INC.
48 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL PLANNED DEVELOPMENT

3. LOT AREA: 1.29 ACRES (56,185 SF)
2.23 ACRES (97,000 ± SF)

OFF-STREET PARKING

RESIDENTIAL (MID- AND HIGH-RISE)
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 284 TOTAL SPACES PROVIDED
484 TOTAL SPACES PROVIDED
(1.42 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL (MIXED USE BUILDING)

AMPHITHEATER
SPACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 30 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER: 100 SEATS X 1 SPACE/ 10 SEATS = 10 SPACES

OFFICE PARKING
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED: 1 SPACE + 9,000 S.F. X 1 SPACE/200 S.F. = 46 SPACES

RESTAURANT (3,622 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES

COMMERCIAL & SERVICES (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(5 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED MULTI-USE SPACES CREDIT: 29 SPACES (18%)

BANK / FINANCIAL (3,500 SF)
1 SPACE FOR EVERY 200 SF OF 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED: 125 SPACE LOT: 1 SPACE
PROVIDED: 125 SPACE LOT: 2 SPACES

REQUIRED: 188 SPACE LOT: 5 SPACES
PROVIDED: 384 SPACE LOT: 5 SPACES

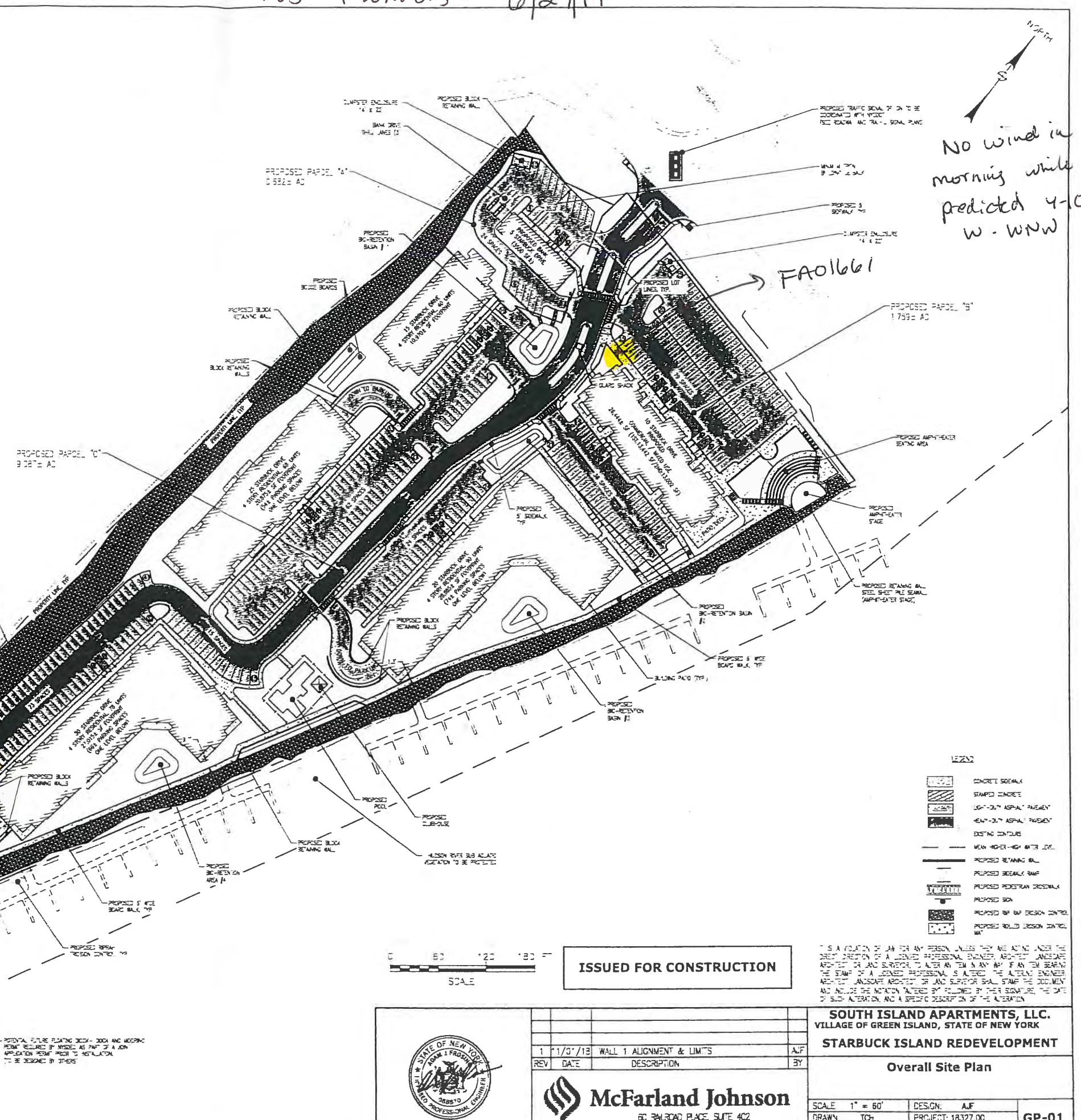
TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.8 5 ACRES INDUSTRIAL (&
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.287± ACRES)
33.09-1-2.2 (0.182 ACRES)
33.09-1-3 (9.530 ACRES)
33.09-1-4 (0.567± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	1.29 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	30.6' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

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REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	

Dust Monitoring 6/28/2019
Site is dry. Ground intensive work is confined to curbing preparations in the North West Corner of the site. Other Contractor work continues in each of the buildings. 08:15, 74°F

2

FA01661

FA02727

PROJECT DATA

1. APPLICANT:
LIZZO BROS. CONTRACTING INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL PLANNED DEVELOPMENT

3. LOT AREA: ± 28 ACRES (1,650,585 SF)
± 2.23 ACRES (DEDICATED AVENUE)

OFF-STREET PARKING

RESIDENTIAL (NO. NOT UNITS)
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED
275 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 306 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 284 TOTAL SPACES PROVIDED
(1.45 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 30 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE / 10 SEATS = 10 SPACES

OFFICE PARKING
ONE PARKING SPACE PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED 1 SPACE + 9,300 S.F. X 1 SPACE/200 S.F. = 48 SPACES

RESTAURANT (3,500 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F.
13,000 S.F. X 1 SPACE / 200 S.F. = 65 SPACES
(3 ADA SPACES REQUIRED

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED / MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK / OPERATION (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE / 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (50 SPACE LOT) 3 SPACES
PROVIDED (306 SPACE LOT) 5 SPACES

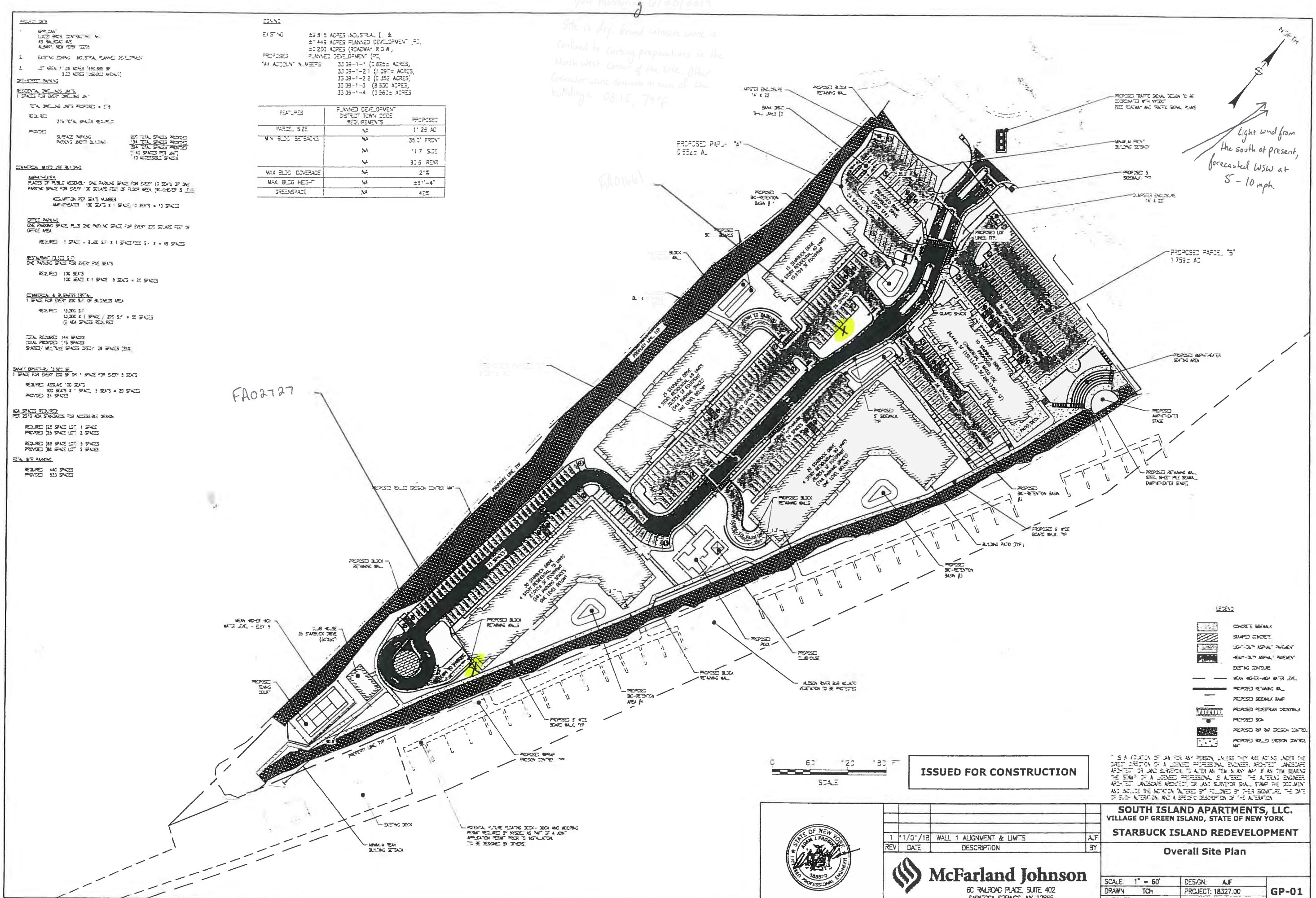
TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±± 8.15 ACRES INDUSTRIAL (& ±± 449 ACRES PLANNED DEVELOPMENT (PD), ±± 2.20 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (± 0.826± ACRES), 33.09-1-2.1 (± 1.287± ACRES), 33.09-1-2.2 (± 0.152 ACRES), 33.09-1-3 (± 8.830 ACRES), 33.09-1-4 (± 0.561± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	1.28 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	81.6' REAR
MAX. BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±51'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK ADAM J. FROEHLICH 088579 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/0"/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE	1" = 60'	DESIGN: AJF	GP-01
DRAWN	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 3"

PROJECT DATA

1. APPLICANT
   SOUTH ISLAND APARTMENTS, LLC.
   48 RAILROAD AVE.
   ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL PLANNED DEVELOPMENT

3. LOT AREA: 1.28 ACRES (55,600 SF)
   2.33 ACRES (100,000 APPROX.)

OFF-STREET PARKING

RESIDENTIAL (MF) - NOS. #6-13
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 124 TOTAL SPACES PROVIDED
324 TOTAL SPACES PROVIDED
7 AC SPACES PER UNIT
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS).

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS @ 1 SPACE / 2 SEATS = 13 SPACES

OFFICE PARKING
ONE PARKING SPACE PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED 1 SPACE + 9,000 SF @ 1 SPACE/200 S.F. = 46 SPACES

RESTAURANT (3,000 S.F.)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS @ 1 SPACE / 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 SF OF BUSINESS AREA

REQUIRED 13,000 SF
13,000 @ 1 SPACE / 200 SF = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED / MULTI-USE SPACES CREDIT 29 SPACES (25%)

BANK / OFFICE (3,500 SF)
1 SPACE FOR EVERY 200 SF OF 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS @ 1 SPACE / 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (68 SPACE LOT) 3 SPACES
PROVIDED (68 SPACE LOT) 3 SPACES

TOTAL SITE PARKING

REQUIRED 440 SPACES
PROVIDED 533 SPACES

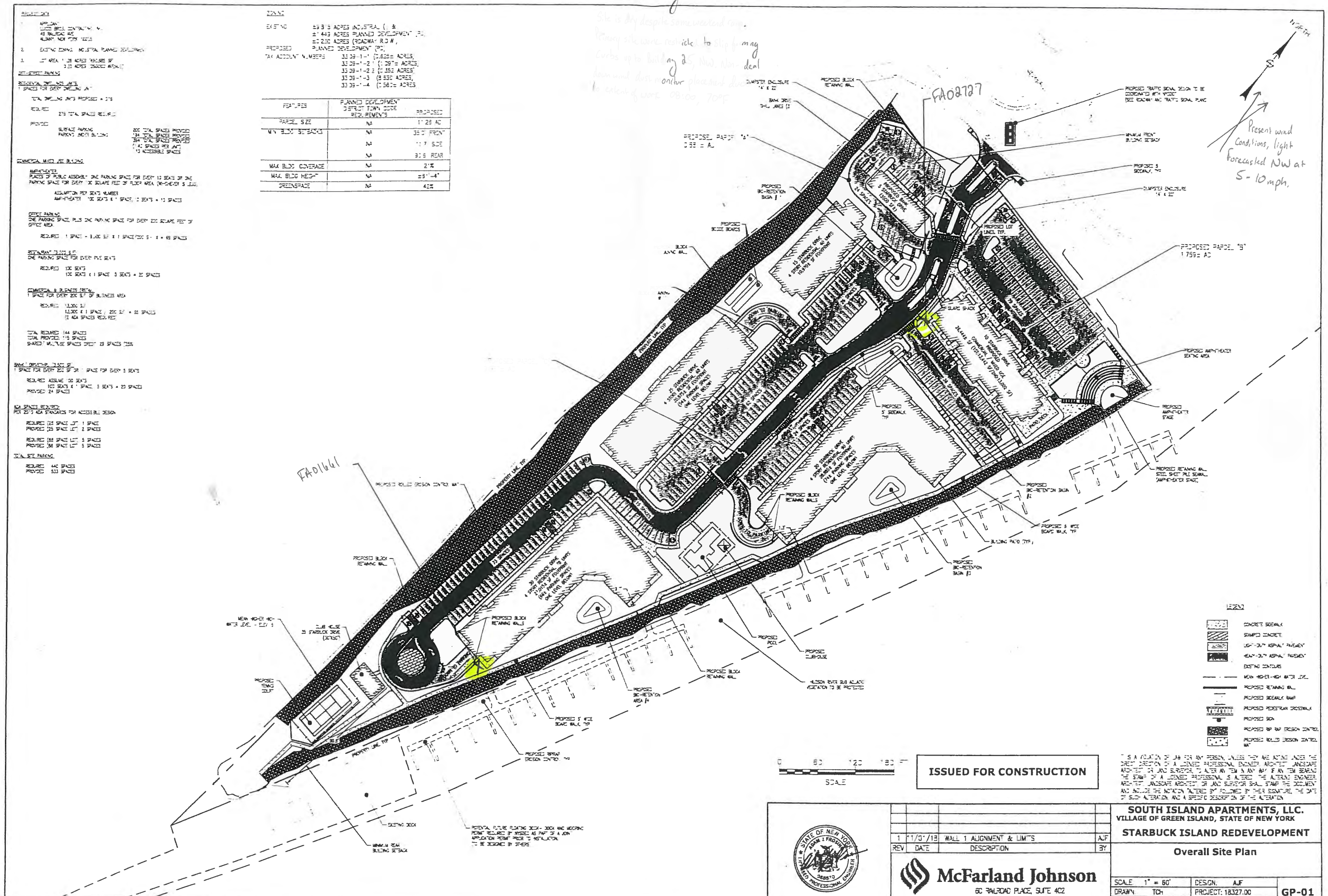
ZONING

EXISTING: ±9.8 ± ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS: 33.39-1-1 (0.628± ACRES),
33.39-1-2.1 (1.297± ACRES),
33.39-1-2.2 (0.152 ACRES)
33.39-1-3 (8.930 ACRES),
33.39-1-4 (0.563± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	1.28 AC
MIN. BLDG SETBACKS	NA	38.0' FRONT
	NA	11.7' SIDE
	NA	30.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	55'-4"
GREENSPACE	NA	42%



0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REV	DATE	DESCRIPTION	BY
1	11/01/19	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF		GP-01
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2019		5 OF 5

Dust Monitoring 7/2/2019

Primary site work confined to curbing and curbing preparations, all of which is North of building 35, West of 20+10.
Site is dry; 08:05, 67°F

Wind is light and variable, forecasted West at 5-10 mph.

PROJECT DATA

1. APPLICANT:
LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED: 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (1,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

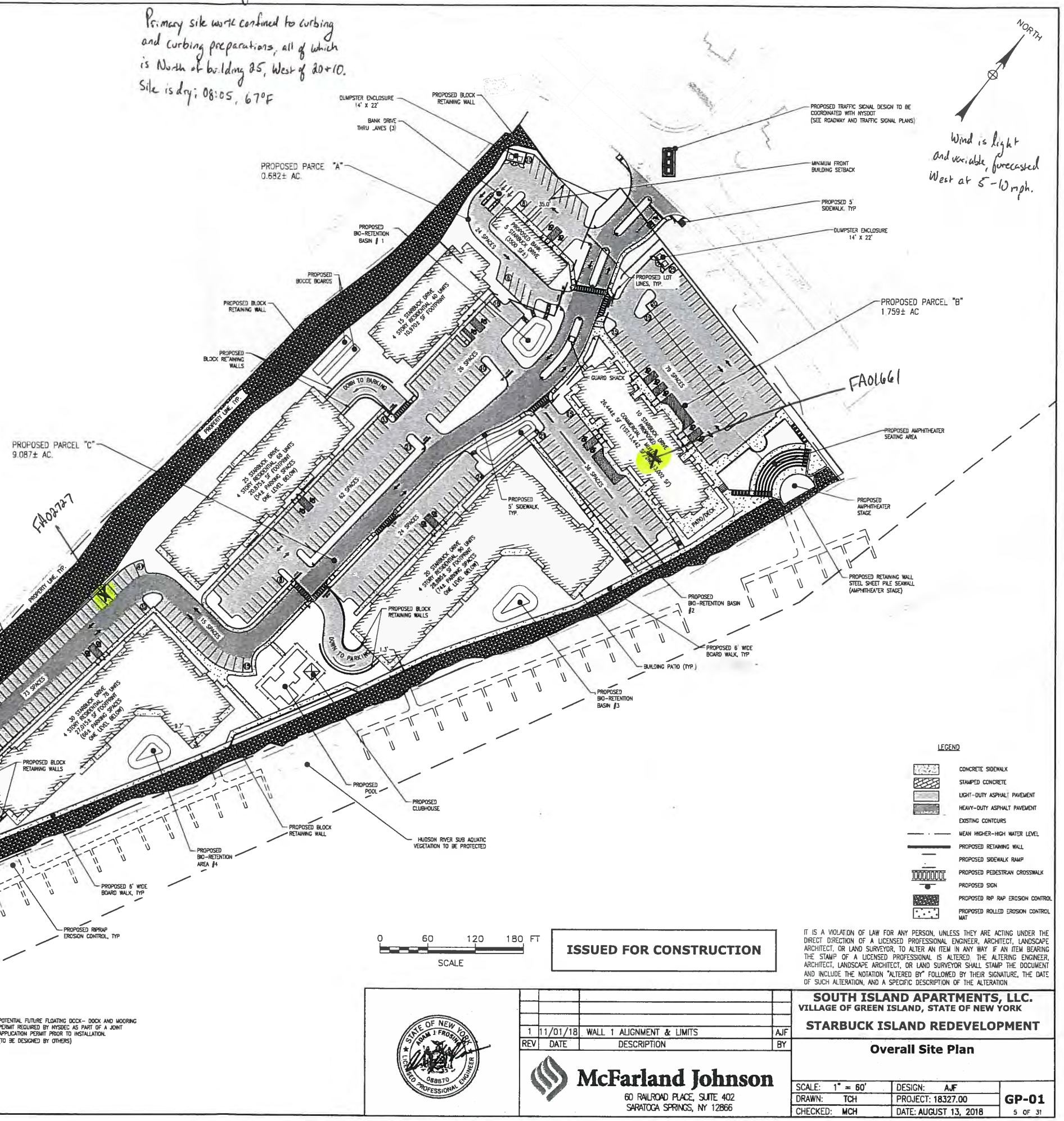
TOTAL SITE PARKING.

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK — ADAM J. FROSHING — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 7/3/2019

Some general site maintenance work is underway following curbing work yesterday. Sprinkler line work is also planned.
08:00, 76°F

Presently no wind. Forecasted at light and variable.

FA02727

FA01661

PROJECT DATA

1. APPLICANT:
LUCZO BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (050000 AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

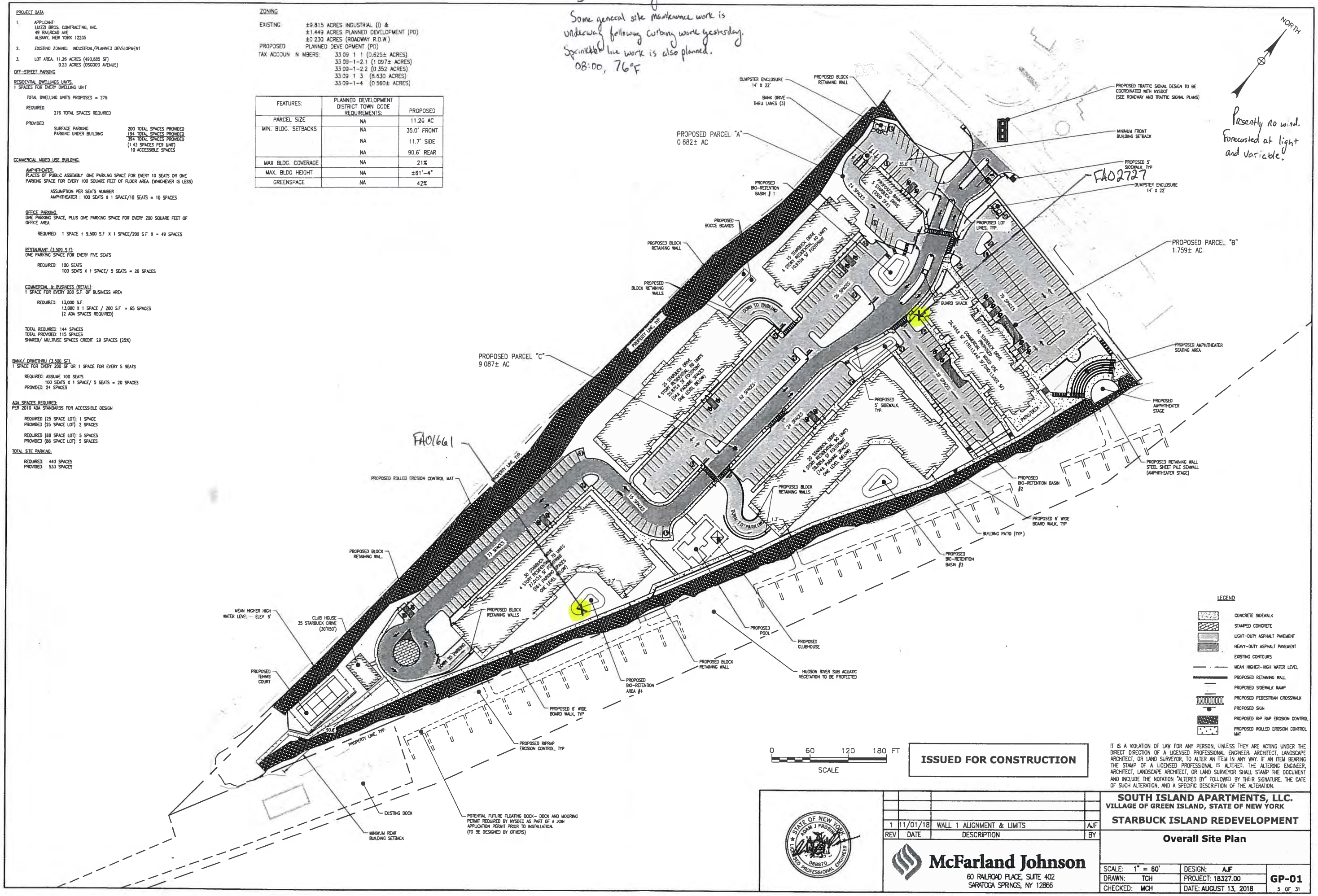
TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK · ADAM J. FROSINI · 088870 · LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 31

PROJECT DATA

1. APPLICANT
LUIZZI BROS. CONTRACTING INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (DSGOOD AVENUE)

OFF-STREET PARKING:

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

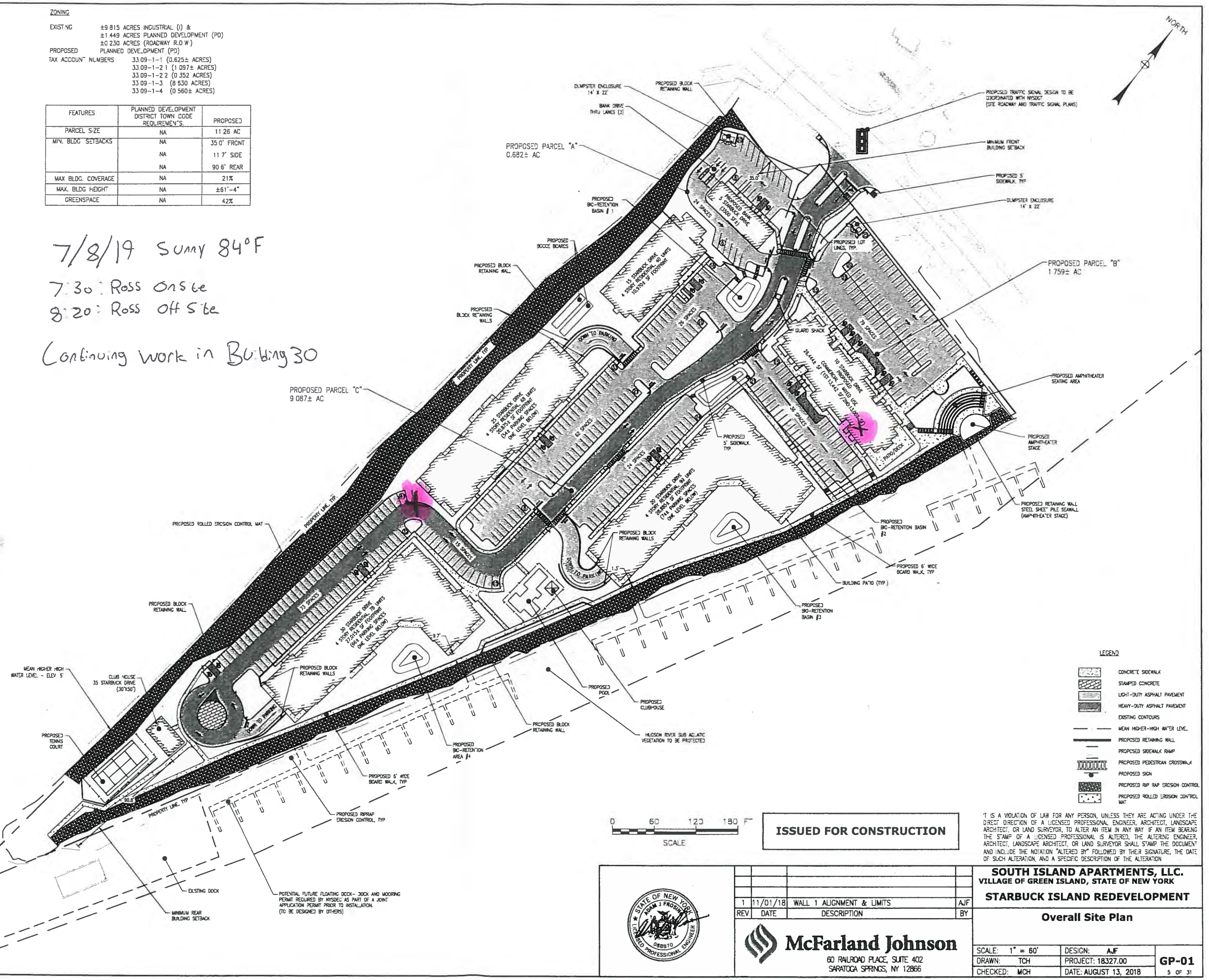
FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%

7/8/19 Sunny 84°F

7:30: Ross On Site

8:20: Ross Off Site

Continuing work in Building 30



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
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0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROEHLICH — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE:	1" = 60'	DESIGN:	AJF
DRAWN:	TCH	PROJECT:	18327.00
CHECKED:	MCH	DATE:	AUGUST 13, 2018

GP-01
5 OF 31

PROJECT DATA

1. APPLICANT
LIUZZO BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED:
275 TOTAL SPACES REQUIRED

PROVIDED:

SURFACE PARKING	200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING	194 TOTAL SPACES PROVIDED
	394 TOTAL SPACES PROVIDED
	(1.43 SPACES PER UNIT)
	10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER :
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%

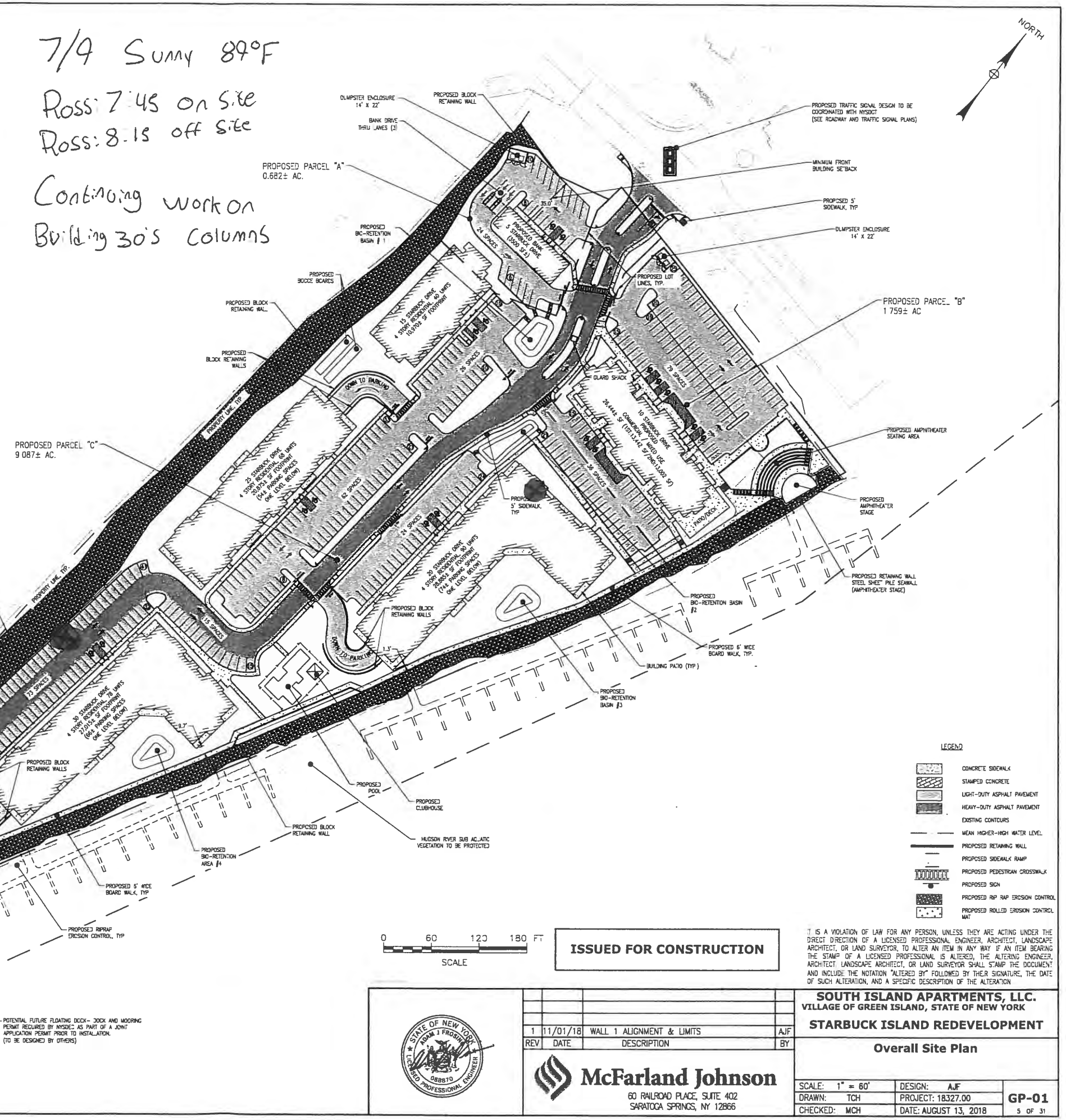
7/9 Sunny 89°F

Ross: 7:45 on Site

Ross: 8:15 off Site

Continuing work on

Building 30's Columns



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
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0 60 120 180 FT
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STATE OF NEW YORK * ADAM J FROEHLICH * 088870 * LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
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SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
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Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/10/2019

Site Conditions are dry. Work presently being conducted at entrance to building 25, then building 30.

08:05, 68°F – FA02727

11:00, 83°F – FA01661

PROJECT DATA

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LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

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PROVIDED (88 SPACE LOT): 5 SPACES

TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING:

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
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FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
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	NA	11.7' SIDE
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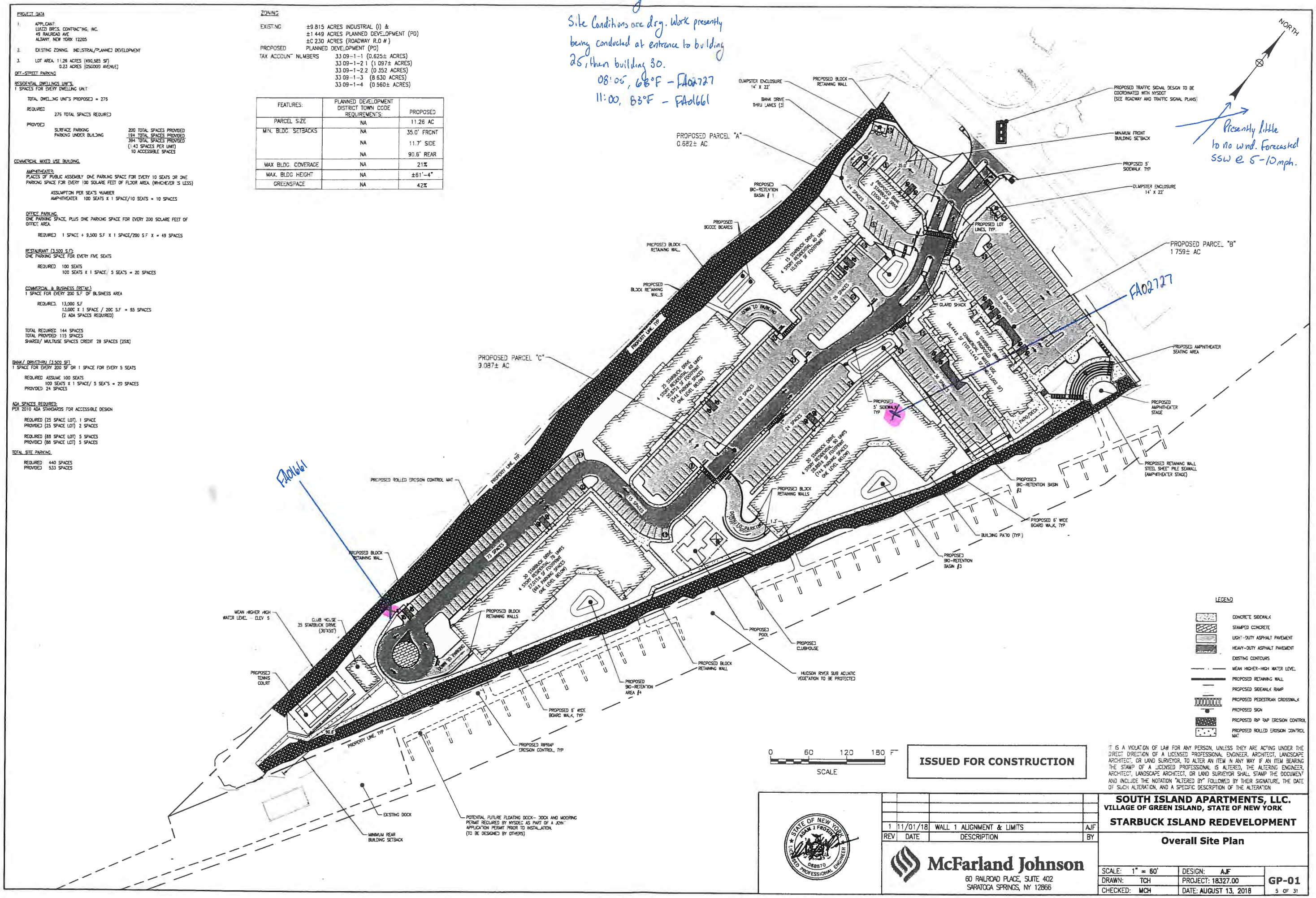
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROSCH — 088970 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/11/2019

Presently work is situated within and adjacent to Building 30. Site is dry throughout

08:00, 74°F

PROJECT DATA

1. APPLICANT
LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER.
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

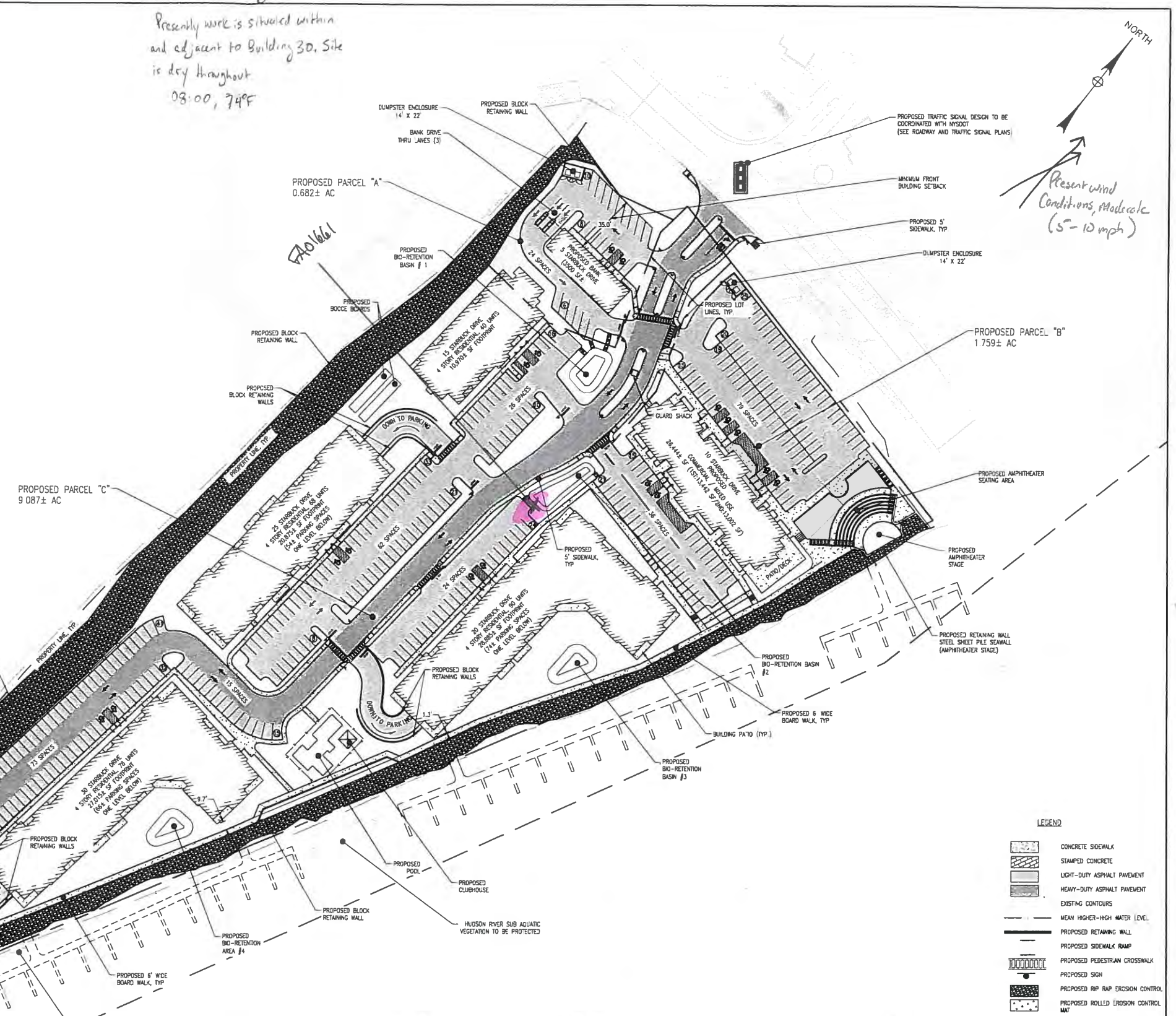
TOTAL SITE PARKING.

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
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STATE OF NEW YORK JOAN J. FROSINI 088870 LICENSED PROFESSIONAL ENGINEER

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McFarland Johnson
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VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/12/2019
Site is dry despite some rain yesterday.
Luizzi installing final cover on roads, with some East wall work.

FA02727

FA02661

Presently Variable, forecasted width

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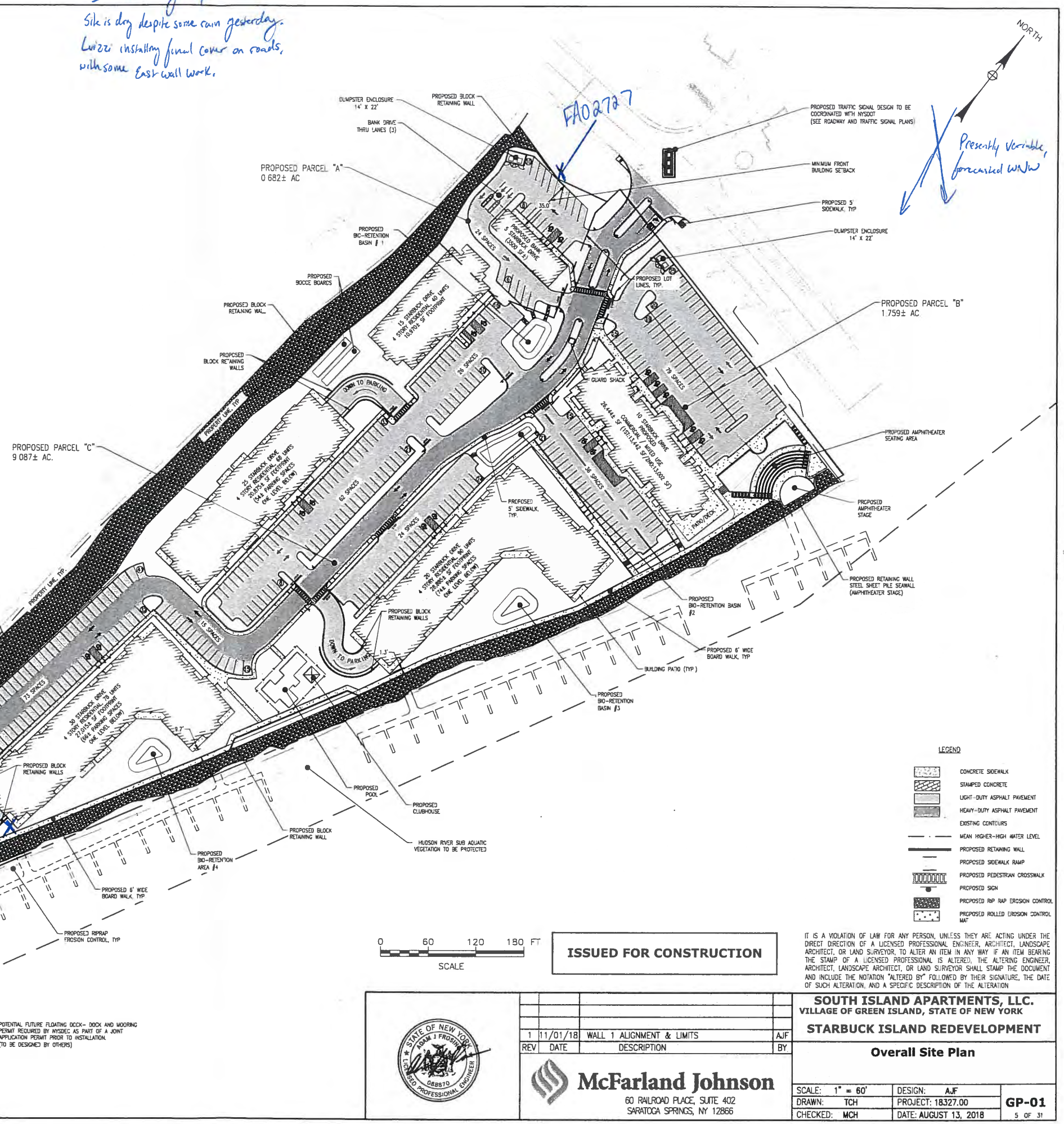

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STATE OF NEW YORK — ADAM J. FROSINO — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
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McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	**GP-01**	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 7/15/2019

Luizzi has a light crew today. Work will be confined to building 80 column footers and touching up the road stone layer set down on Friday. 08:00, 71°F

Wind is presently light, forecasted at 5-10mph, NW

PROJECT DATA

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TOTAL SITE PARKING:

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PROPOSED PLANNED DEVELOPMENT (PD)

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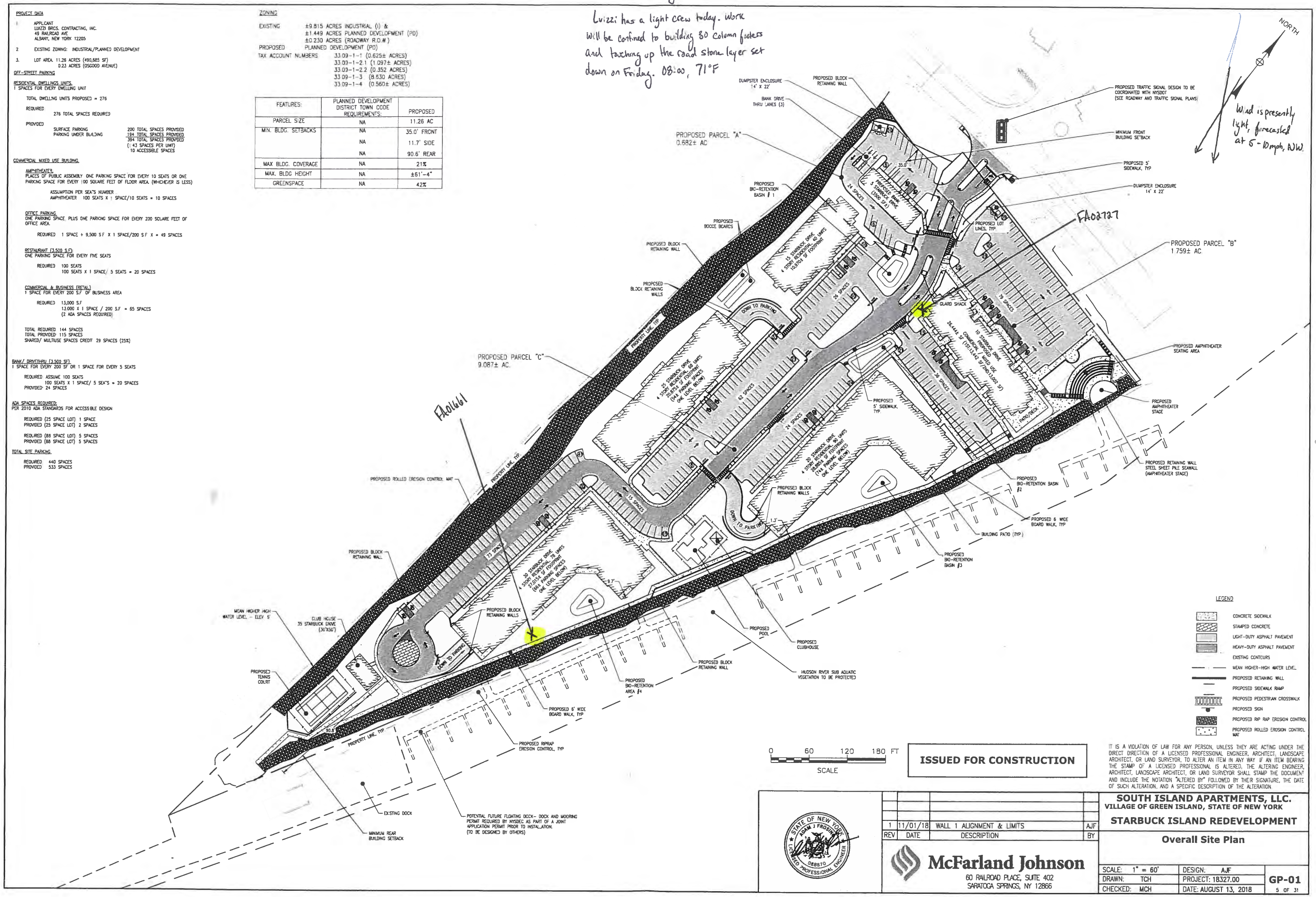
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
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- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
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STATE OF NEW YORK ★ ADAM J. FROSINO ★ 088870 ★ LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	**GP-01**
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/16/2019

Luizzi work will be focused on laying the final cover in the NW parking lot area. 08:00, 68°F

Presently little to no wind, winds forecasted S at 5-10 mph.

PROJECT DATA

1. APPLICANT:
LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE.
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
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RESIDENTIAL DWELLINGS UNITS:
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276 TOTAL SPACES REQUIRED

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PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

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AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEAT'S OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

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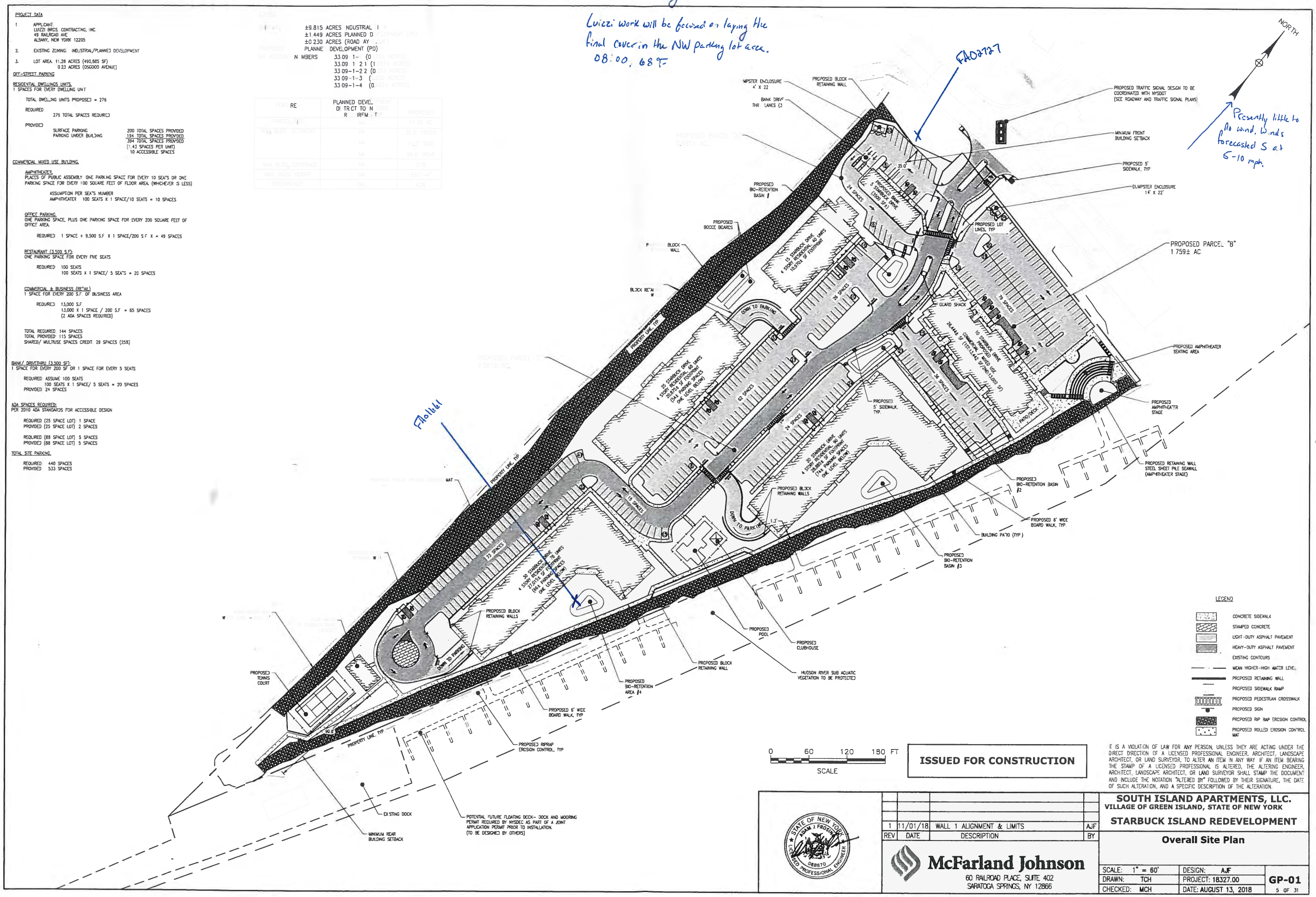

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DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/19/2019

Site retains moisture in select areas but is drying out overall. Current work is primarily located in building 30 interior and exterior, along with multiple Stone (Crusher run) deliveries throughout the day. 07:30, 86°F

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1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

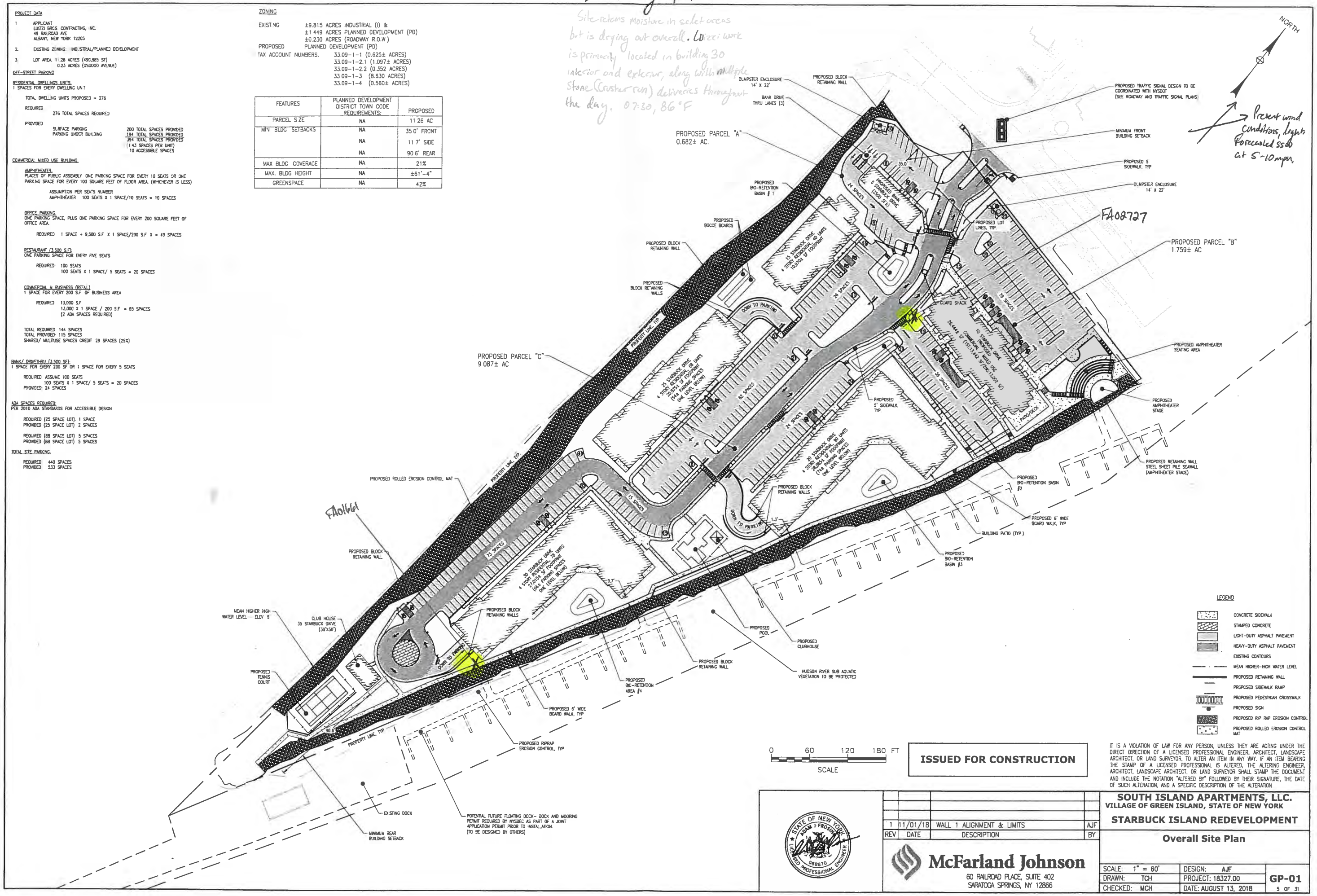
ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED: PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS.
33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION

STATE OF NEW YORK ★ ADAM J. FROSINO ★ 088870 ★ LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/20/2019

Luizzi plans to install demarcation fabric and crusher as part of final cover in the parking lot adjacent building 15. Sea wall block work also planned. 86°00, 82°F

Winds forecasted WSW at 5-10 mph.

PROJECT DATA

1. APPLICANT:
LUIZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSCOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER.
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

TOTAL SITE PARKING.

REQUIRED 440 SPACES
PROVIDED 533 SPACES

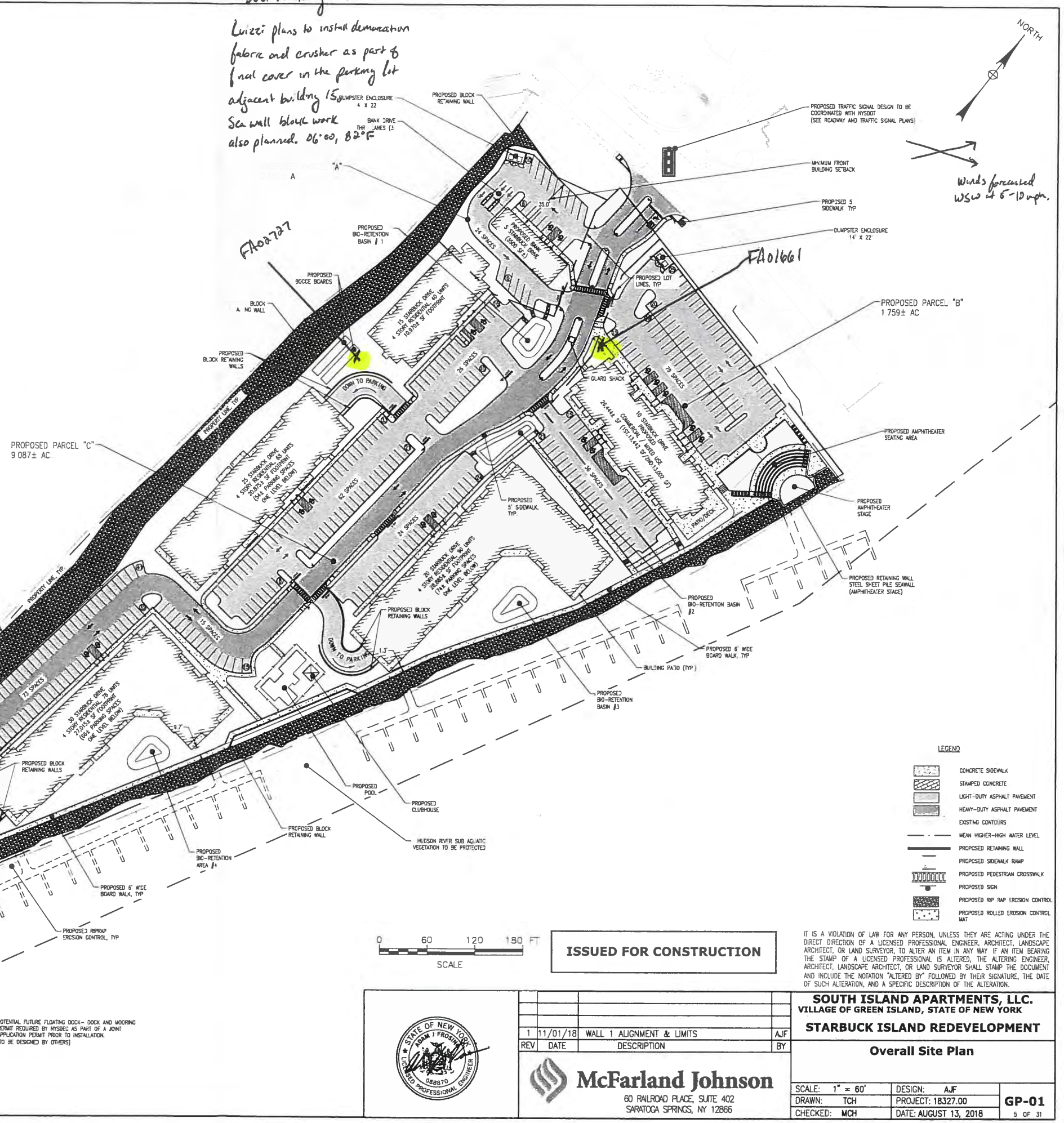
ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROSINO — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/22/2019
Monitors deployed briefly, but AM rain renders them unnecessary.
Total run time = 1 hour
07:30, 71°F

PROJECT DATA

1. APPLICANT
LUCZI BROS CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS.
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
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394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING.

AMPHITHEATER.
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA. (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING.
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F)
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

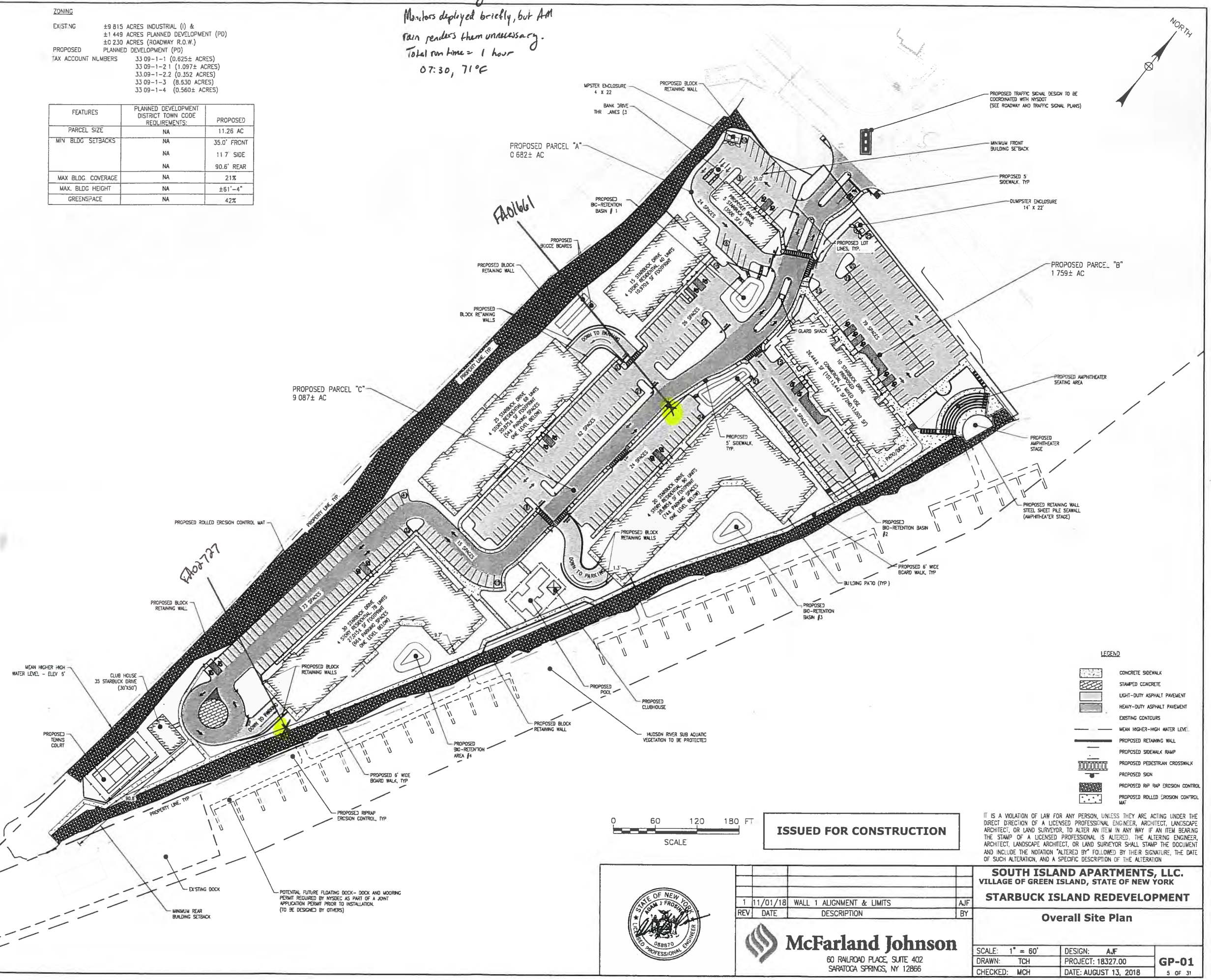
TOTAL SITE PARKING.

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. FROSINO — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/24/2019

PROJECT DATA

1 APPLICANT:
LUTZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (DSG1000 AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED:
276 TOTAL SPACES REQUIRED

PROVIDED:
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER :
AMPHITHEATER : 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED: 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL):
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED: 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED: 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT: 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED: ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED: 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT): 1 SPACE
PROVIDED (25 SPACE LOT): 2 SPACES

REQUIRED (88 SPACE LOT): 5 SPACES
PROVIDED (88 SPACE LOT): 5 SPACES

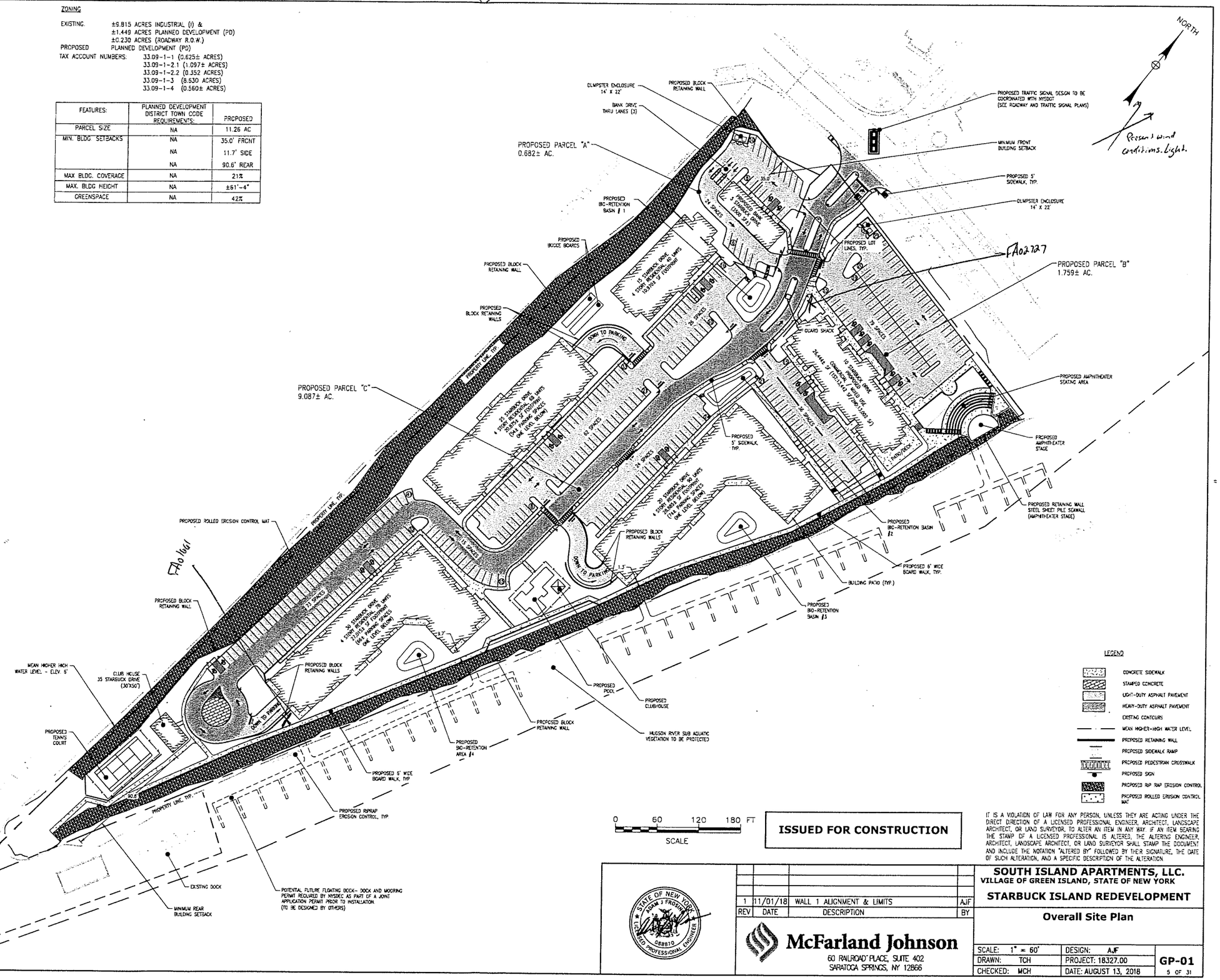
TOTAL SITE PARKING:

REQUIRED: 440 SPACES
PROVIDED: 533 SPACES

ZONING

EXISTING: ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED: PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS: 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES:	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG. COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK — ADAM J. ERGINS — 088870 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

7/25/19 Sunny, 84°F

PROJECT DATA

1. APPLICANT:
LIUZZO BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F.):
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REQUIRED 100 SEATS
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COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

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TOTAL REQUIRED: 144 SPACES
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SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

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REQUIRED: ASSUME 100 SEATS
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ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
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TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
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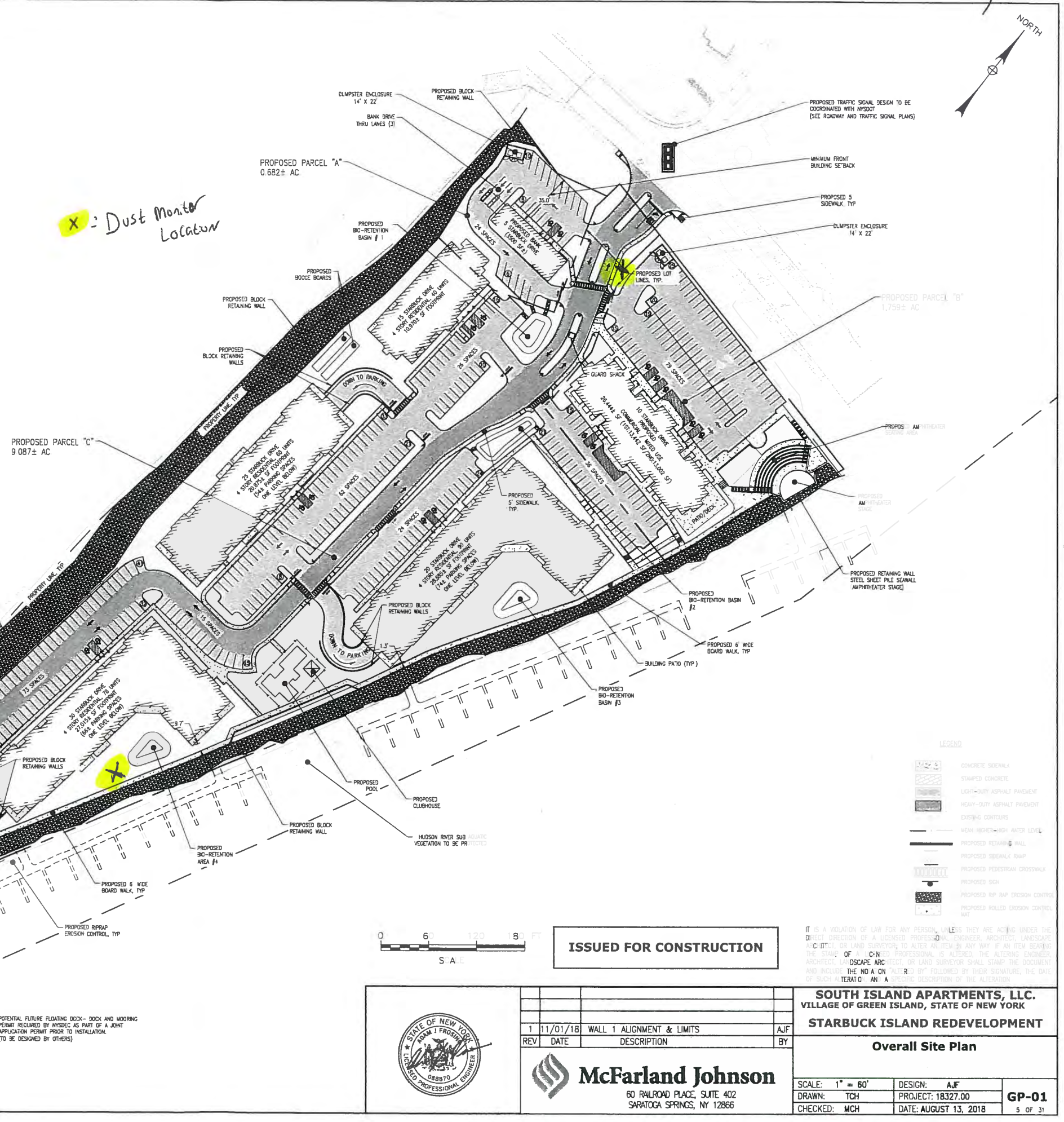
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK ADAM J. FROSINO 088870 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

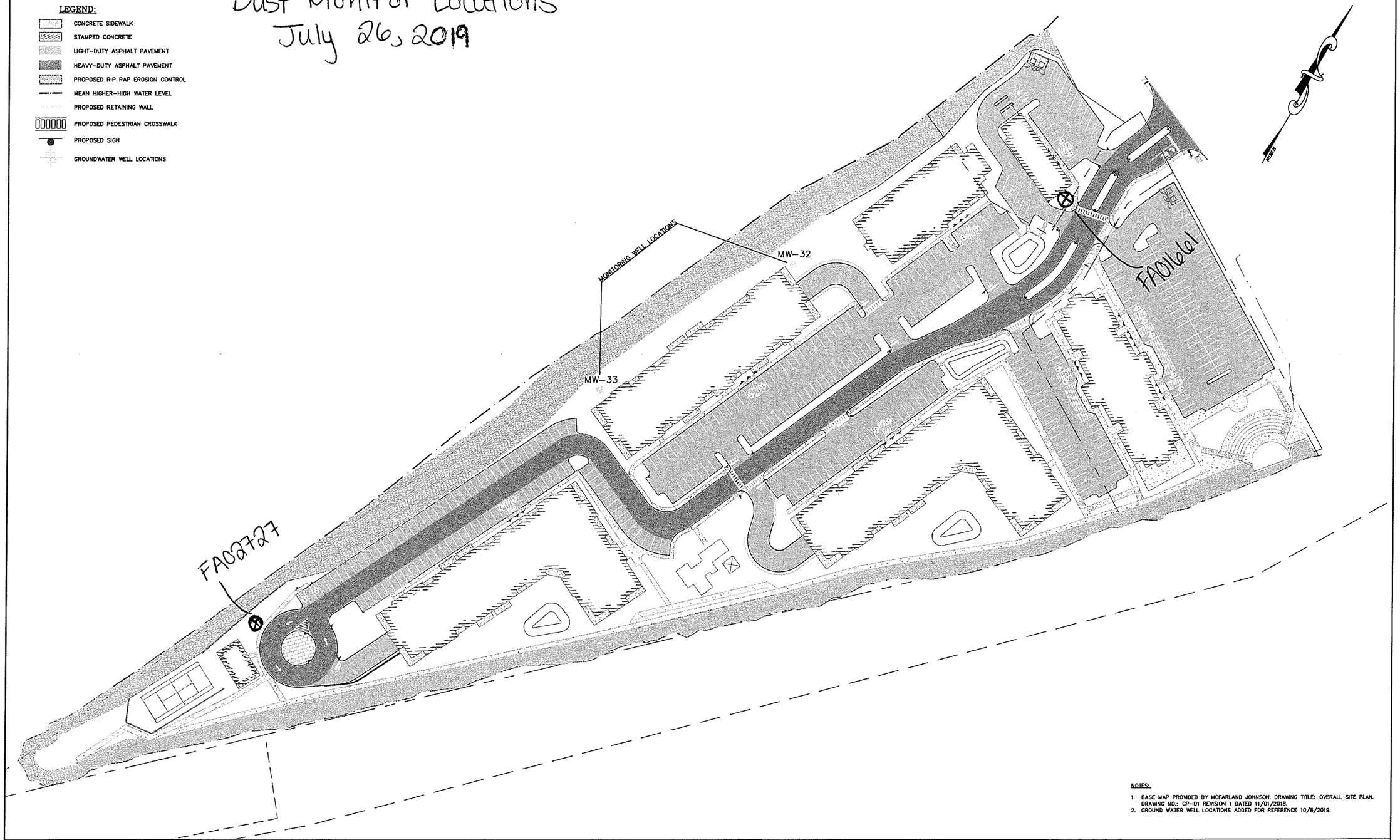
SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK
STARBUCK ISLAND REDEVELOPMENT
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01	
DRAWN: TCH	PROJECT: 18327.00		
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitor Locations
July 26, 2019

LEGEND:

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- PROPOSED RIP RAP EROSION CONTROL
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- GROUNDWATER WELL LOCATIONS



NOTES:

1. BASE MAP PROVIDED BY MCFARLAND JOHNSON. DRAWING TITLE: OVERALL SITE PLAN. DRAWING NO.: GP-01 REVISION 1 DATED 11/01/2018.
2. GROUND WATER WELL LOCATIONS ADDED FOR REFERENCE 10/8/2019.

ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING PLLC
349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P:518.453.2203
F:518.453.2204

W.O. No.	REVISION	DATE	APR.
2	SOUTHERN RIPRAP REVISED	12/18	RF
1	WELL LABELS REVISED	11/18	RF

FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
STARBUCK DRIVE
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

Well Locations

SCALE: NTS | DRAWING #: R-3 | SHEET: 1 | REV. #: 2

Dust Monitoring 7/29/2019

Site moisture burns off by 9:30 and soils are predominately dry.

77°F, 9:30.

FA08727

PROJECT DATA

1. APPLICANT
LUCZI BROS. CONTRACTING, INC
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA 11.26 ACRES (490,585 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING — 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING — 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVE-THRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

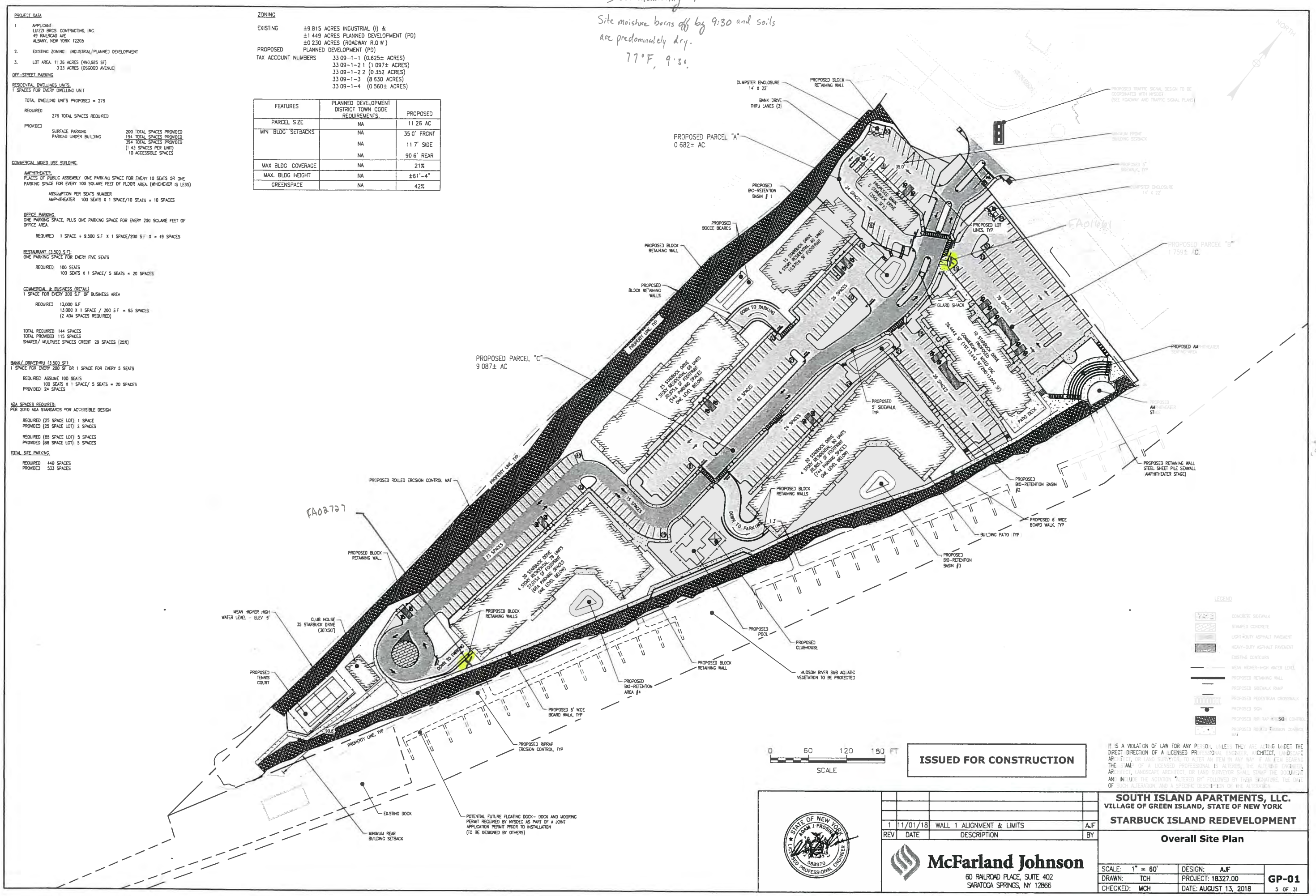
ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)

PROPOSED PLANNED DEVELOPMENT (PD)

TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.630 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK — JOANN J. FROSINO — 088910 — LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE:	1" = 60'	DESIGN: AJF	GP-01
DRAWN:	TCH	PROJECT: 18327.00	
CHECKED:	MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring 7/30/2019

Site soils are dry. Electrical conduit work to be conducted in the middle of the site today 72°F, 7:30.

FA01661

FA00787

PROJECT DATA

1 APPLICANT
LUZZI BROS. CONTRACTING, INC
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2 EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,685 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 275

REQUIRED
275 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY: ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA (WHICHEVER IS LESS)

ASSUMPTION PER SEATS NUMBER
AMPHITHEATER 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F. X 1 SPACE/200 S.F. X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED 100 SEATS
100 SEATS x 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F. OF BUSINESS AREA

REQUIRED 13,000 S.F.
13,000 X 1 SPACE / 200 S.F. = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVE-THRU (3,500 SF):
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

REQUIRED ASSUME 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES
PROVIDED 24 SPACES

ADA SPACES REQUIRED:
PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
PROVIDED (88 SPACE LOT) 5 SPACES

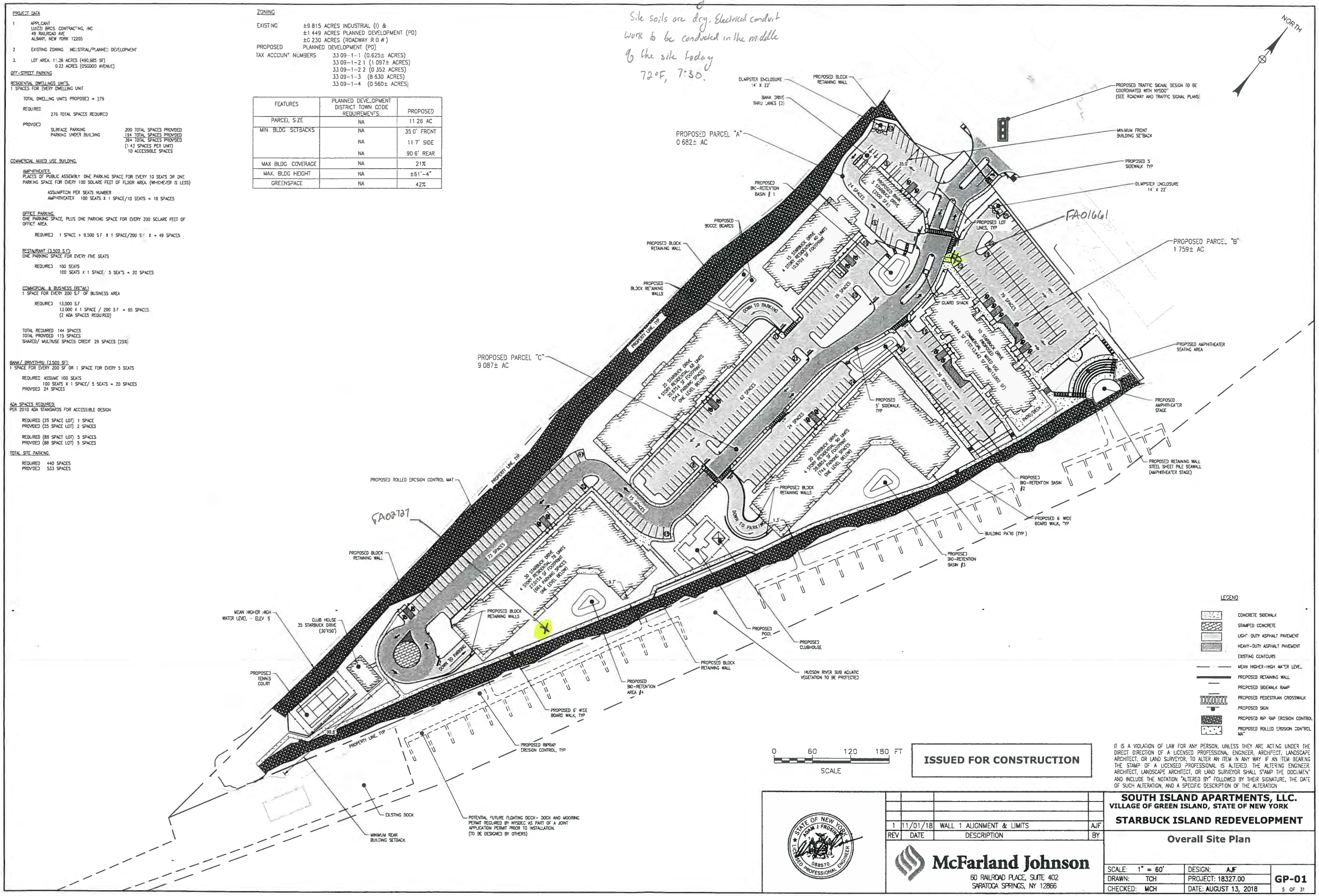
TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

ZONING

EXISTING ±9.815 ACRES INDUSTRIAL (I) &
±1.449 ACRES PLANNED DEVELOPMENT (PD)
±0.230 ACRES (ROADWAY R.O.W.)
PROPOSED PLANNED DEVELOPMENT (PD)
TAX ACCOUNT NUMBERS 33.09-1-1 (0.625± ACRES)
33.09-1-2.1 (1.097± ACRES)
33.09-1-2.2 (0.352 ACRES)
33.09-1-3 (8.530 ACRES)
33.09-1-4 (0.560± ACRES)

FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS:	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG. SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX. BLDG. COVERAGE	NA	21%
MAX. BLDG. HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED SIDEWALK RAMP
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- PROPOSED RIP RAP EROSION CONTROL
- PROPOSED ROLLED EROSION CONTROL MAT

0 60 120 180 FT
SCALE

ISSUED FOR CONSTRUCTION

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STATE OF NEW YORK ADAM J. FROSCH LICENSED PROFESSIONAL ENGINEER 088870

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF		
DRAWN: TCH	PROJECT: 18327.00	GP-01	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31	

Dust Monitoring 8/1/2019

Overall the site is dry. Luzzi focuses work on finishing building 30 - backfilling and cleaning up behind concrete work.

68°F, 7:30

PROJECT DATA

1. APPLICANT
LUZZI BROS. CONTRACTING, INC.
49 RAILROAD AVE
ALBANY, NEW YORK 12205

2. EXISTING ZONING: INDUSTRIAL/PLANNED DEVELOPMENT

3. LOT AREA: 11.26 ACRES (490,685 SF)
0.23 ACRES (OSGOOD AVENUE)

OFF-STREET PARKING

RESIDENTIAL DWELLINGS UNITS:
1 SPACES FOR EVERY DWELLING UNIT

TOTAL DWELLING UNITS PROPOSED = 276

REQUIRED
276 TOTAL SPACES REQUIRED

PROVIDED
SURFACE PARKING 200 TOTAL SPACES PROVIDED
PARKING UNDER BUILDING 194 TOTAL SPACES PROVIDED
394 TOTAL SPACES PROVIDED
(1.43 SPACES PER UNIT)
10 ACCESSIBLE SPACES

COMMERCIAL MIXED USE BUILDING:

AMPHITHEATER:
PLACES OF PUBLIC ASSEMBLY ONE PARKING SPACE FOR EVERY 10 SEATS OR ONE PARKING SPACE FOR EVERY 100 SQUARE FEET OF FLOOR AREA, (WHICHEVER IS LESS)

ASSUMPTION PER SEAT'S NUMBER
AMPHITHEATER - 100 SEATS X 1 SPACE/10 SEATS = 10 SPACES

OFFICE PARKING:
ONE PARKING SPACE, PLUS ONE PARKING SPACE FOR EVERY 200 SQUARE FEET OF OFFICE AREA.

REQUIRED 1 SPACE + 9,500 S.F X 1 SPACE/200 S.F X = 49 SPACES

RESTAURANT (3,500 S.F):
ONE PARKING SPACE FOR EVERY FIVE SEATS

REQUIRED: 100 SEATS
100 SEATS X 1 SPACE/ 5 SEATS = 20 SPACES

COMMERCIAL & BUSINESS (RETAIL)
1 SPACE FOR EVERY 200 S.F OF BUSINESS AREA

REQUIRED 13,000 S.F
13,000 X 1 SPACE / 200 S.F = 65 SPACES
(2 ADA SPACES REQUIRED)

TOTAL REQUIRED: 144 SPACES
TOTAL PROVIDED 115 SPACES
SHARED/ MULTIUSE SPACES CREDIT 29 SPACES (25%)

BANK/ DRIVETHRU (3,500 SF)
1 SPACE FOR EVERY 200 SF OR 1 SPACE FOR EVERY 5 SEATS

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PER 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

REQUIRED (25 SPACE LOT) 1 SPACE
PROVIDED (25 SPACE LOT) 2 SPACES

REQUIRED (88 SPACE LOT) 5 SPACES
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TOTAL SITE PARKING:

REQUIRED 440 SPACES
PROVIDED 533 SPACES

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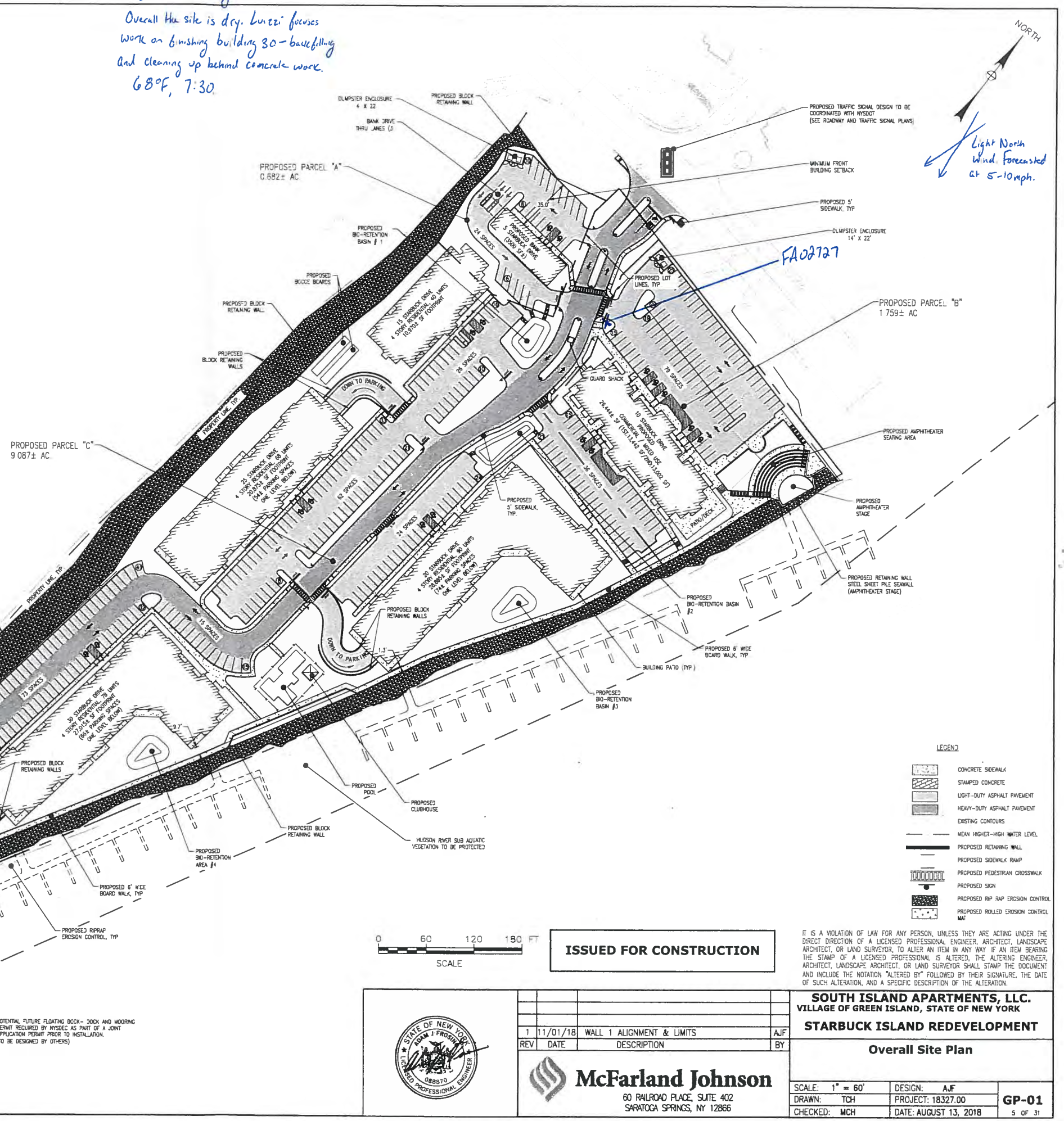
FEATURES	PLANNED DEVELOPMENT DISTRICT TOWN CODE REQUIREMENTS.	PROPOSED
PARCEL SIZE	NA	11.26 AC
MIN. BLDG SETBACKS	NA	35.0' FRONT
	NA	11.7' SIDE
	NA	90.6' REAR
MAX BLDG COVERAGE	NA	21%
MAX. BLDG HEIGHT	NA	±61'-4"
GREENSPACE	NA	42%



0 60 120 180 FT
SCALE

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STATE OF NEW YORK · ADAM J. FROSINO · 088870 · LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY
1	11/01/18	WALL 1 ALIGNMENT & LIMITS	AJF

McFarland Johnson
60 RAILROAD PLACE, SUITE 402
SARATOGA SPRINGS, NY 12866

SOUTH ISLAND APARTMENTS, LLC.
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

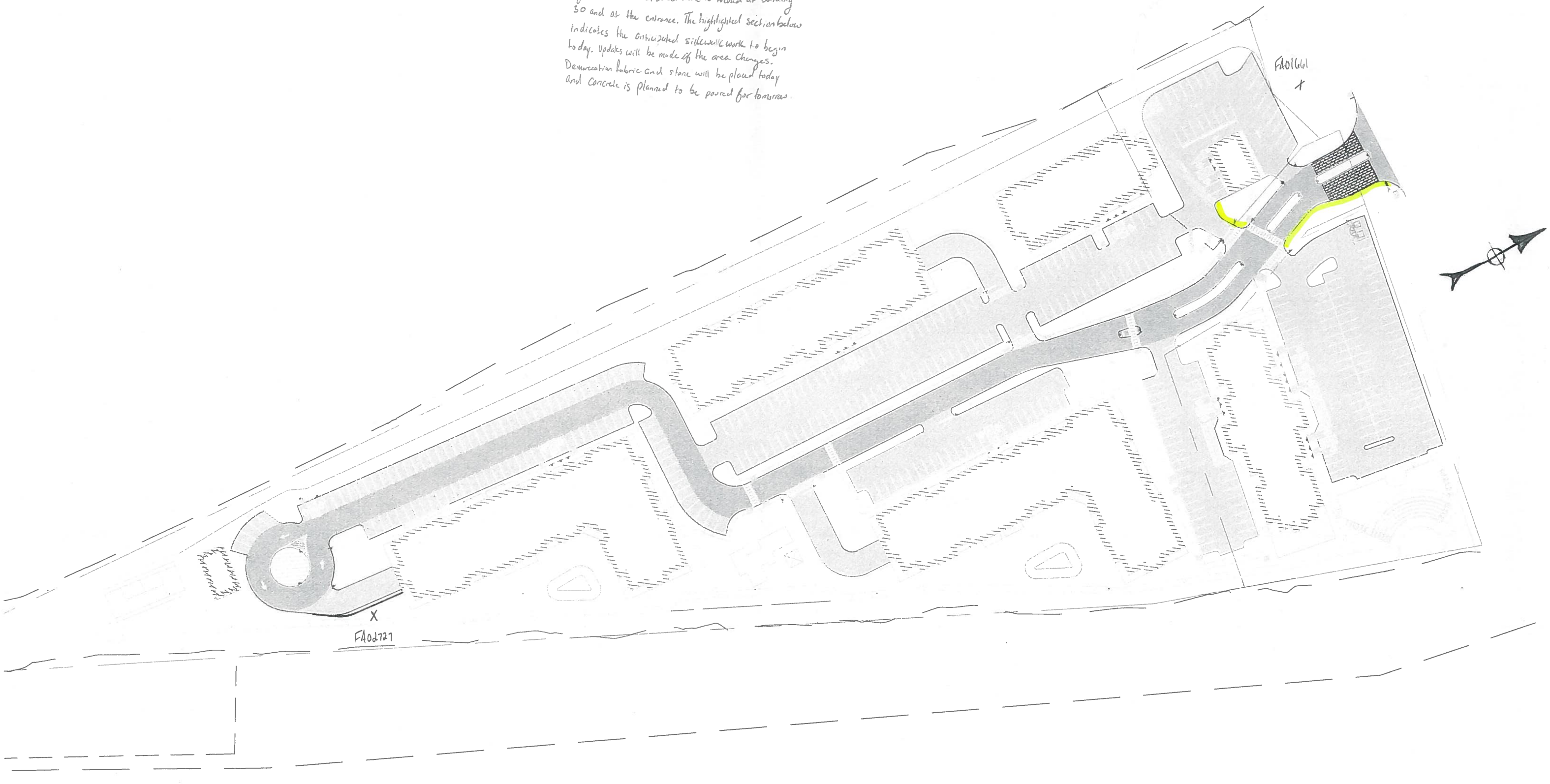
Overall Site Plan

SCALE: 1" = 60'	DESIGN: AJF	GP-01
DRAWN: TCH	PROJECT: 18327.00	
CHECKED: MCH	DATE: AUGUST 13, 2018	5 OF 31

Dust Monitoring and Final Cover Work

August 2, 2019

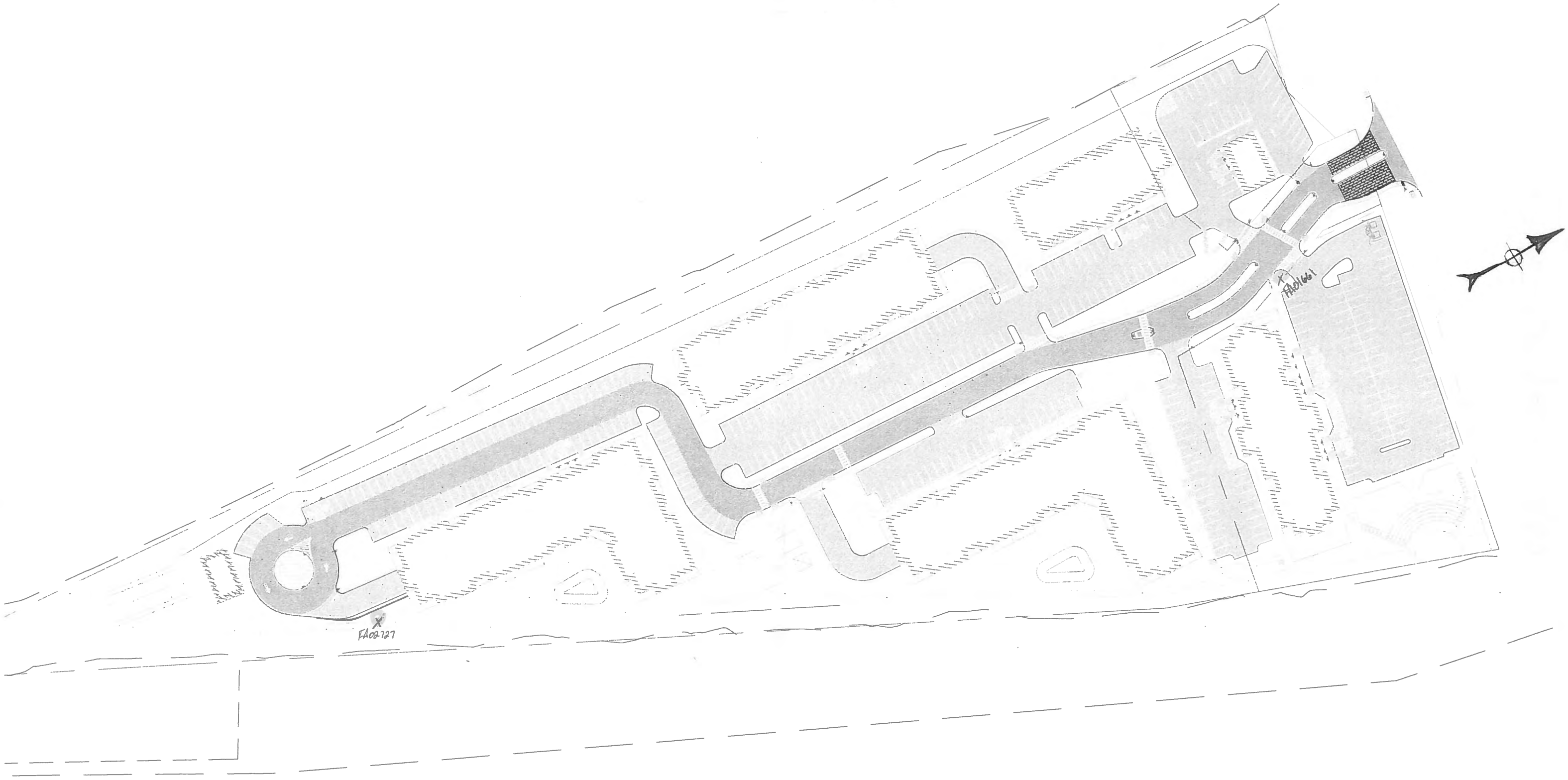
Site is dry, PM rain expected. Winds forecasted as light and variable. Luzzi work is focused at building 30 and at the entrance. The highlighted section below indicates the anticipated sidewalk work to begin today. Updates will be made if the area changes. Demarcation fabric and stone will be placed today and concrete is planned to be poured for tomorrow.



Dust Monitoring 8/5/2019

Site is dry despite weekend rain. Luizi primarily focused on finishing up building 30.

Winds forecasted as light and variable, 64°F

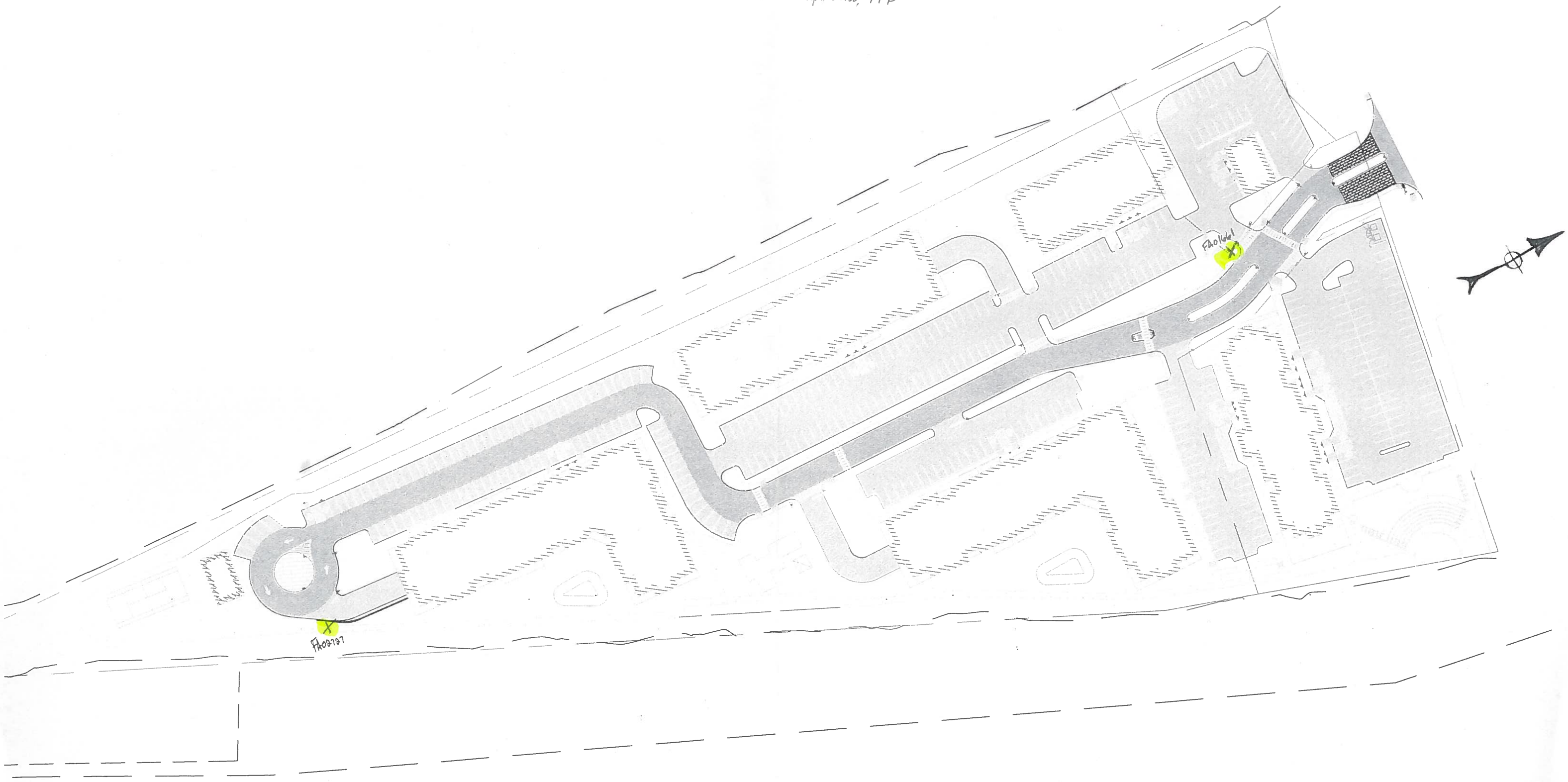


Dust Monitoring 8/6/2019

Site is dry with PM thunderstorms threatening.

Lviizi is primarily focused on finishing grading and vapor mitigation pipe installation within building 30.

A South wind is forecasted at 5-10 mph. 07:30, 74°F



8/12/14

Sunny 86°F

PROJECT DATA

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49 RAILROAD AVE
ALBANY, NEW YORK 12205

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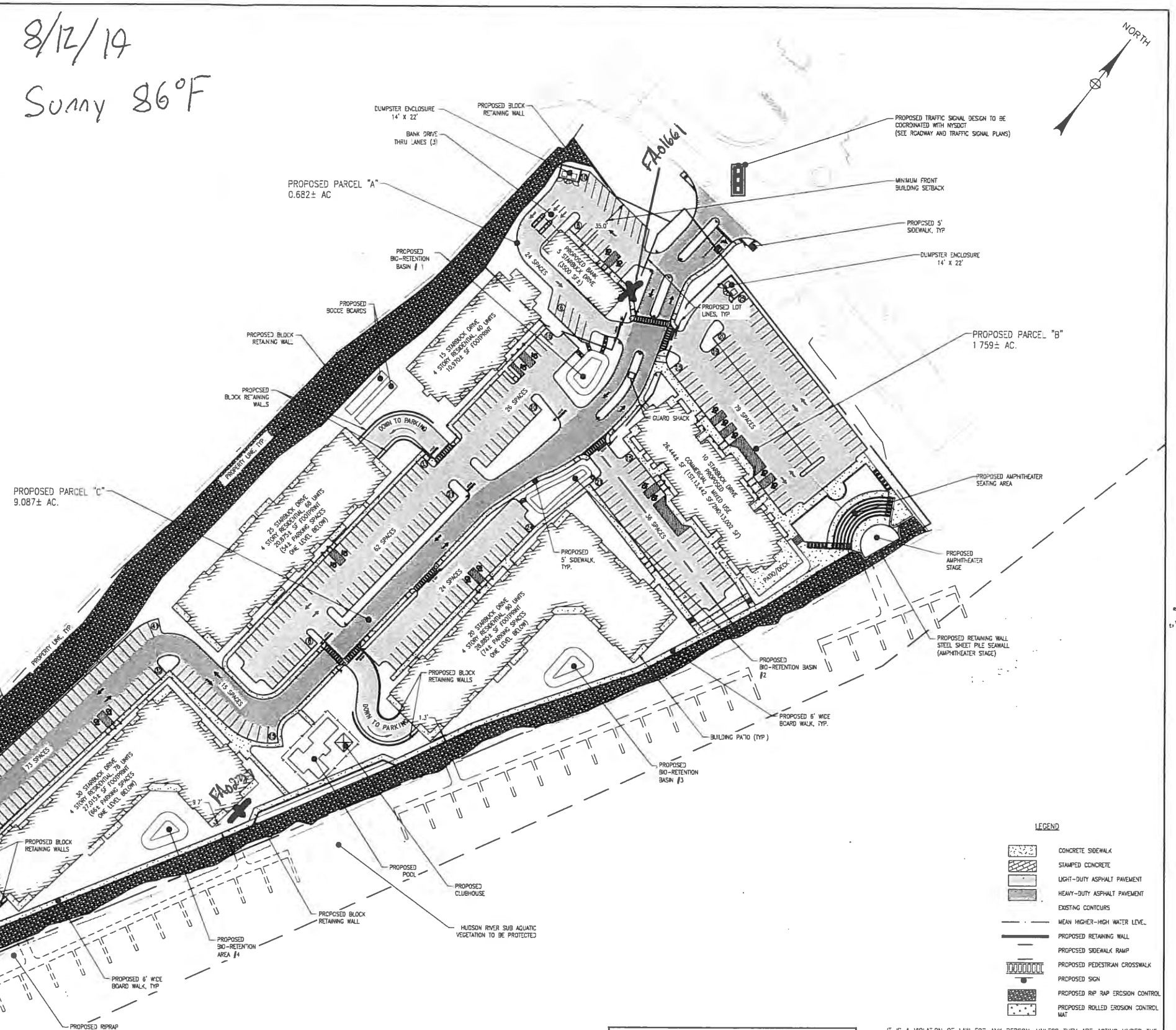

LEGEND

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- EXISTING CONTOURS
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STATE OF NEW YORK · JOAN I. FROSINI · 088870 · LICENSED PROFESSIONAL ENGINEER

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STARBUCK ISLAND REDEVELOPMENT

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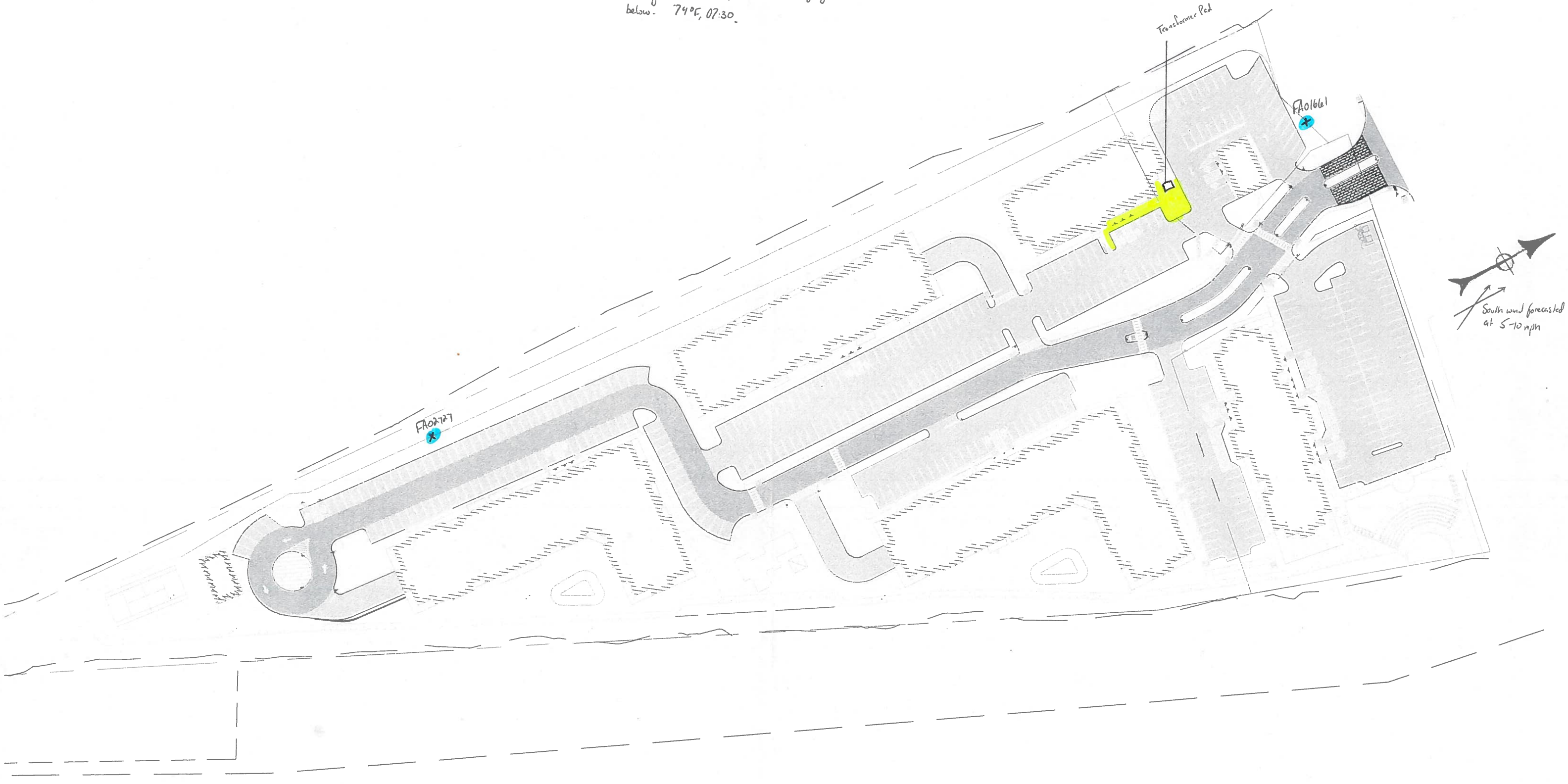
CHECKED: MCH	DATE: AUGUST 13, 2018		5 OF 31

Dust Monitoring 8/13/2019
Primary activities include backfilling bldg 30 and preparing sidewalks and green spaces adjacent building 15. Extent of final cover work highlighted below. 74°F, 07:30.

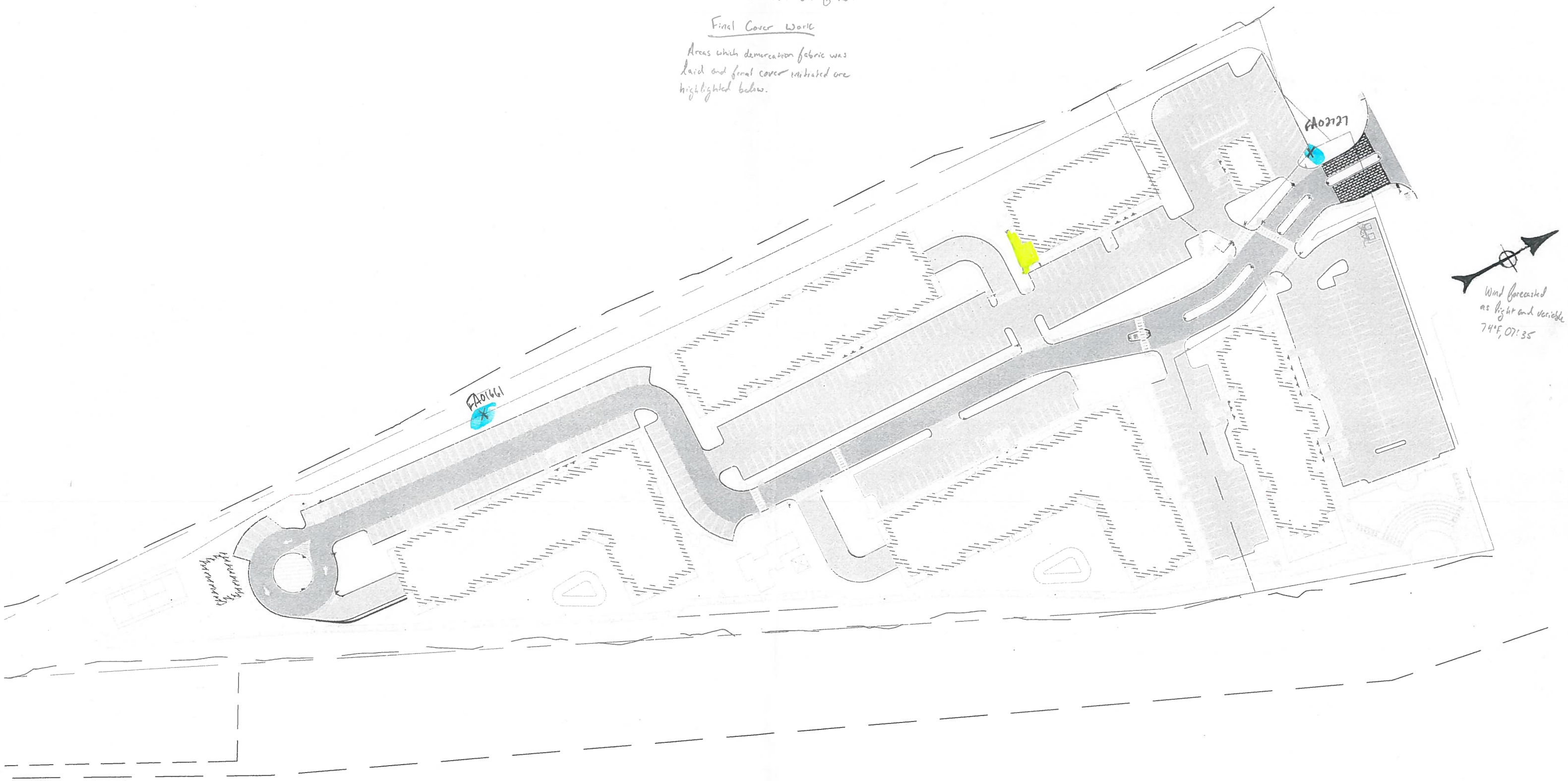


August 15, 2019

Site retains some moisture, but is mainly dry. Work continues on the East Side of building 30 and within curbed island sections on the North end of the site.

Final Cover Work

Areas which demarcation fabric was laid and final cover initiated are highlighted below.



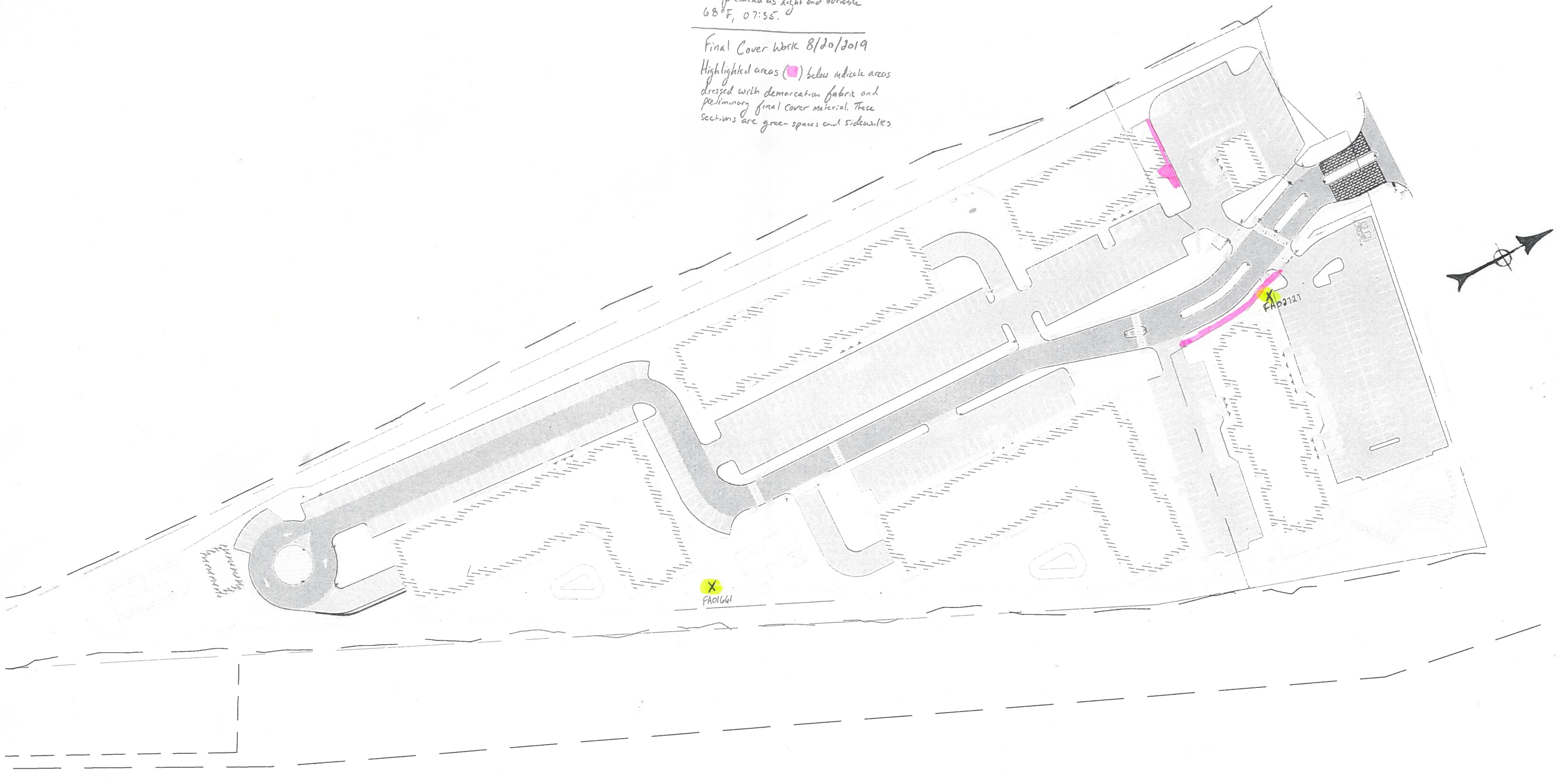
Wind forecasted as light and variable 74°F, 07:35

Dust Monitoring 8/20/2019

Luizzi is focusing on pulling together green spaces and sidewalk areas within the N-NW section of the site.
Winds forecasted as light and variable
68°F, 07:55.

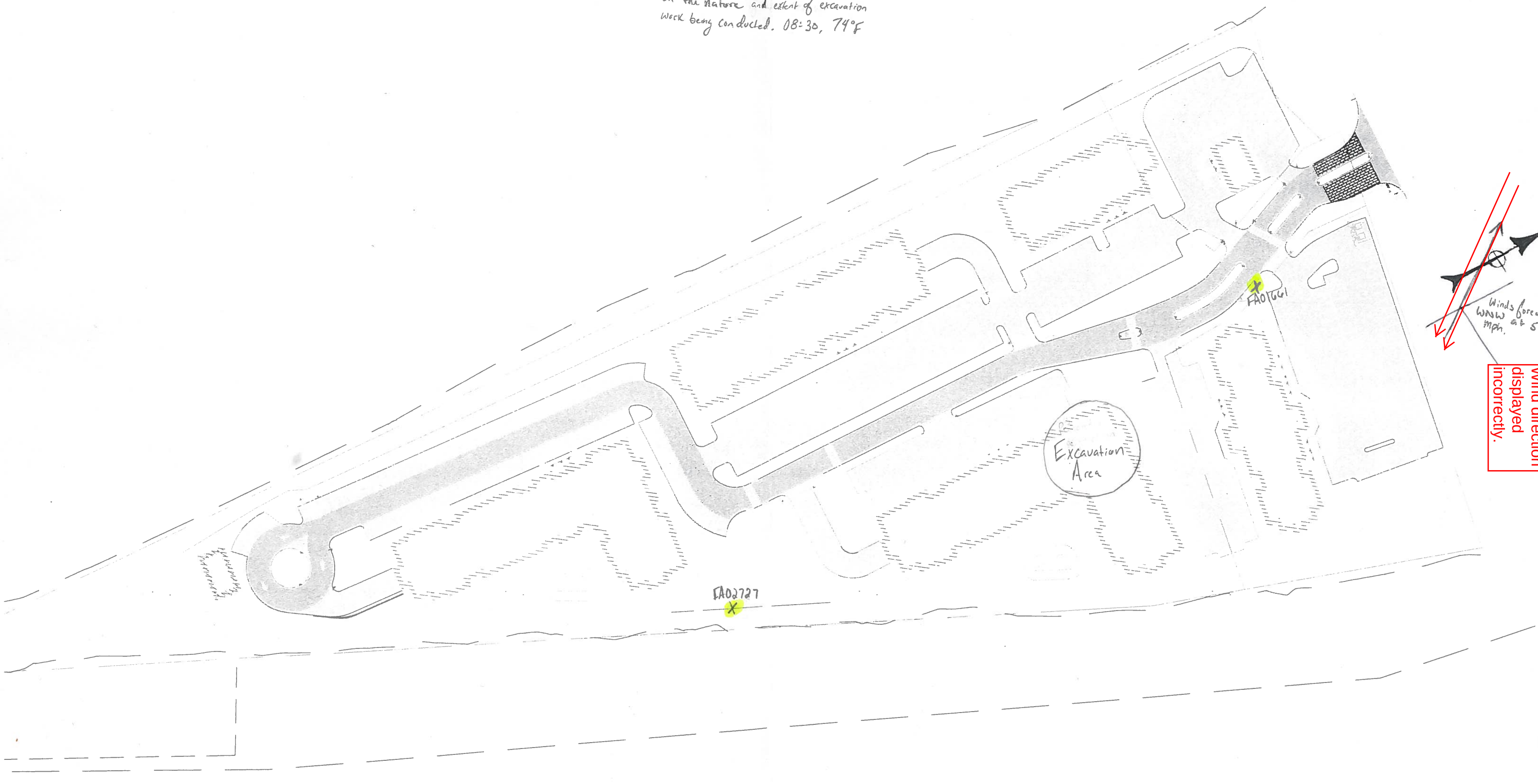
Final Cover Work 8/20/2019

Highlighted areas (■) below indicate areas dressed with demarcation fabric and preliminary final cover material. These sections are green spaces and sidewalks



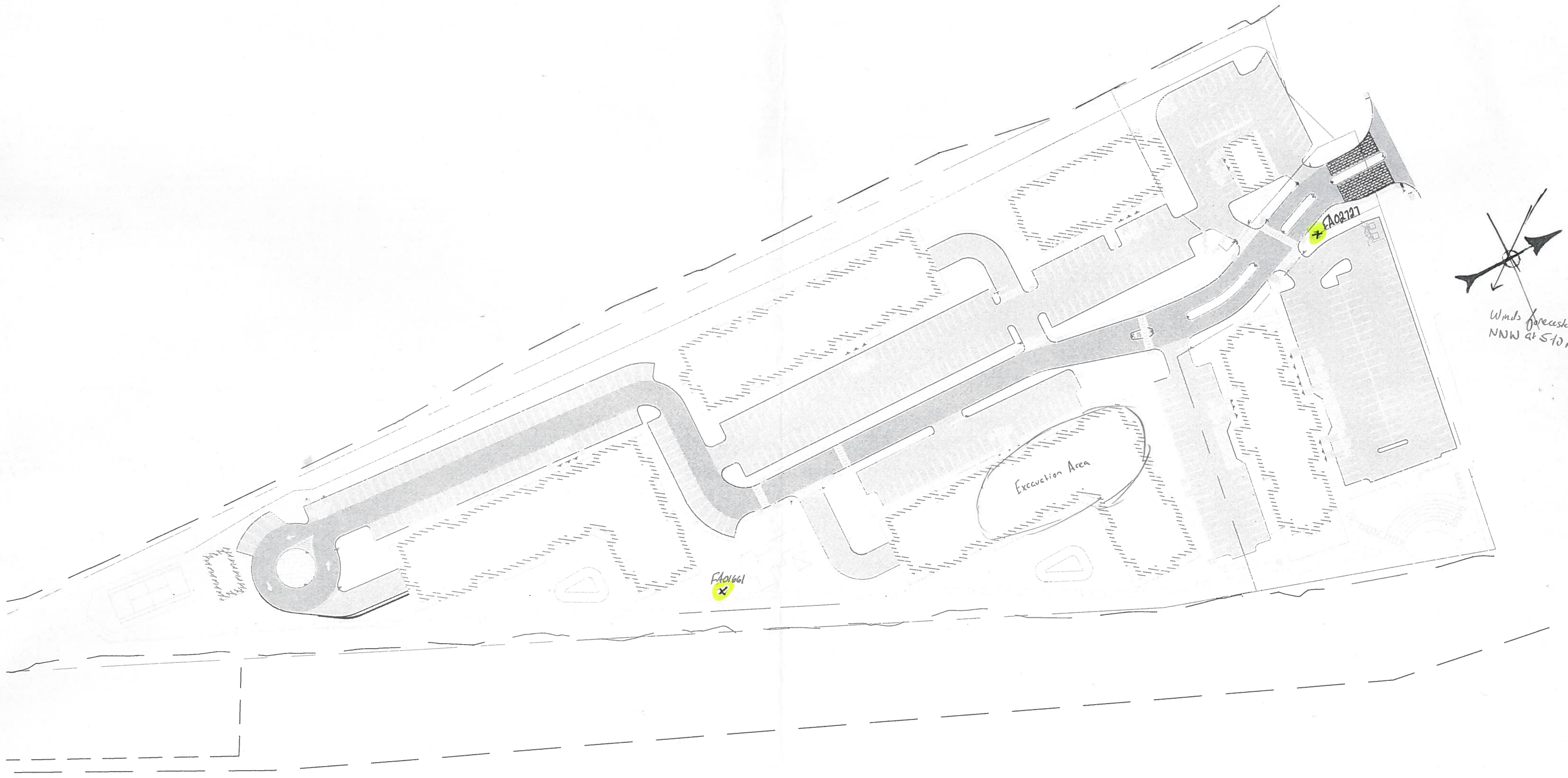
Dust Monitoring 8/22/2019

Monitors deployed despite wet site conditions. Deployment decision based on the nature and extent of excavation work being conducted. 08:30, 74°F



Dust Monitoring 8/23/2019

Luizzi continues to excavate for building 20 - depositing excavated materials around the site. 07:35, 65°F

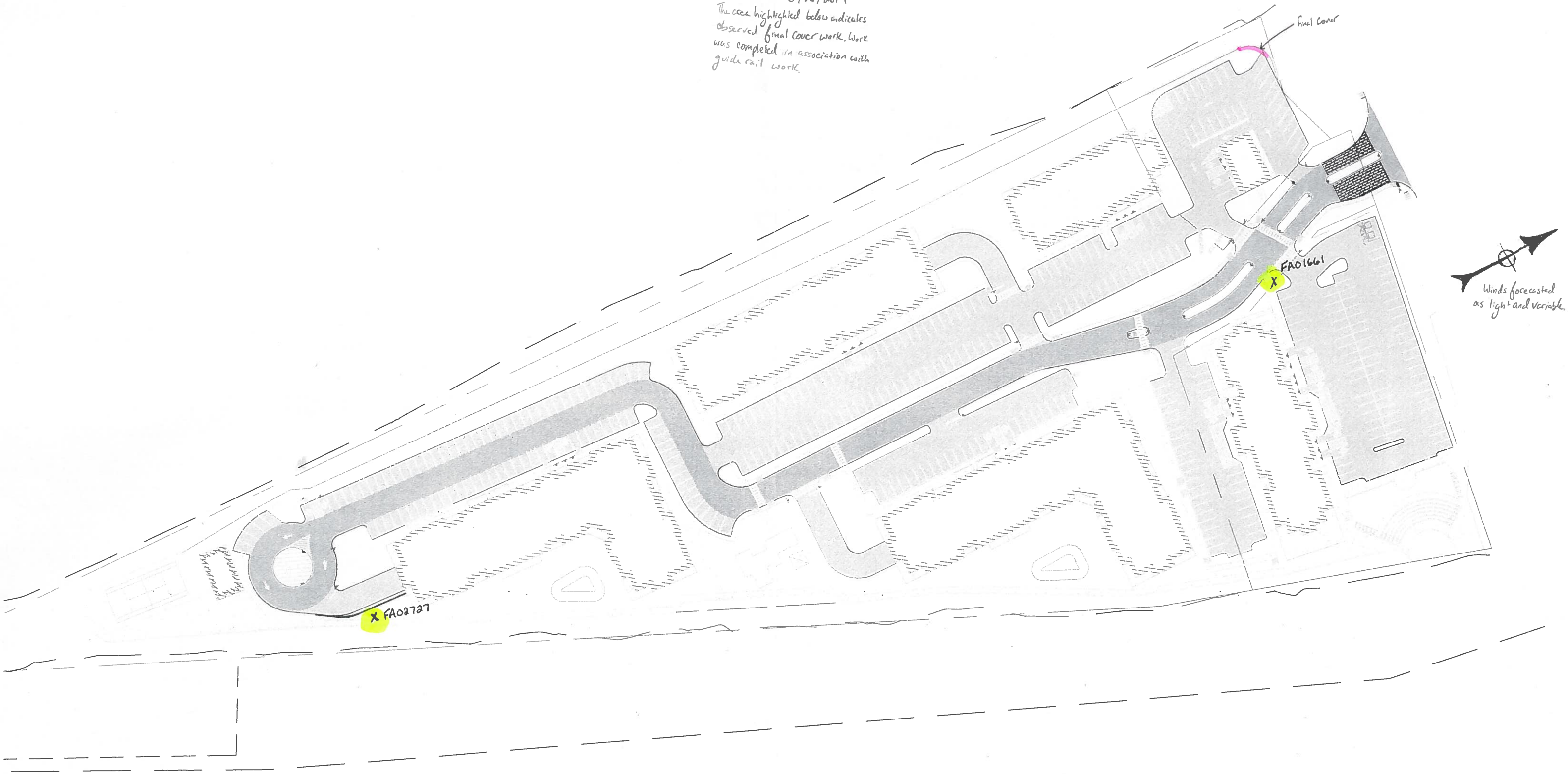


Dust Monitoring 8/26/2019

Luizzi presently caters to on site Contractors for odds and ends predominately near building 15.

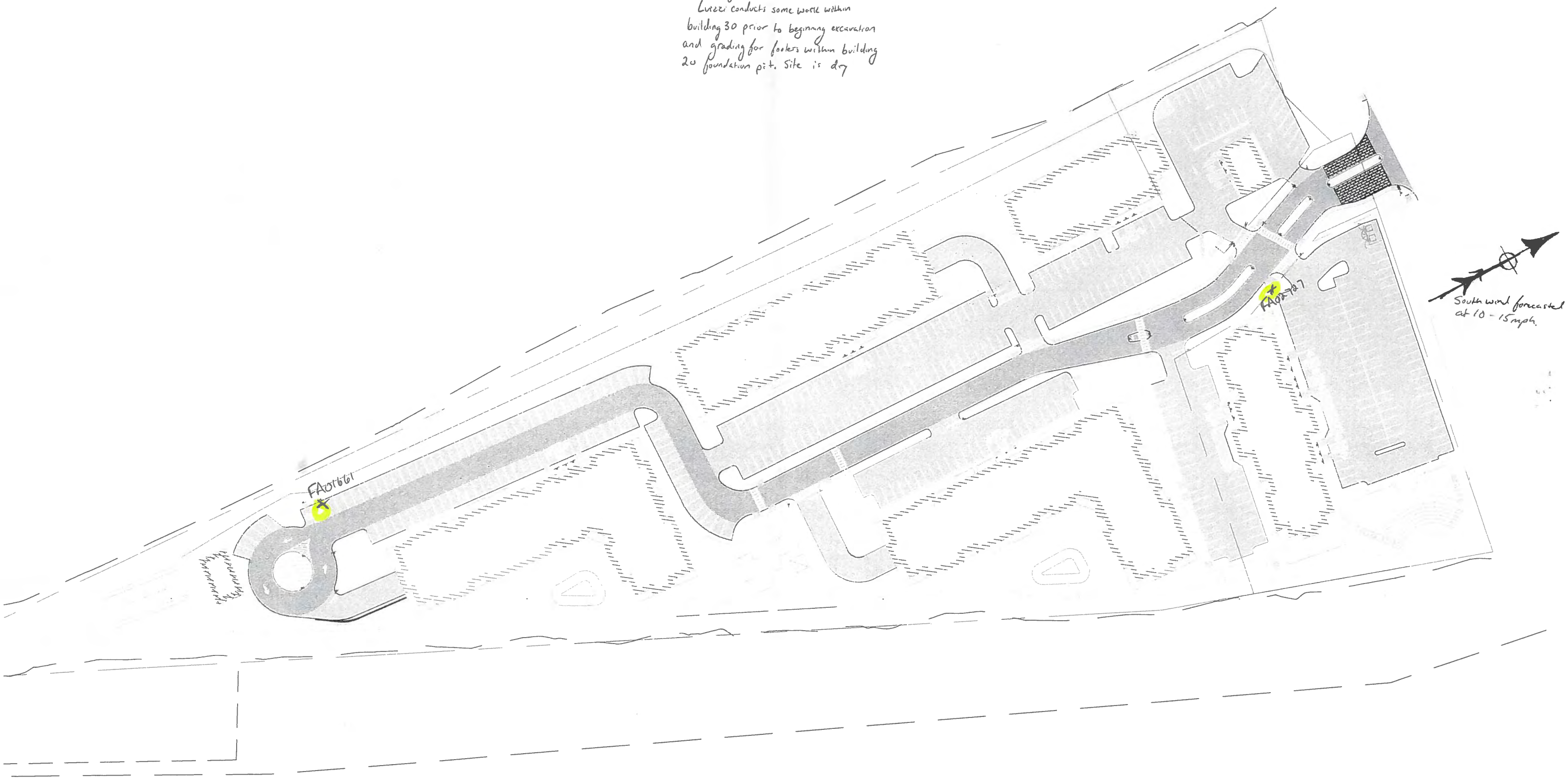
Final Cover 8/26/2019

The area highlighted below indicates observed final cover work. Work was completed in association with guide rail work.



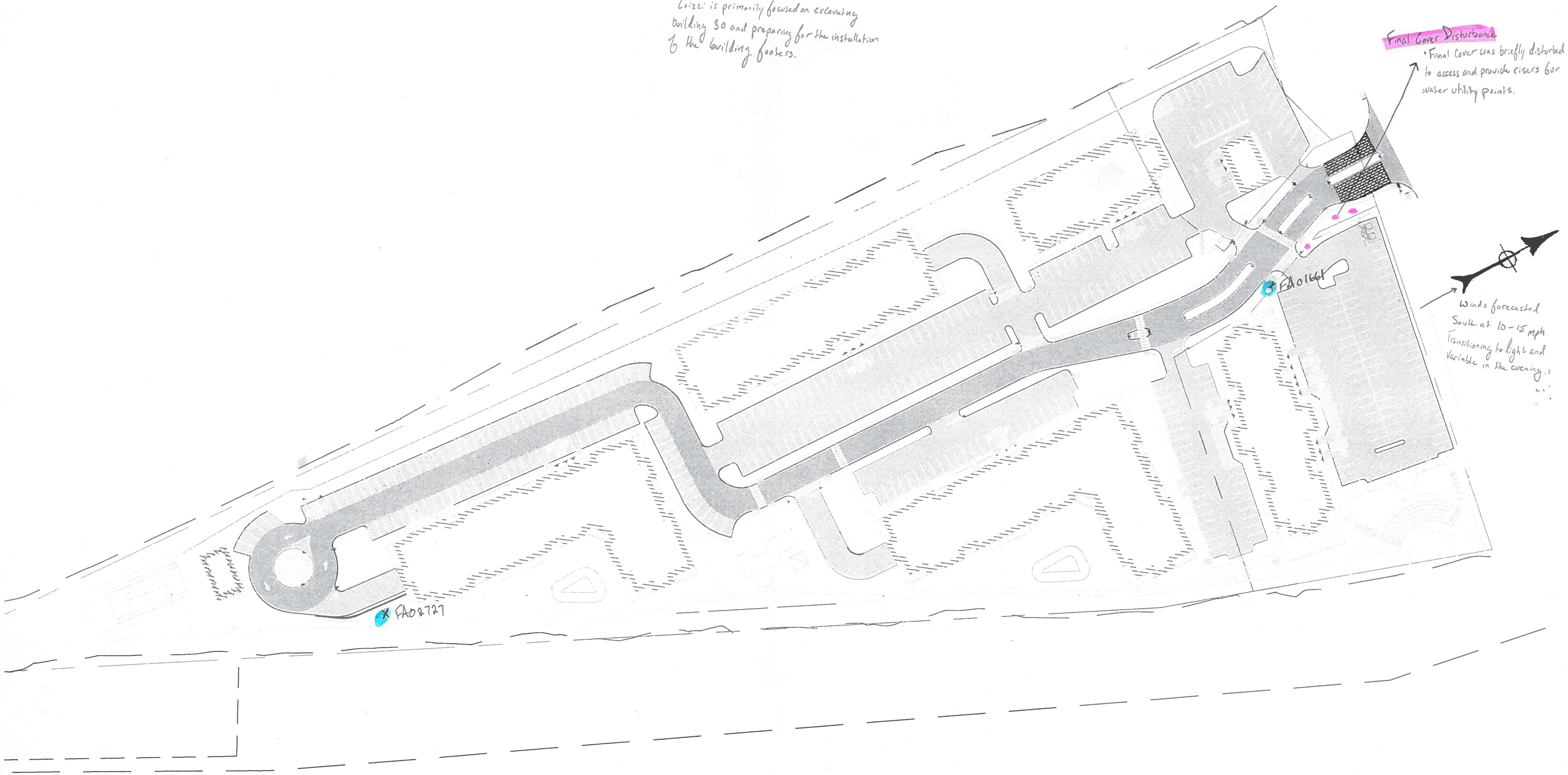
Dust Monitoring
August 27, 2019

Lizzi conducts some work within building 30 prior to beginning excavation and grading for footers within building 20 foundation pit. Site is dry

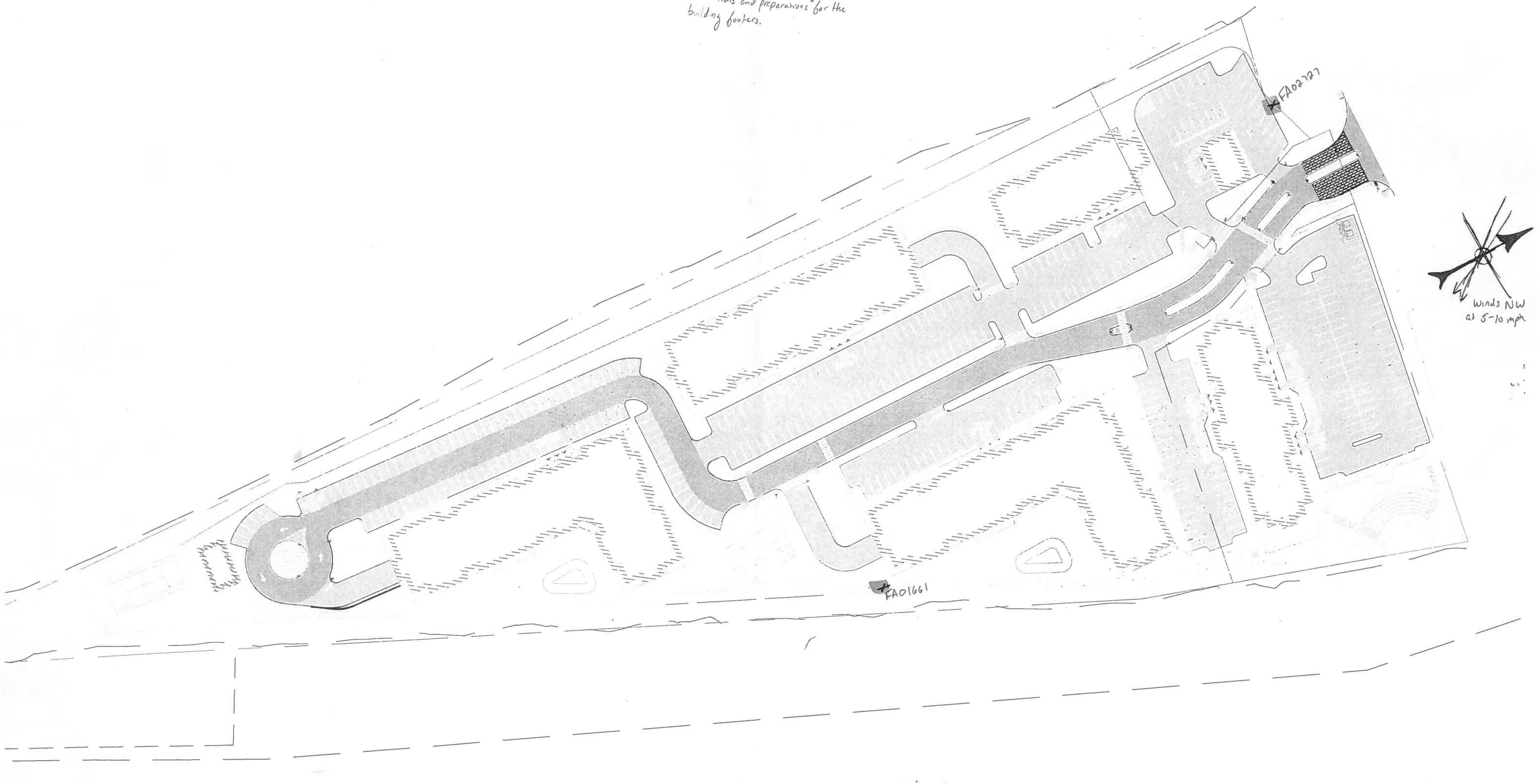


Dust Monitoring
August 28, 2019

Lizzi is primarily focused on excavating building 30 and preparing for the installation of the building footers.



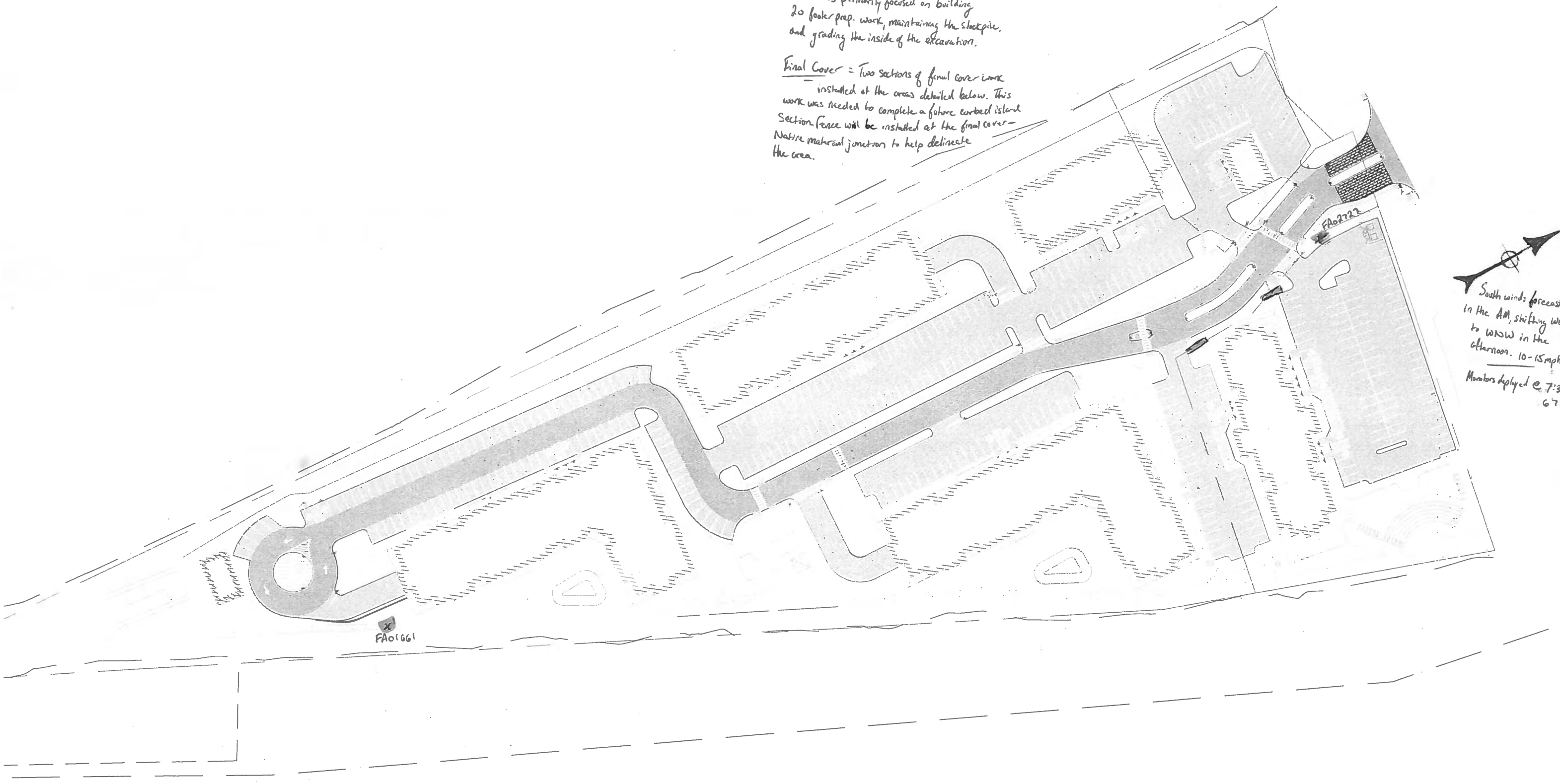
Dust Monitoring 8/29/2019
Luizzi is focused on building 20 excavations and preparations for the building footers.



August 30, 2019

Site is dry - dust monitors deployed.
Luizzi is primarily focused on building 20 footer prep. work, maintaining the stockpile, and grading the inside of the excavation.

Final Cover = Two sections of final cover work installed at the areas detailed below. This work was needed to complete a future curbed island Section. Fence will be installed at the final cover - Native material junction to help delineate the area.



South winds forecasted in the AM, shifting west to WNW in the afternoon. 10-15mph.

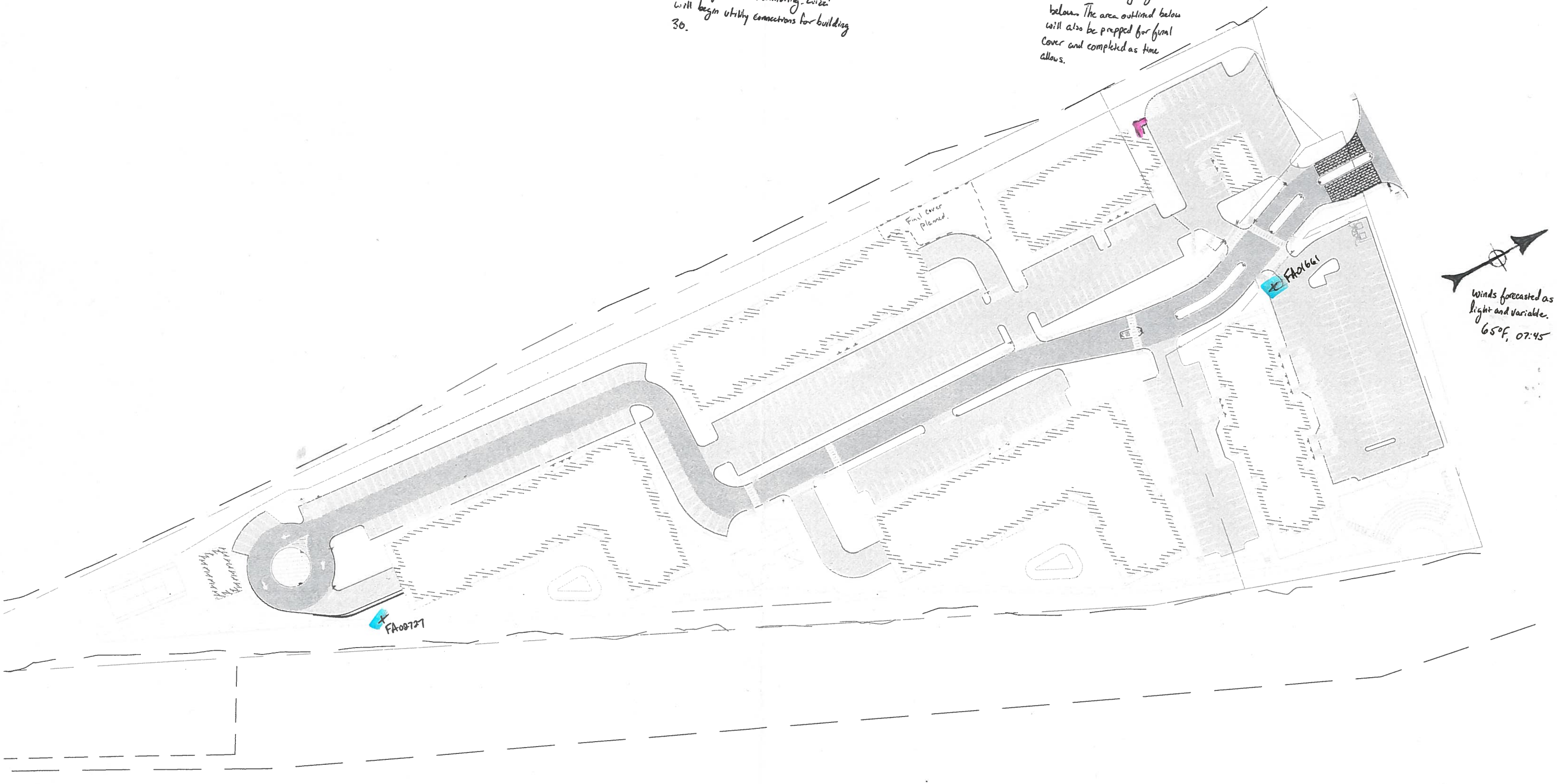
Monitors deployed @ 7:35
67°F

Dust Monitoring 9/3/2019

Site is damp from recent rains, but the size of the central site stockpile encourages dust monitoring. Luizi will begin utility connections for building 30.

Final Cover 9/3/2019

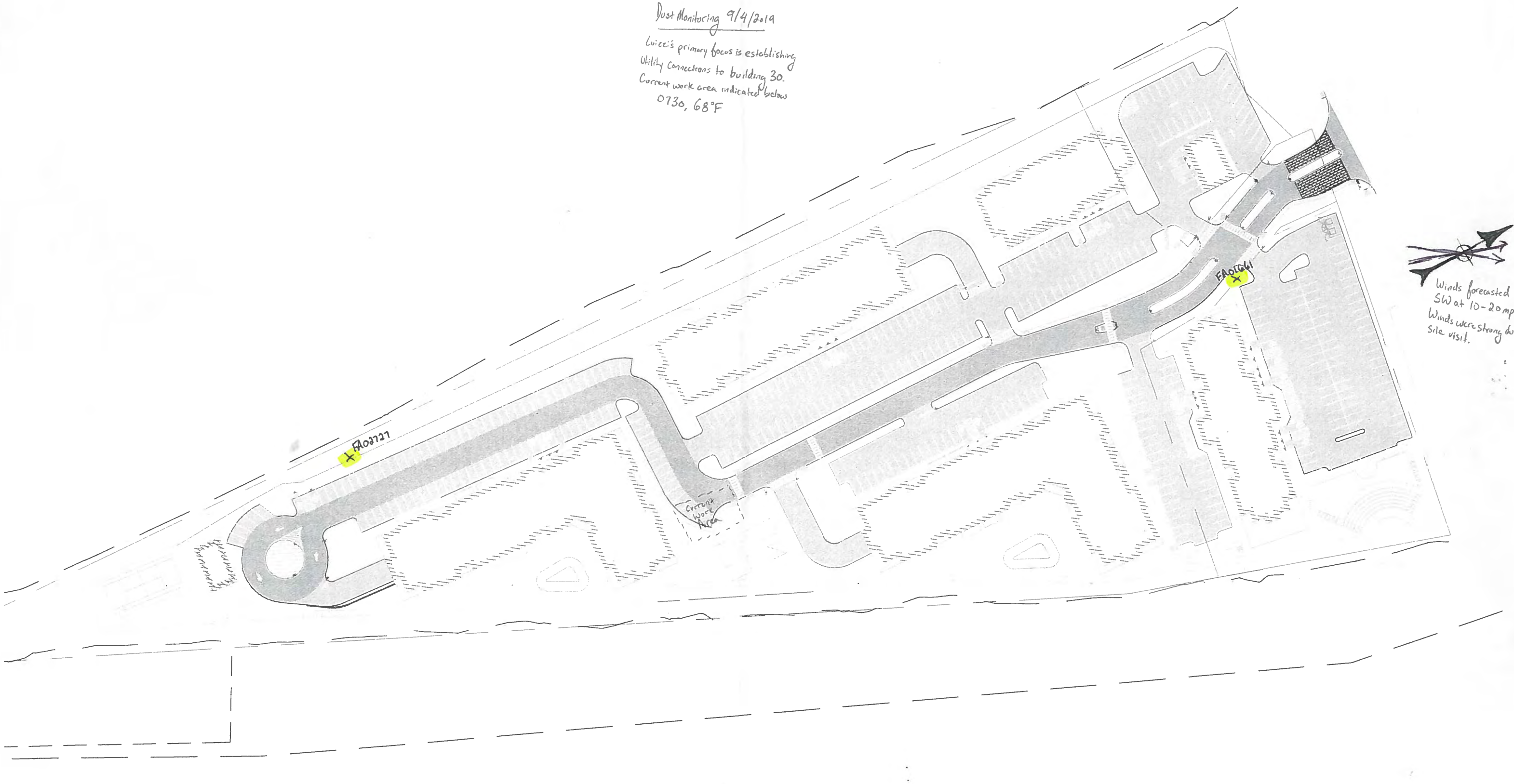
A sidewalk will be prepped for Concrete in the highlighted area below. The area outlined below will also be prepped for final cover and completed as time allows.



Winds forecasted as light and variable.
65°F, 07:45

Dust Monitoring 9/4/2019

Luizzi's primary focus is establishing Utility connections to building 30.
Current work area indicated below
0730, 68°F



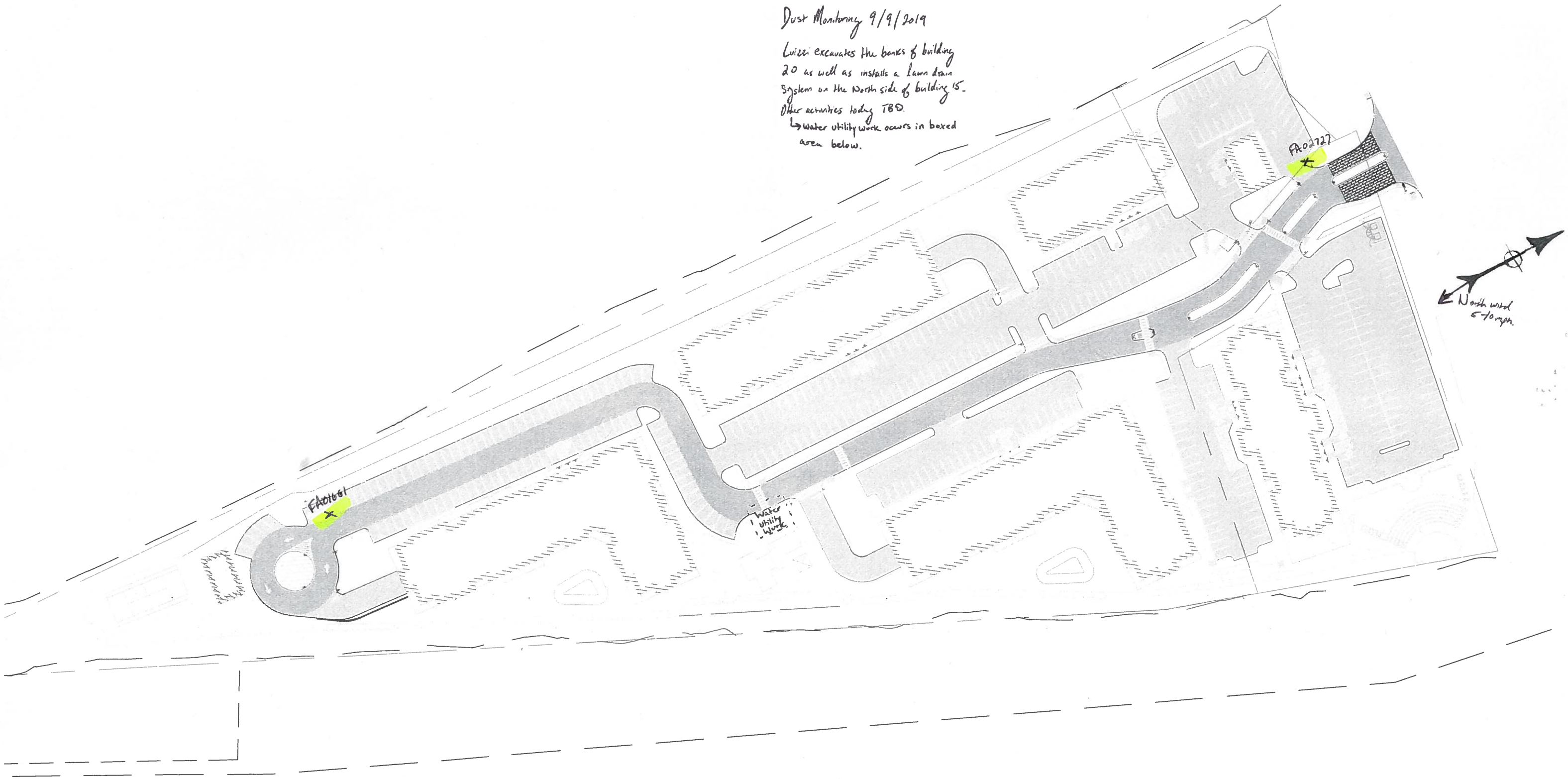
Winds forecasted SW at 10-20 mph.
Winds were strong during site visit.

Dust Monitoring 9/9/2019

Luizzi excavates the banks of building 20 as well as installs a lawn drain system on the North side of building 15.

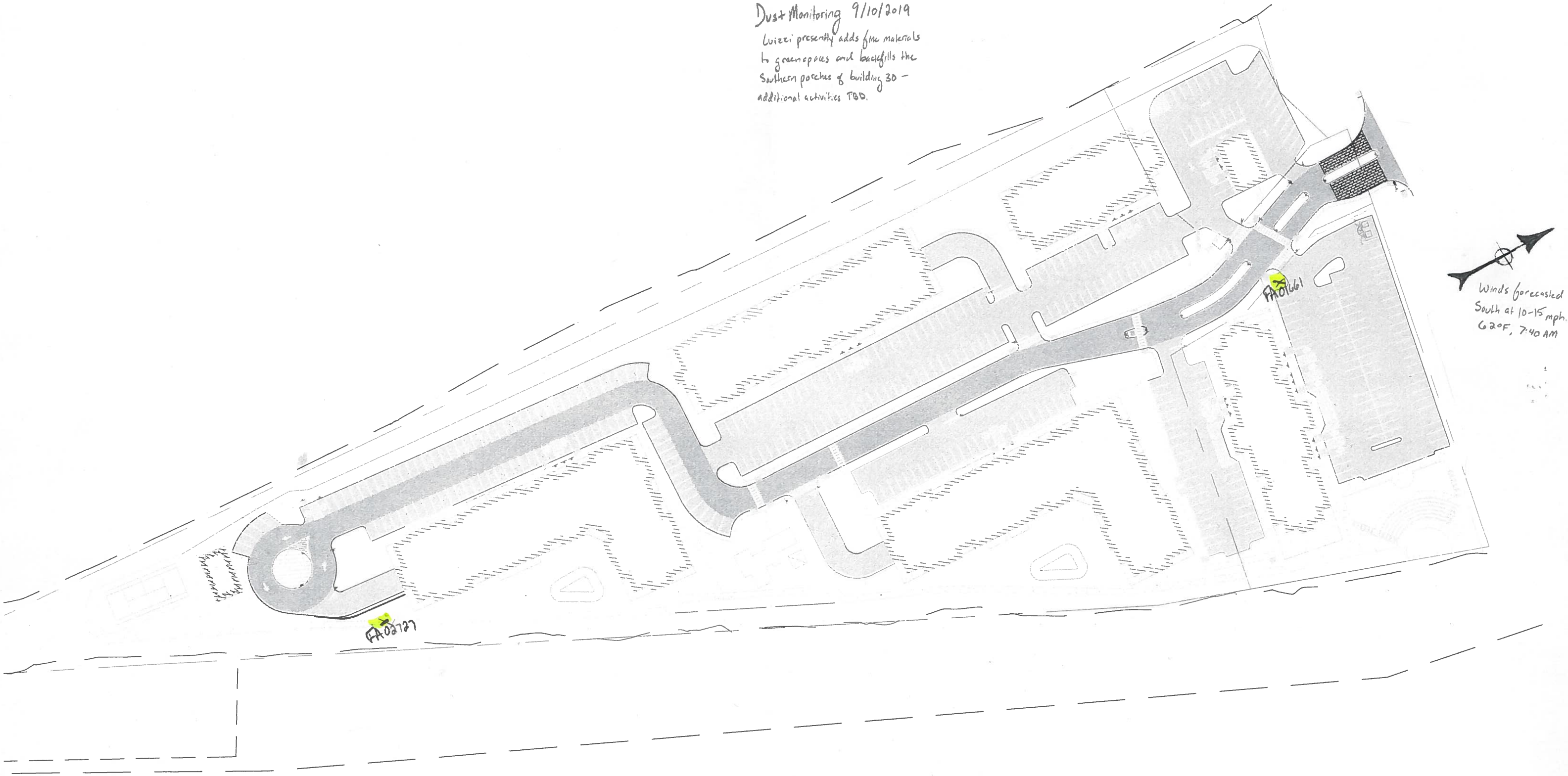
Other activities today TBD.

↳ Water utility work occurs in boxed area below.



Dust Monitoring 9/10/2019

Luizzi presently adds fine materials to greenspaces and backfills the Southern porches of building 30 – additional activities TBD.

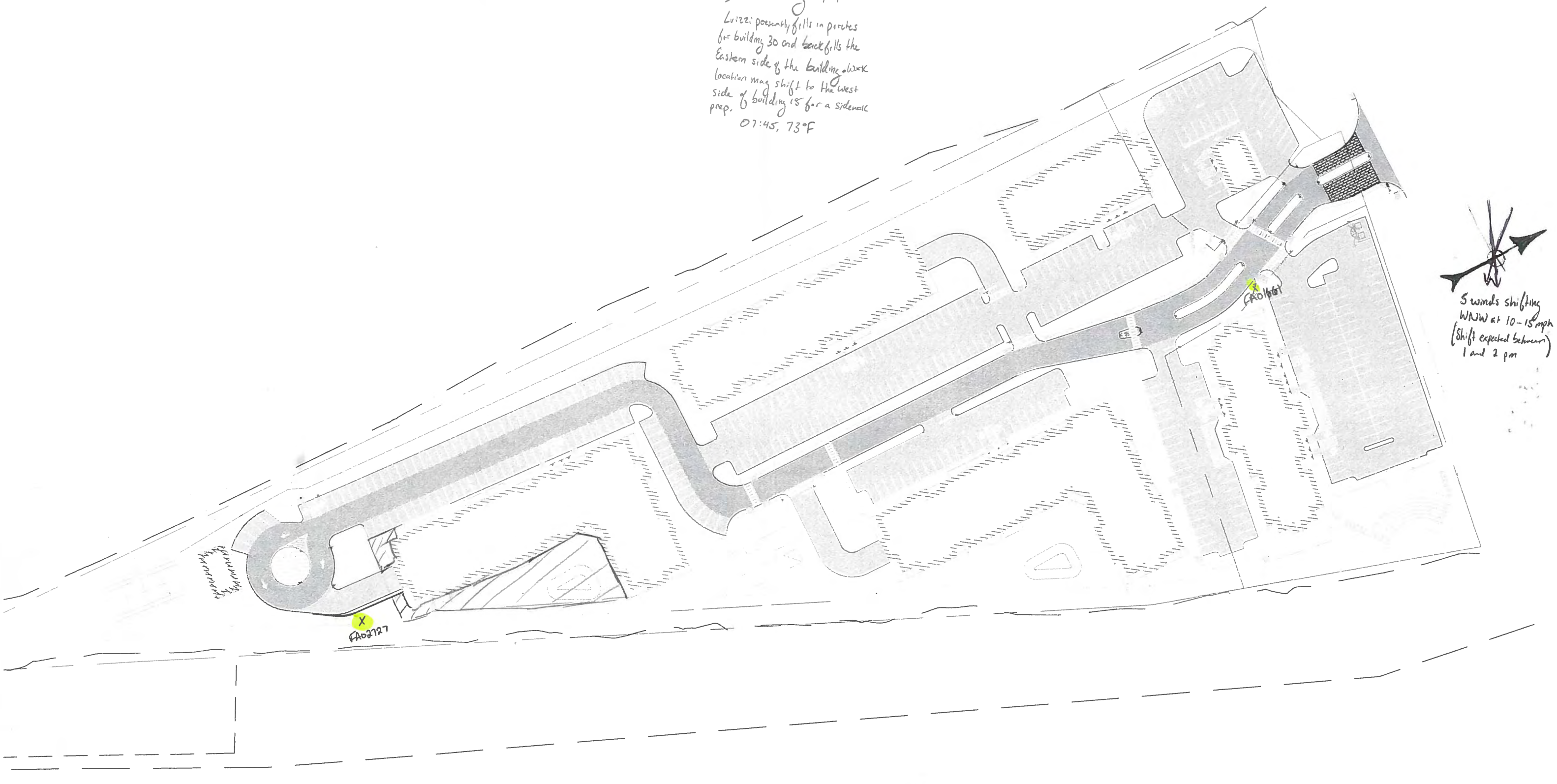


Winds forecasted South at 10-15 mph. 620F, 7:40 AM

Dust Monitoring 9/11/2019

Luizzi presently fills in porches for building 30 and backfills the Eastern side of the building also location may shift to the west side of building 15 for a sidewalk prep.

07:45, 73°F



Dust Monitoring 9/13/2019

Luizzi is primarily focused on the shaded area below. A sidewalk will be propped along the western retaining wall and additional fine materials

FA0466

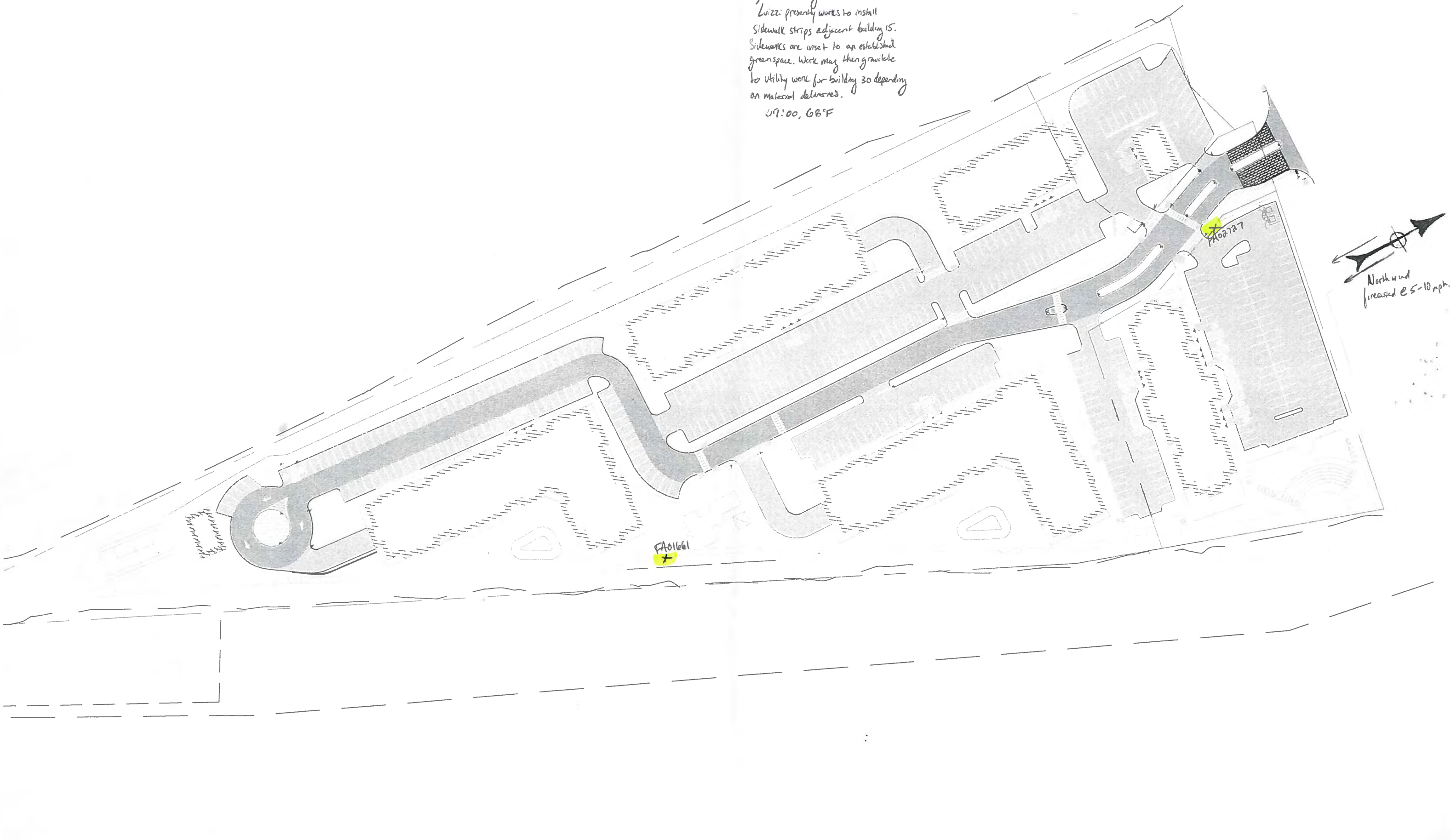
FA02787

Winds forecasted
SE at 10-15mph
64°F
8:50 AM

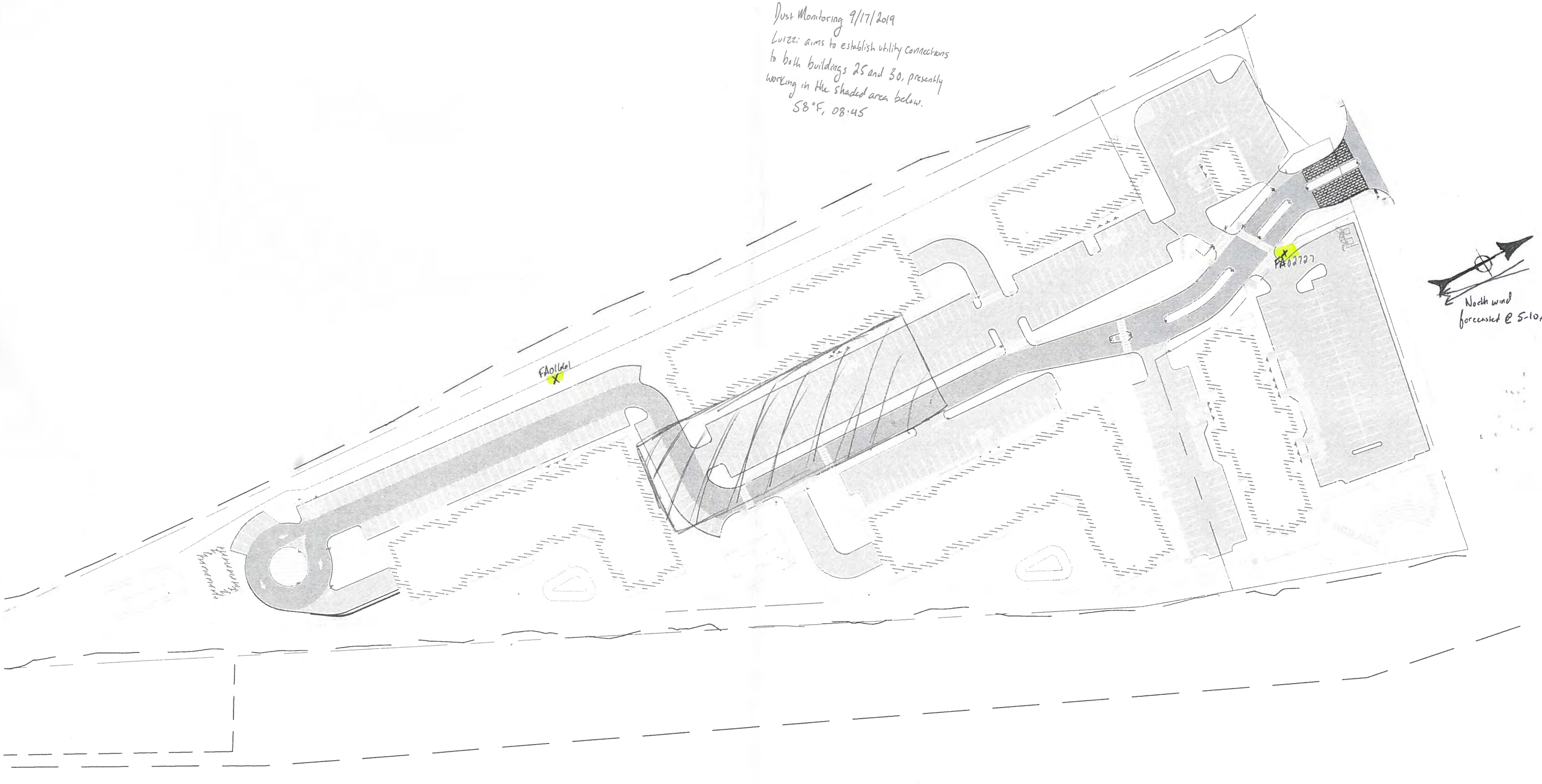
Dust Monitoring 9/16/2019

Luizzi presently works to install sidewalk strips adjacent building 15. Sidewalks are inset to an established greenspace. Work may then gravitate to utility work for building 30 depending on material deliveries.

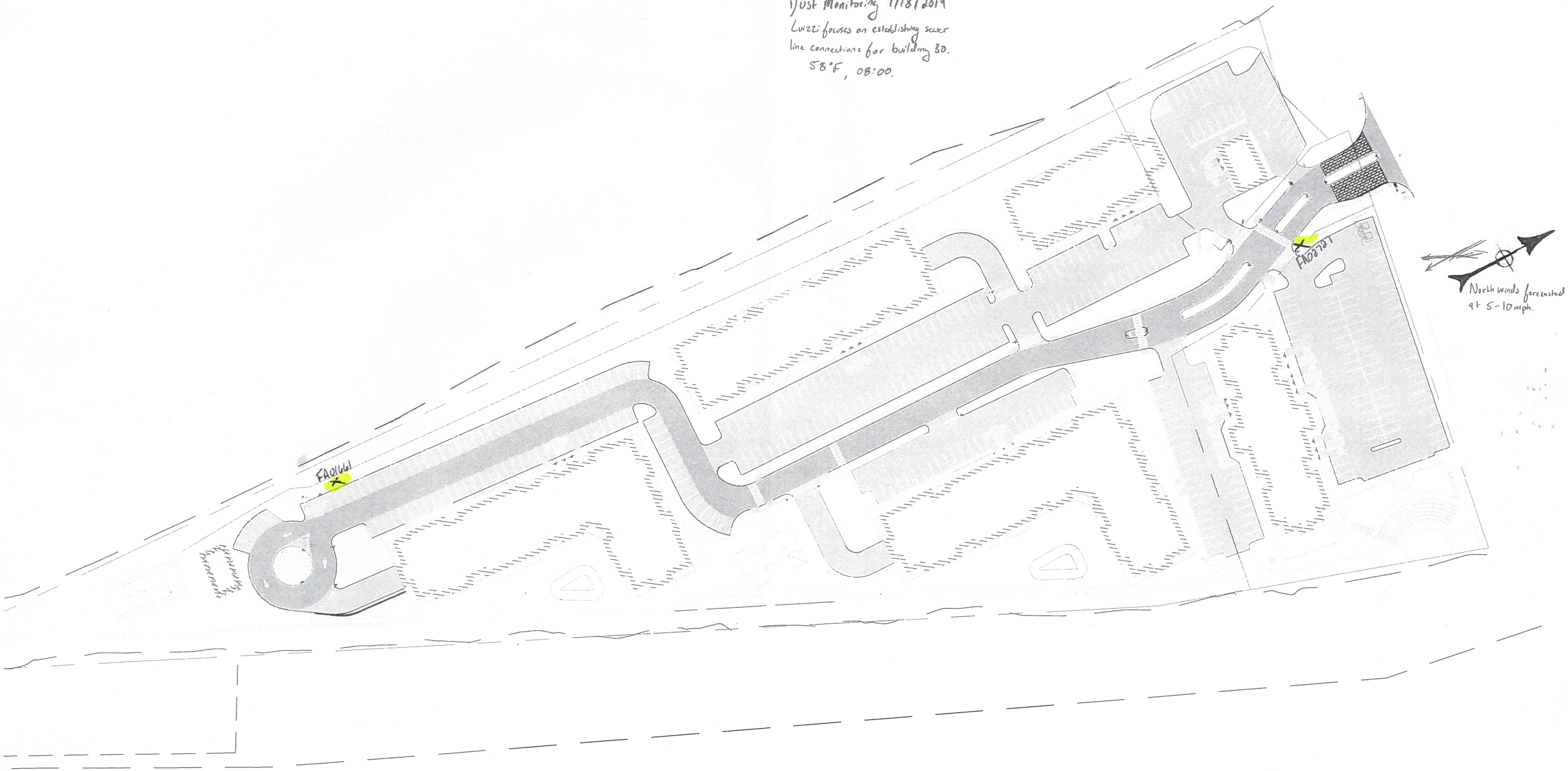
07:00, 68°F



Dust Monitoring 9/17/2019
Luize: aims to establish utility connections to both buildings 25 and 30, presently working in the shaded area below.
58°F, 08:45



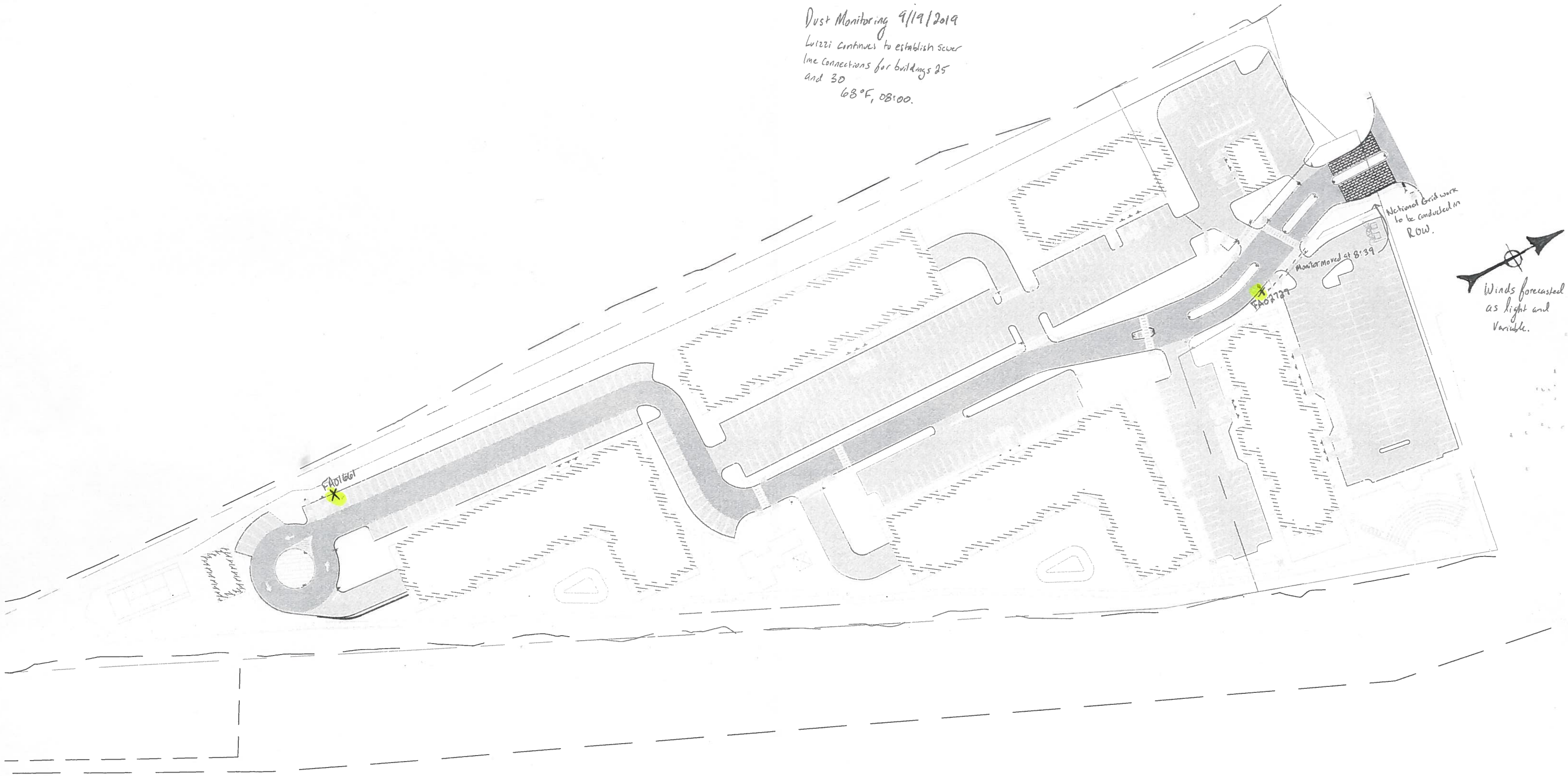
Dust Monitoring 9/18/2019
Luizzi focuses on establishing sewer line connections for building 30.
58°F, 08:00.



Dust Monitoring 9/19/2019

Luizzi continues to establish sewer line connections for buildings 25 and 30

68°F, 08:00.

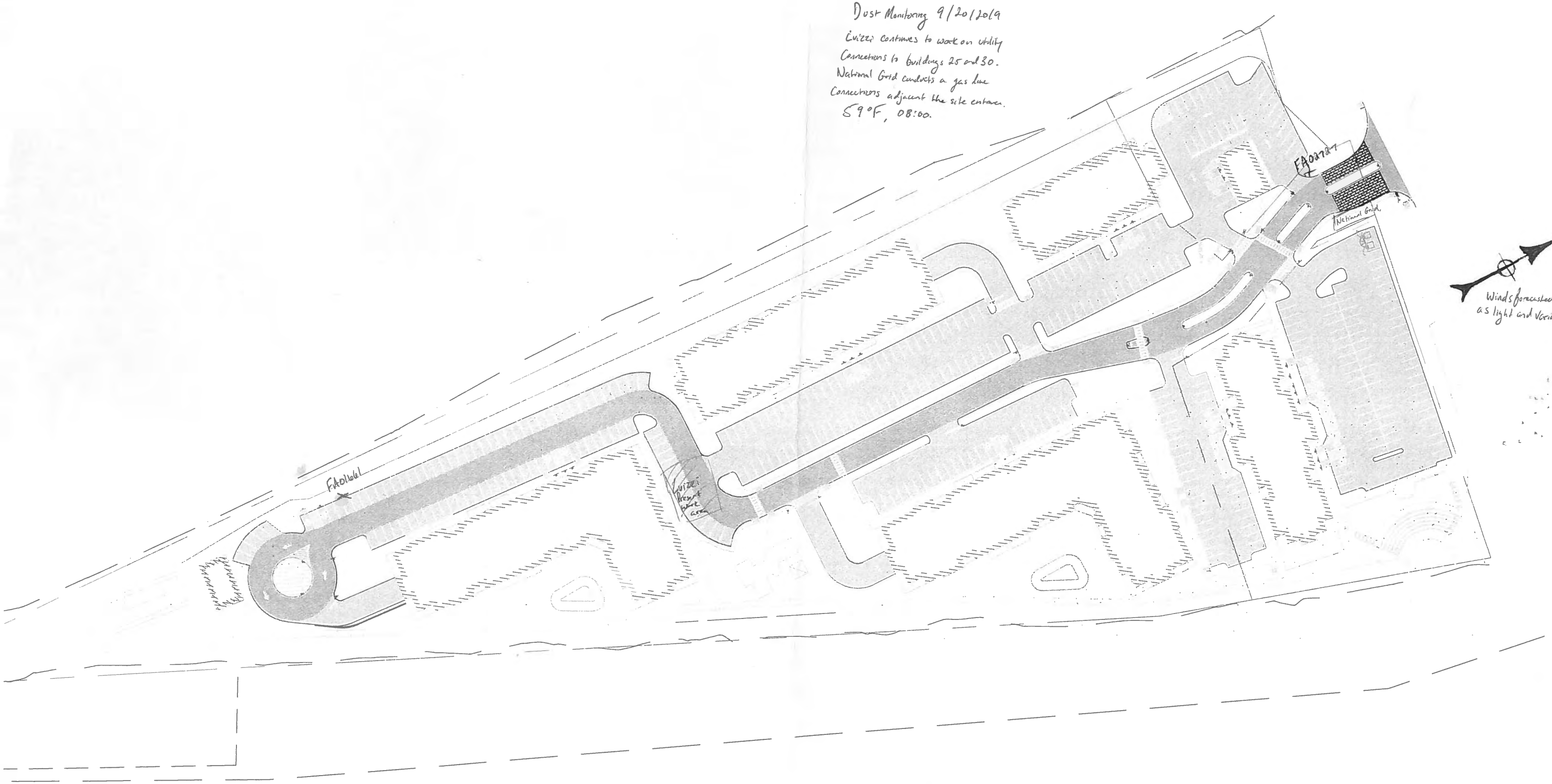


Dust Monitoring 9/20/2019

Evizzi continues to work on utility Connections to buildings 25 and 30.

National Grid conducts a gas line Connections adjacent the site entrance.

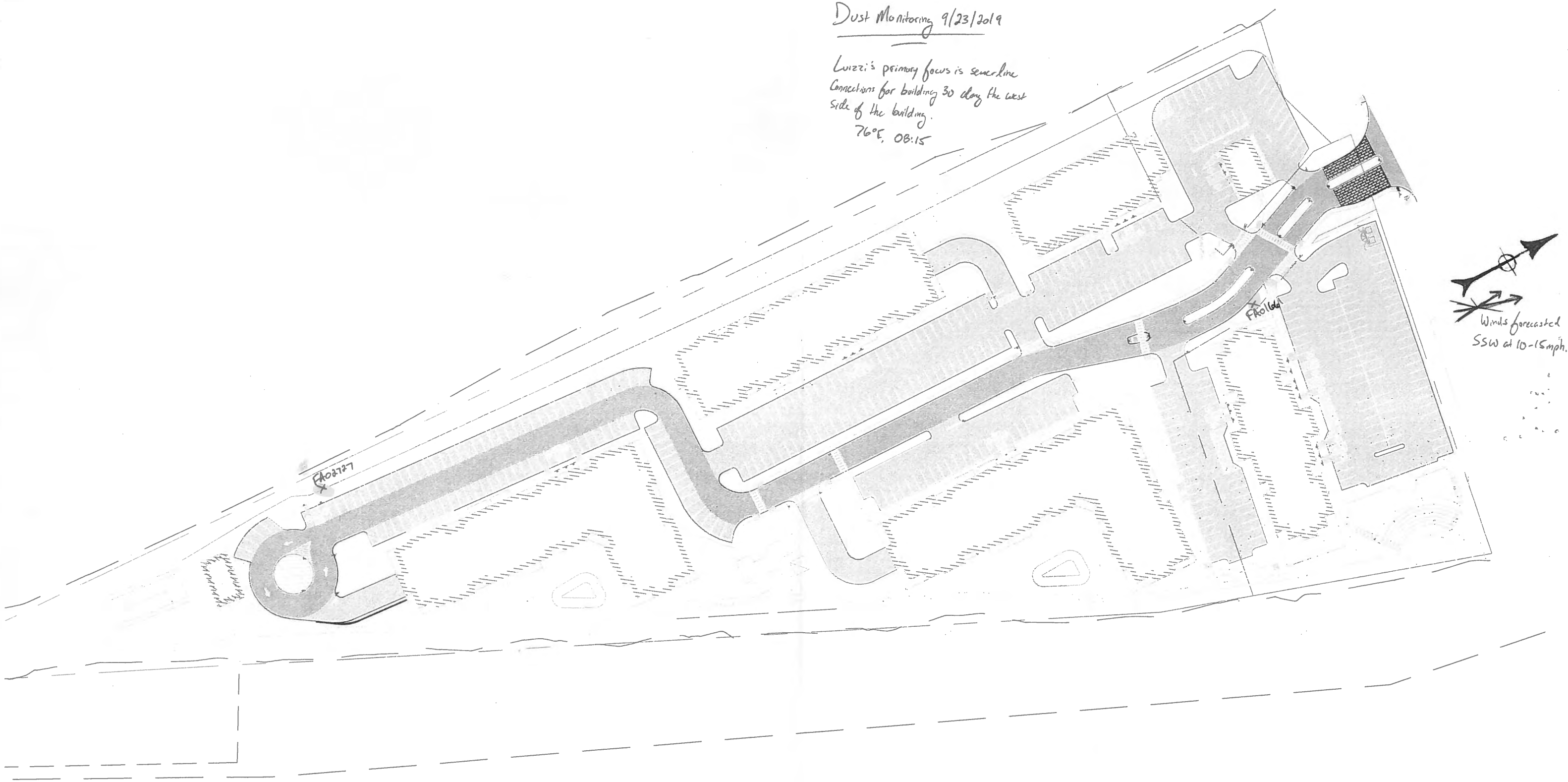
59°F, 08:00.



Dust Monitoring 9/23/2019

Luizzi's primary focus is sewerline Connections for building 30 along the west side of the building.

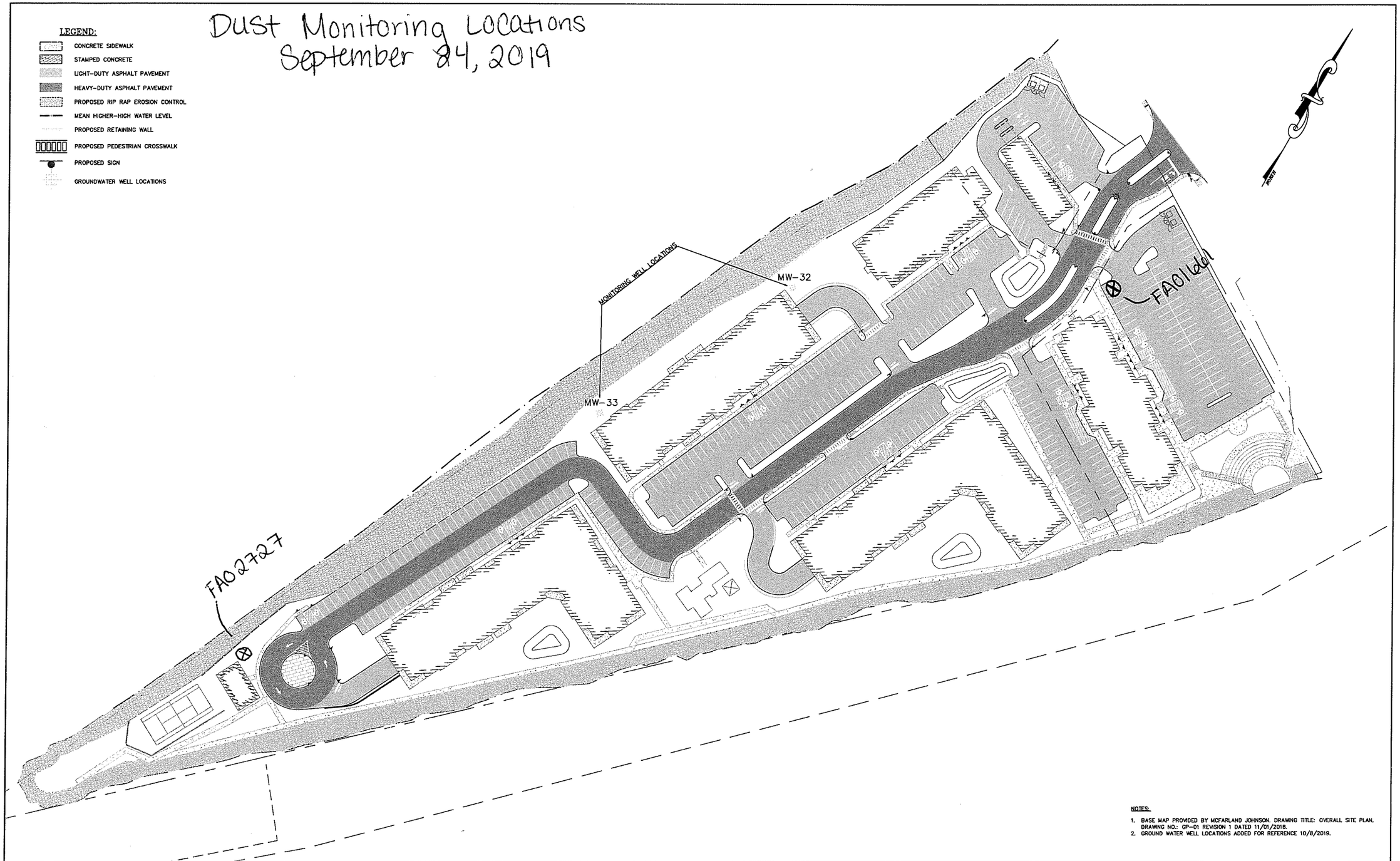
76°F, 08:15



Dust Monitoring Locations
September 24, 2019

LEGEND:

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- PROPOSED RIP RAP EROSION CONTROL
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- GROUNDWATER WELL LOCATIONS



NOTES:

1. BASE MAP PROVIDED BY MCFARLAND JOHNSON. DRAWING TITLE: OVERALL SITE PLAN. DRAWING NO.: GP-01 REVISION 1 DATED 11/01/2018.
2. GROUND WATER WELL LOCATIONS ADDED FOR REFERENCE 10/8/2019.

ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING, PLLC
349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P:518.453.2203
F:518.453.2204

W.O. No.	REVISION	DATE	APR.
2	SOUTHERN RIPRAP REVISED	12/18	RF
1	WELL LABELS REVISED	11/18	RF

FOR REFERENCE ONLY

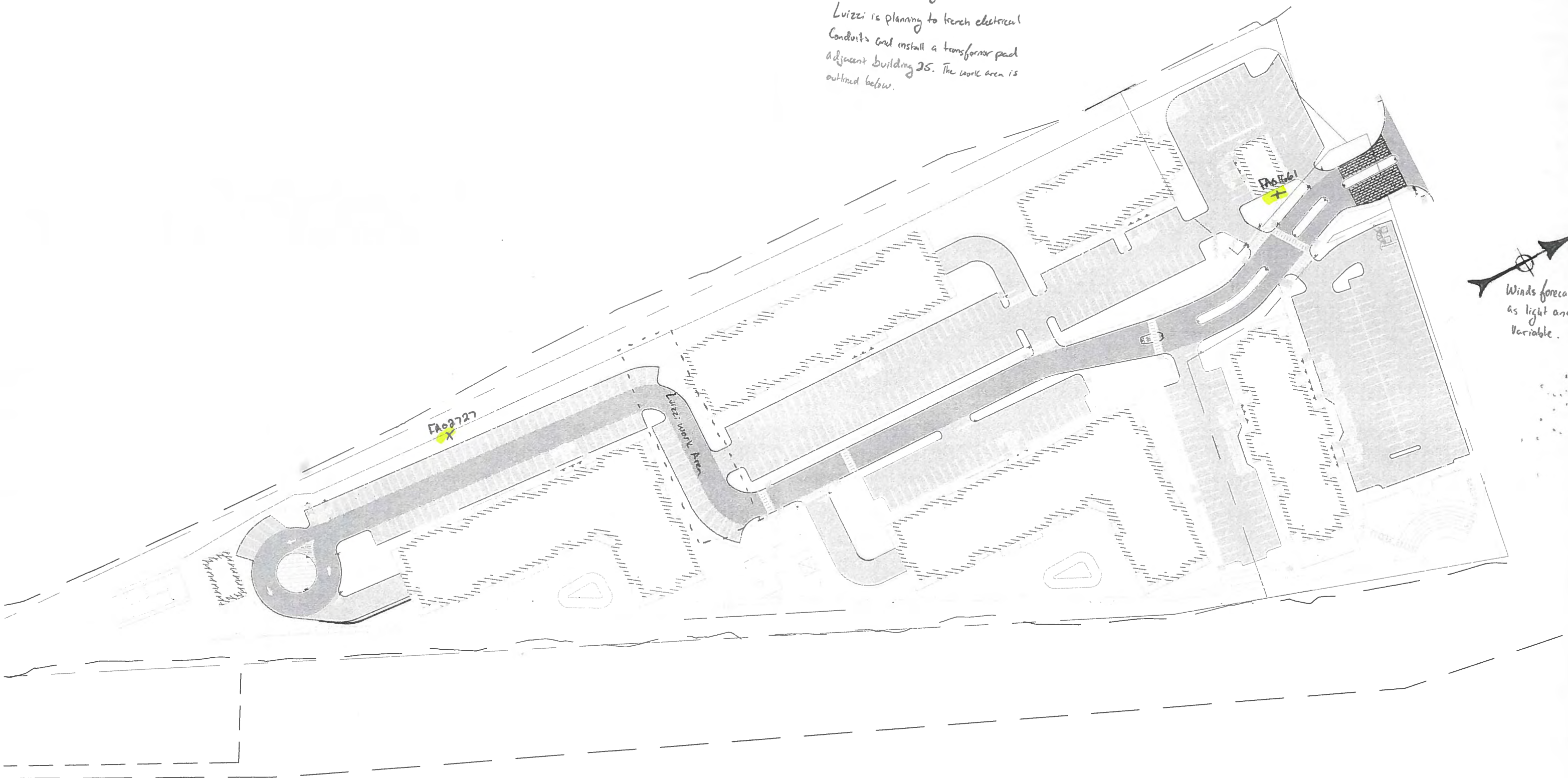
SOUTH ISLAND APARTMENTS SITE
STARBUCK DRIVE
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

Well Locations

SCALE: NTS | DRAWING NO.: R-3 | SHT. 1 | SHTS. NO. 2

Dust Monitoring 9/25/2019

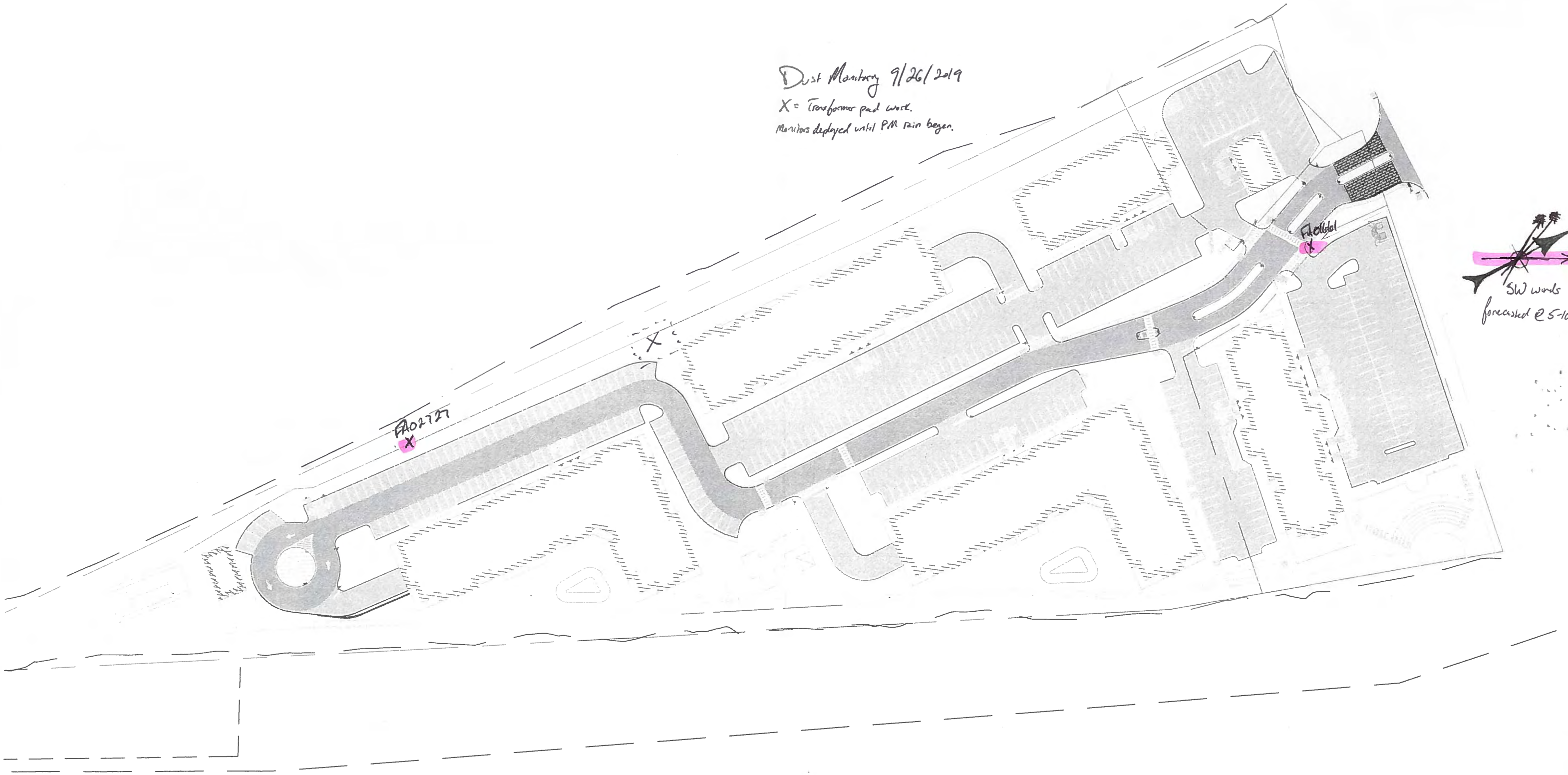
Luizzi is planning to trench electrical conduits and install a transformer pad adjacent building 25. The work area is outlined below.



Dust Monitoring 9/26/2019

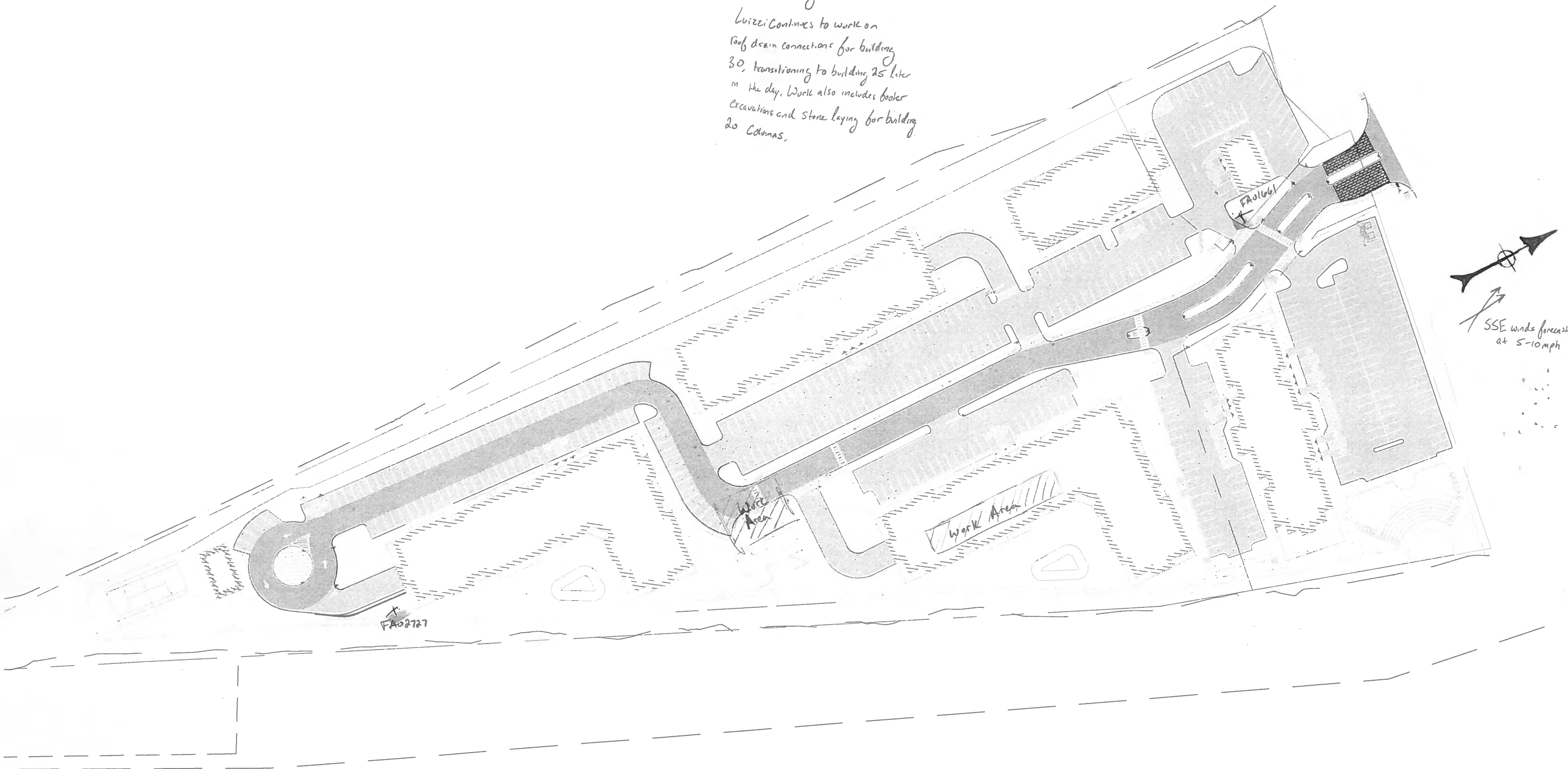
X = Transformer pad work.

Monitors deployed until PM rain began.



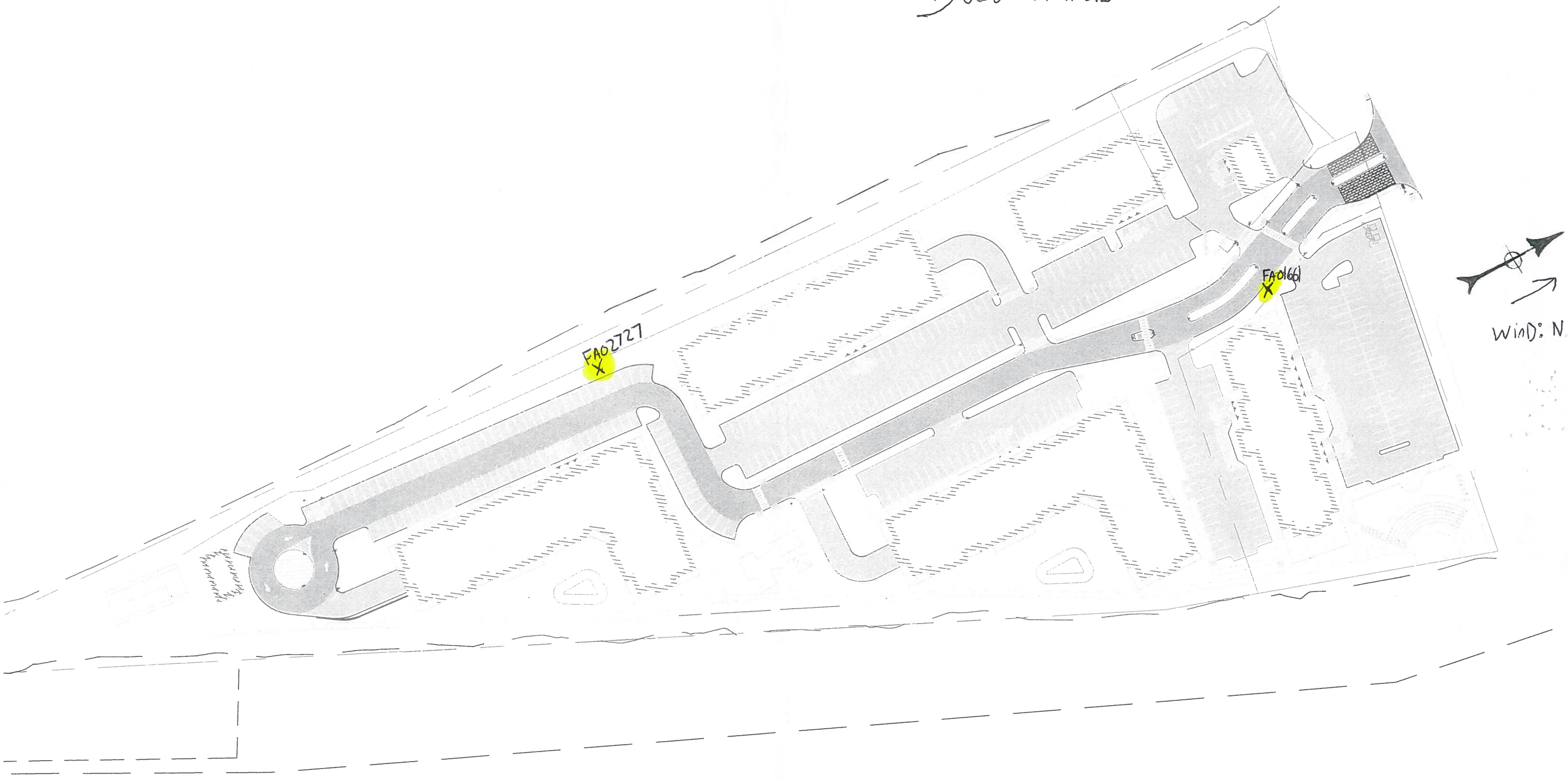
Dust Monitoring 9/30/2019

Luizzi Continues to work on roof drain connections for building 30, transitioning to building 25 later in the day. Work also includes footer excavations and stone laying for building 20 columns.



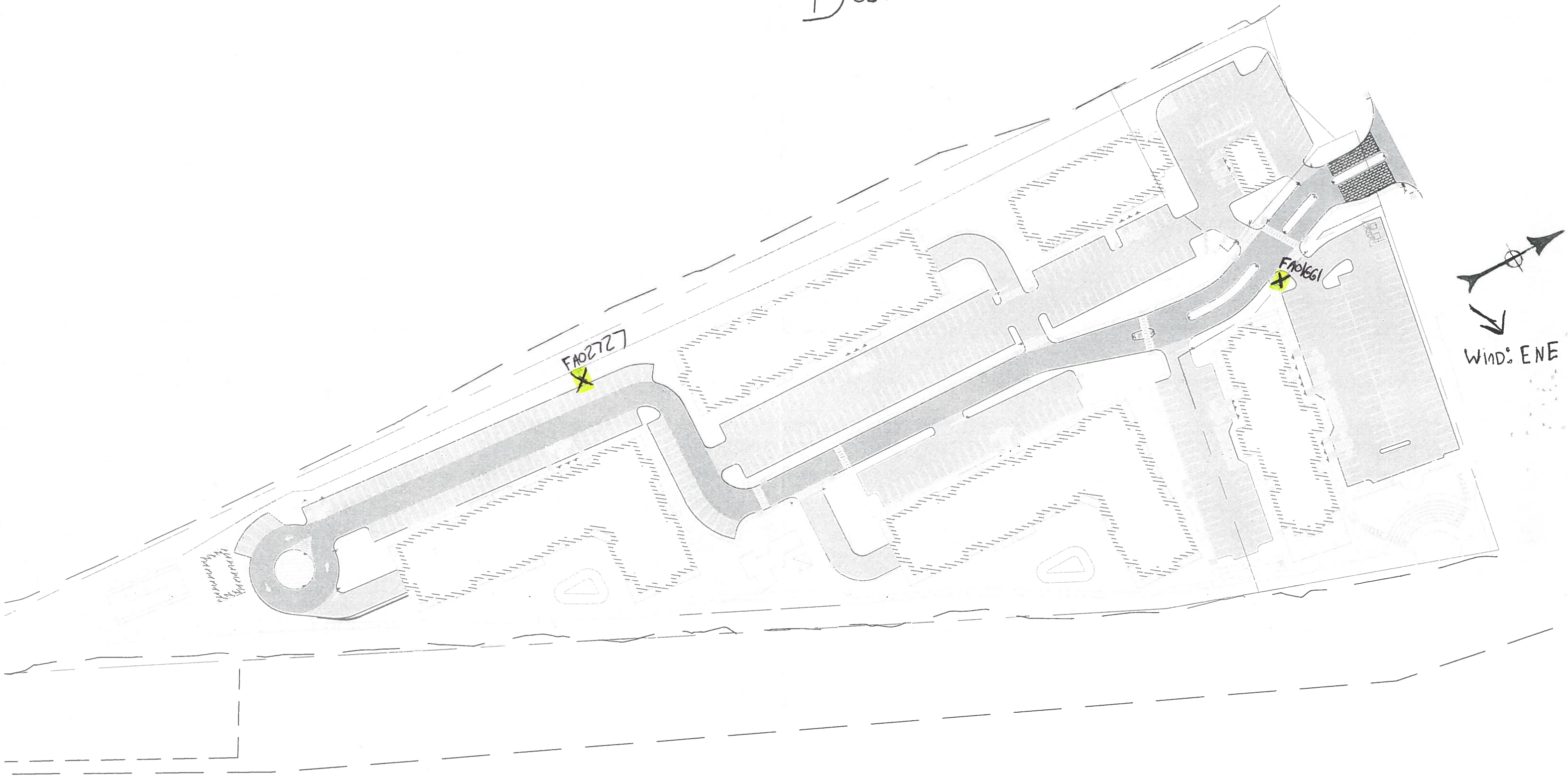
10/03/14 52°F Rain/overcast

Dust Monitors



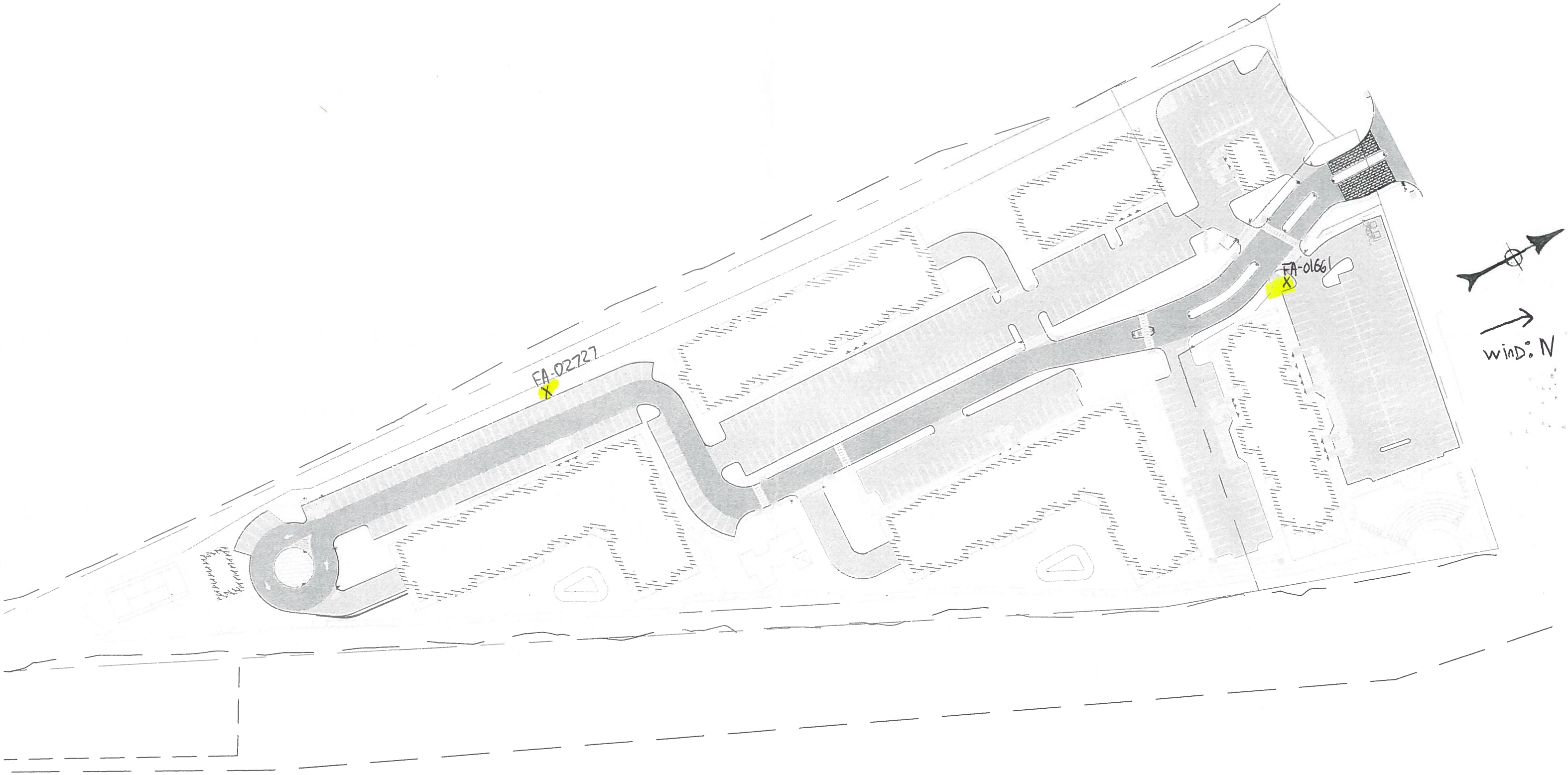
10/9/2019

Dust Monitor Locations

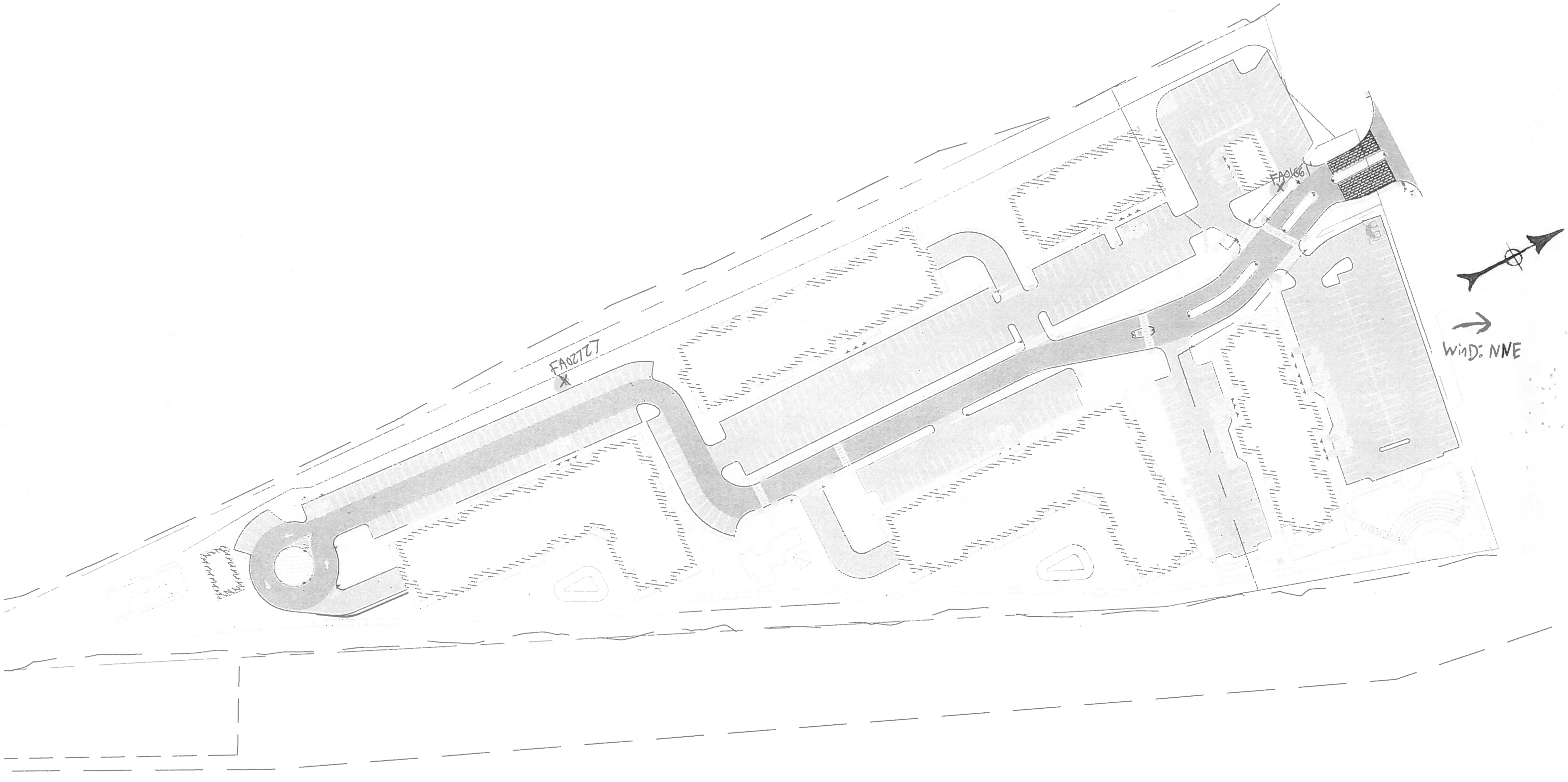


10/10/19

Dust Monitor locations

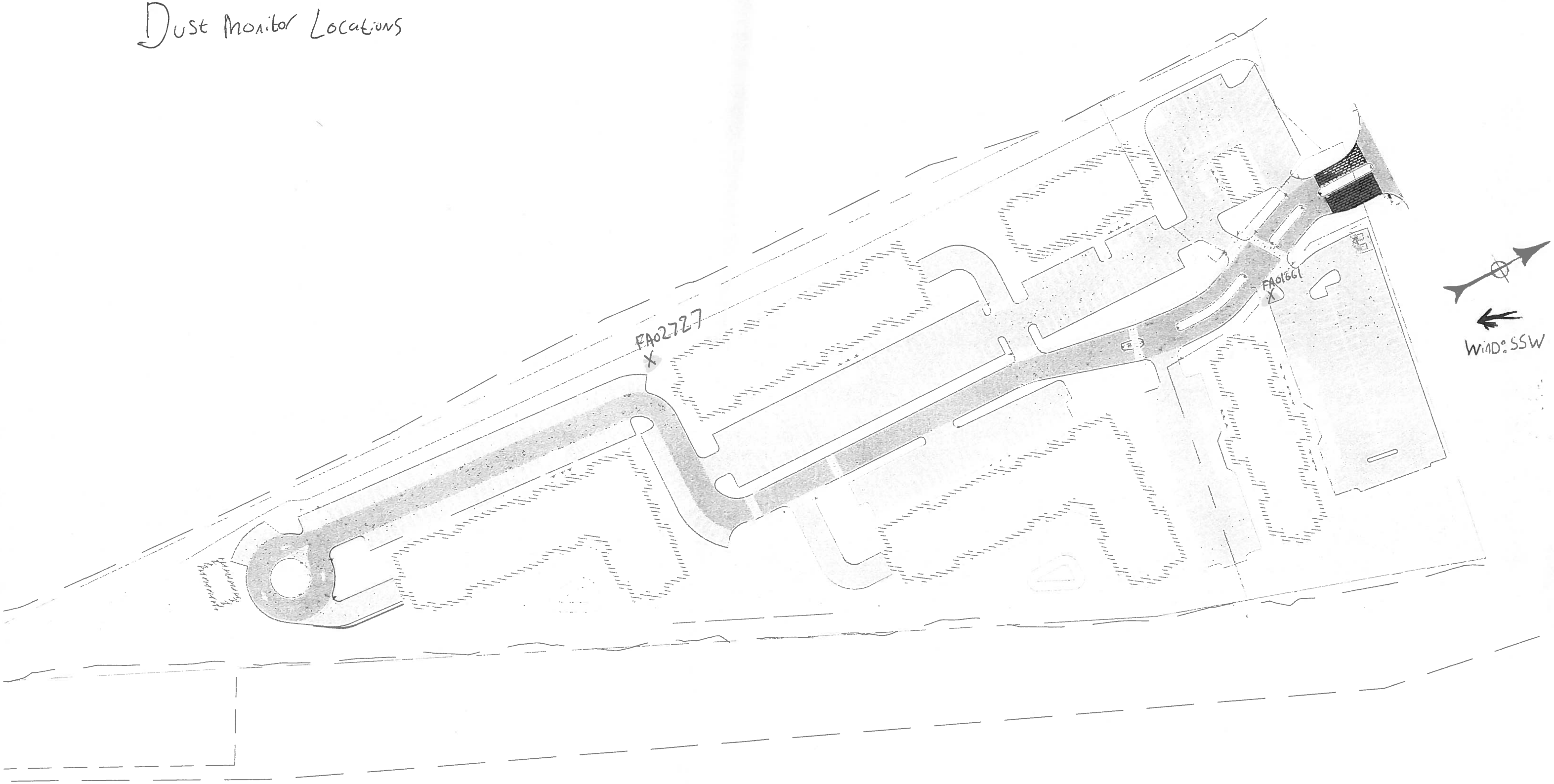


10/11/19 Dust Monitor locations



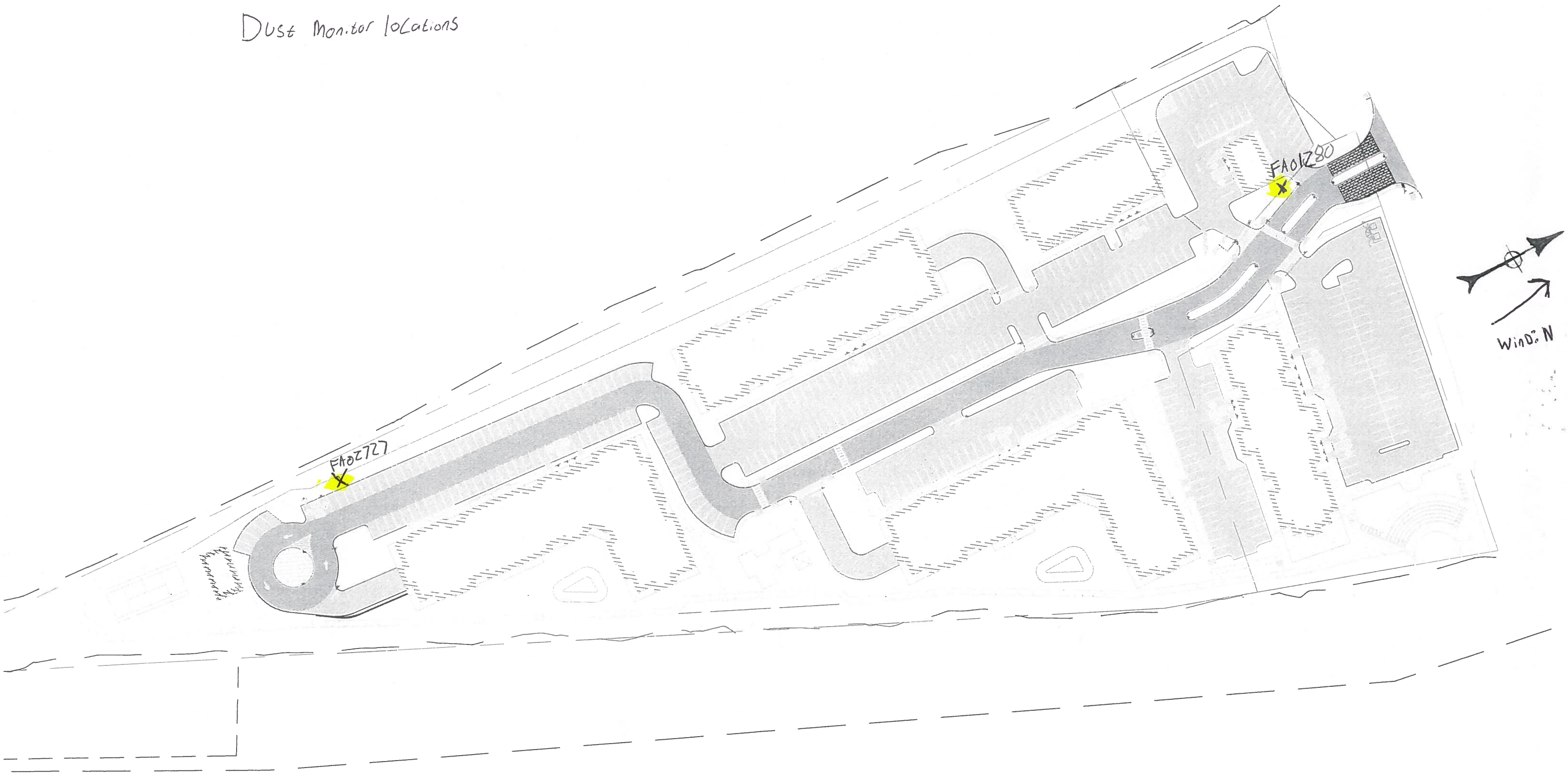
10/14/19

Dust Monitor Locations



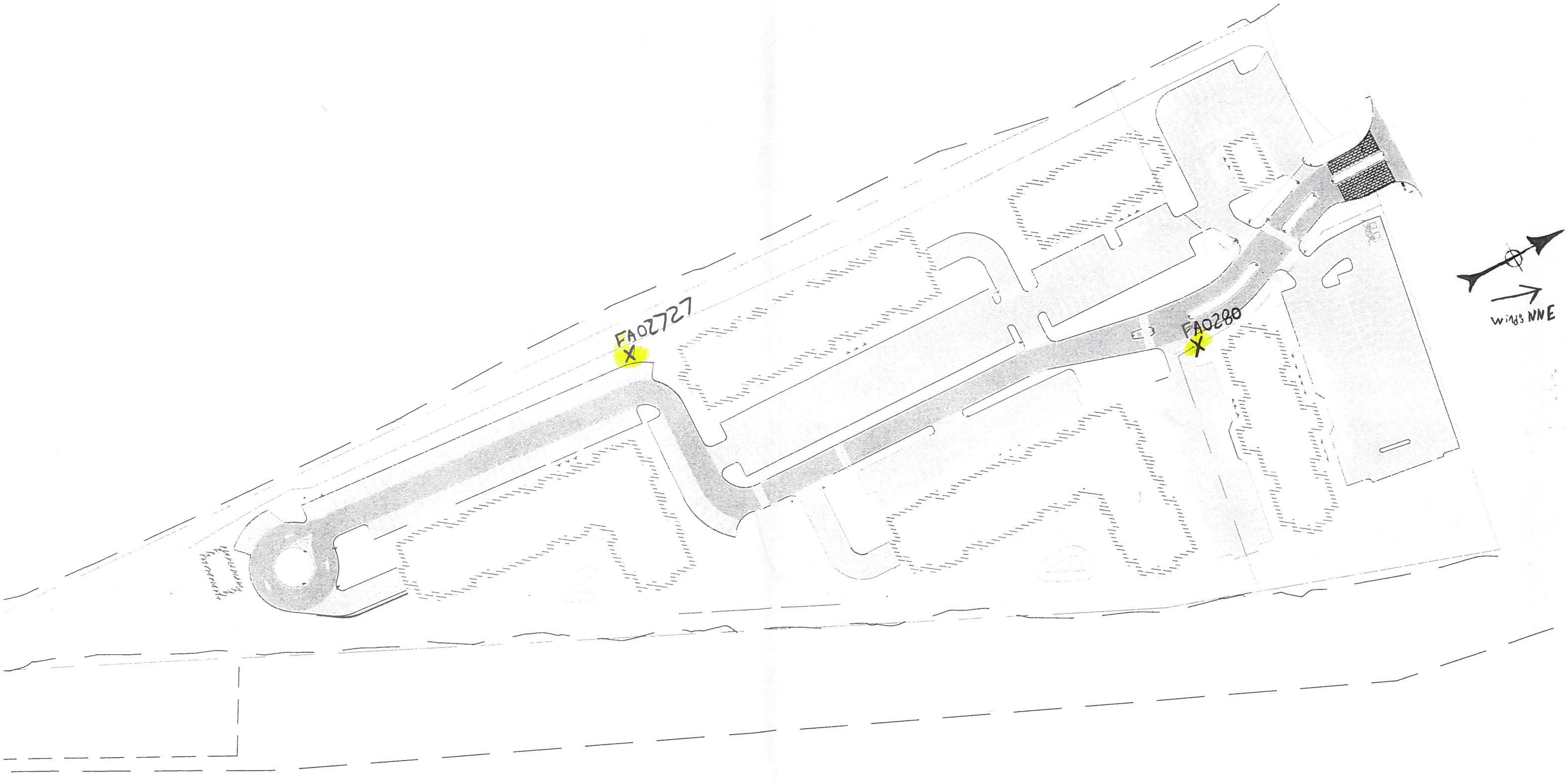
10/15/19

Dust Monitor locations



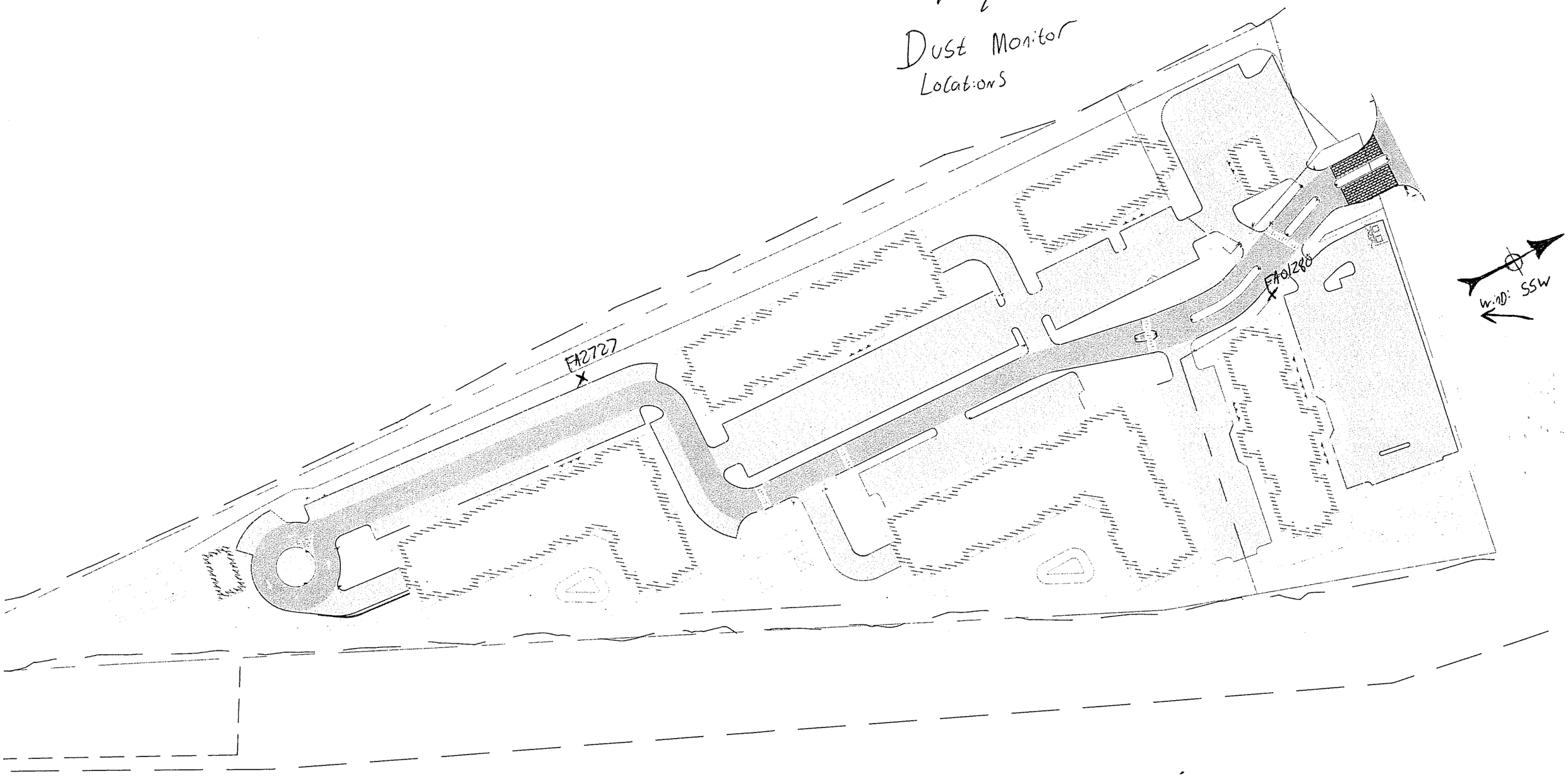
10/16/19

Dust Monitor Locations



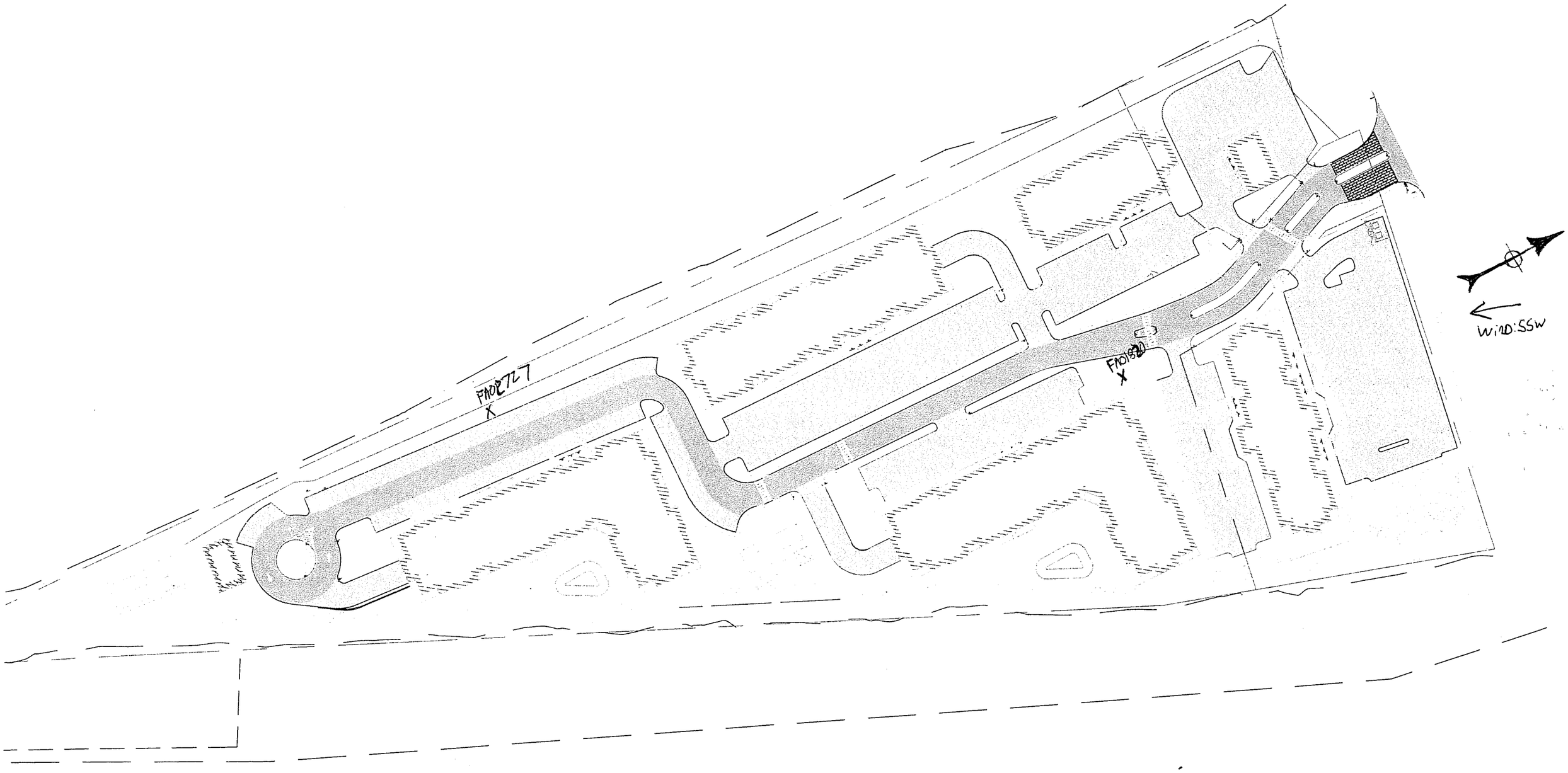
11/4/14

Dust Monitor Locations



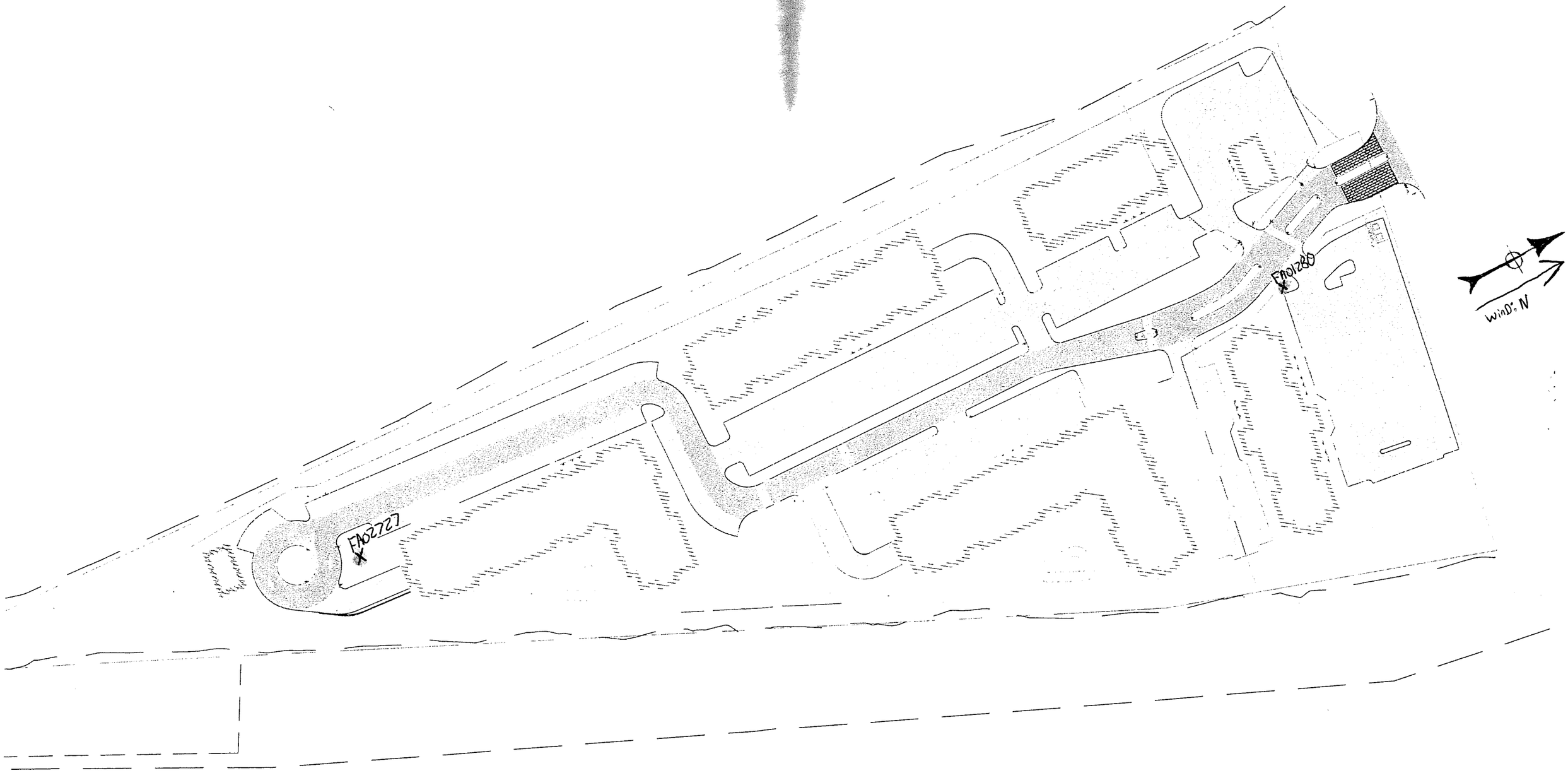
11/05/19

Dust Monitor Locations



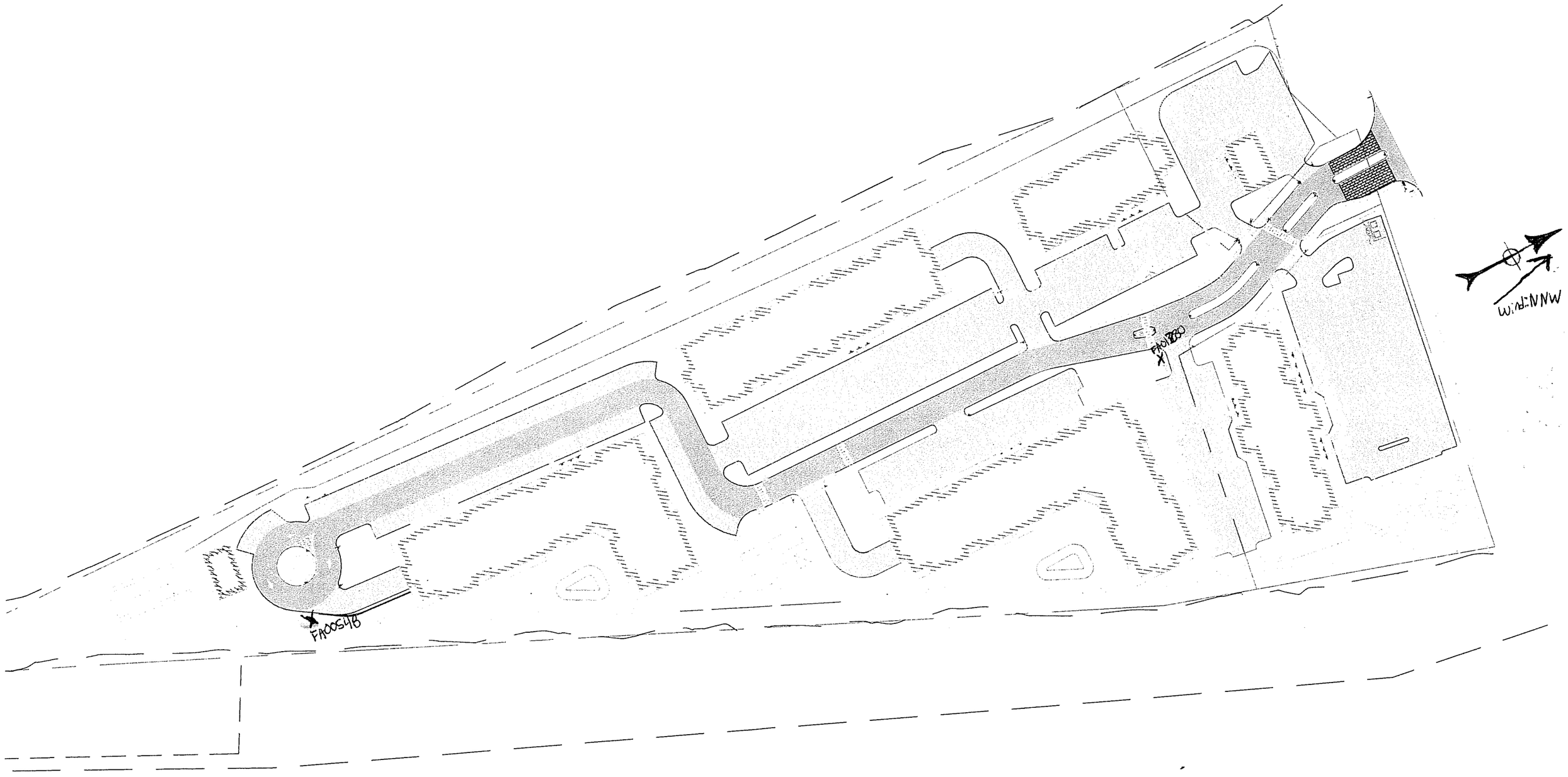
11/06/A

Dust Monitor Locations



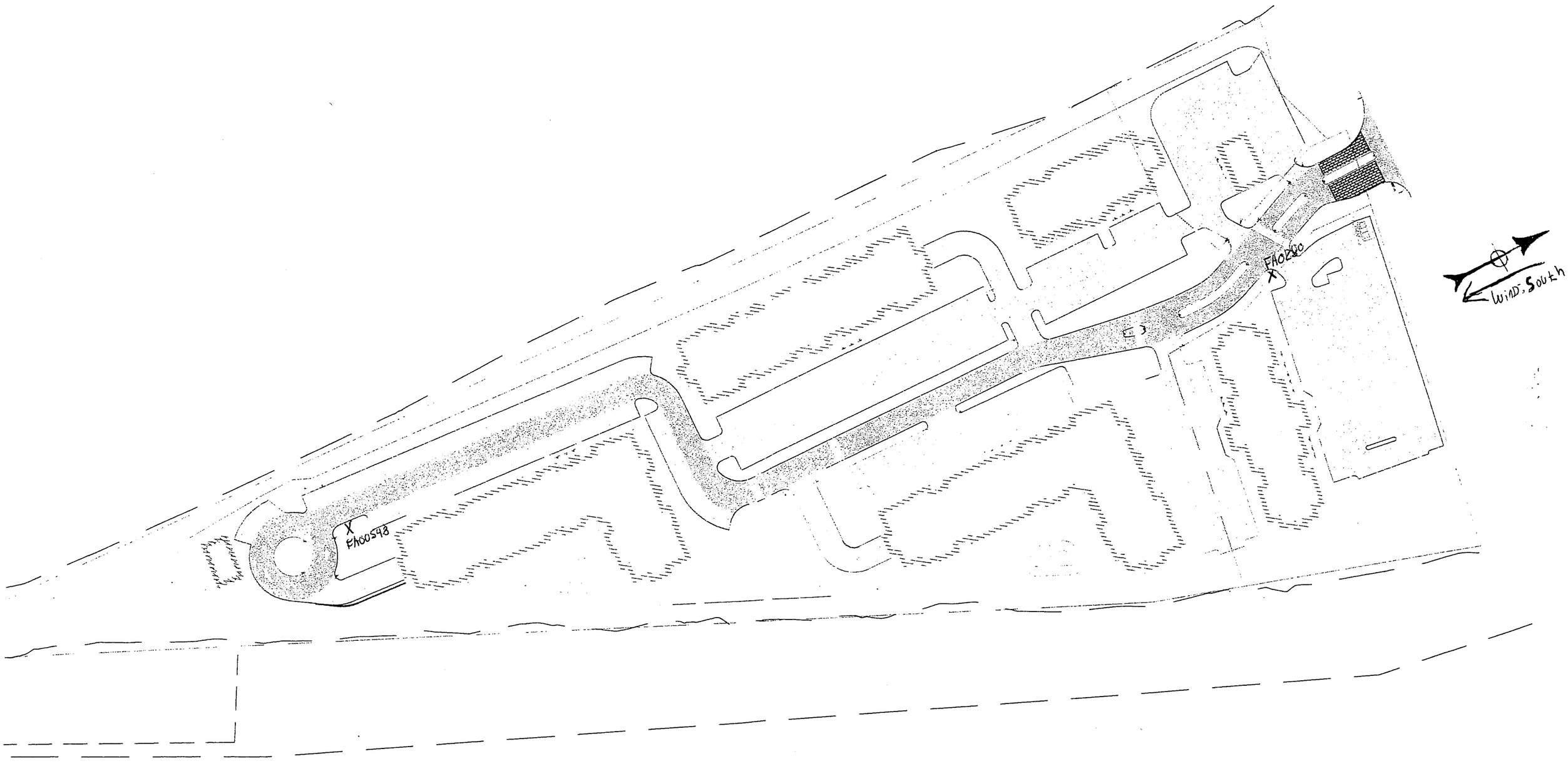
11/7/19 Dust Monitor Locations

Picked up @ 8:40am

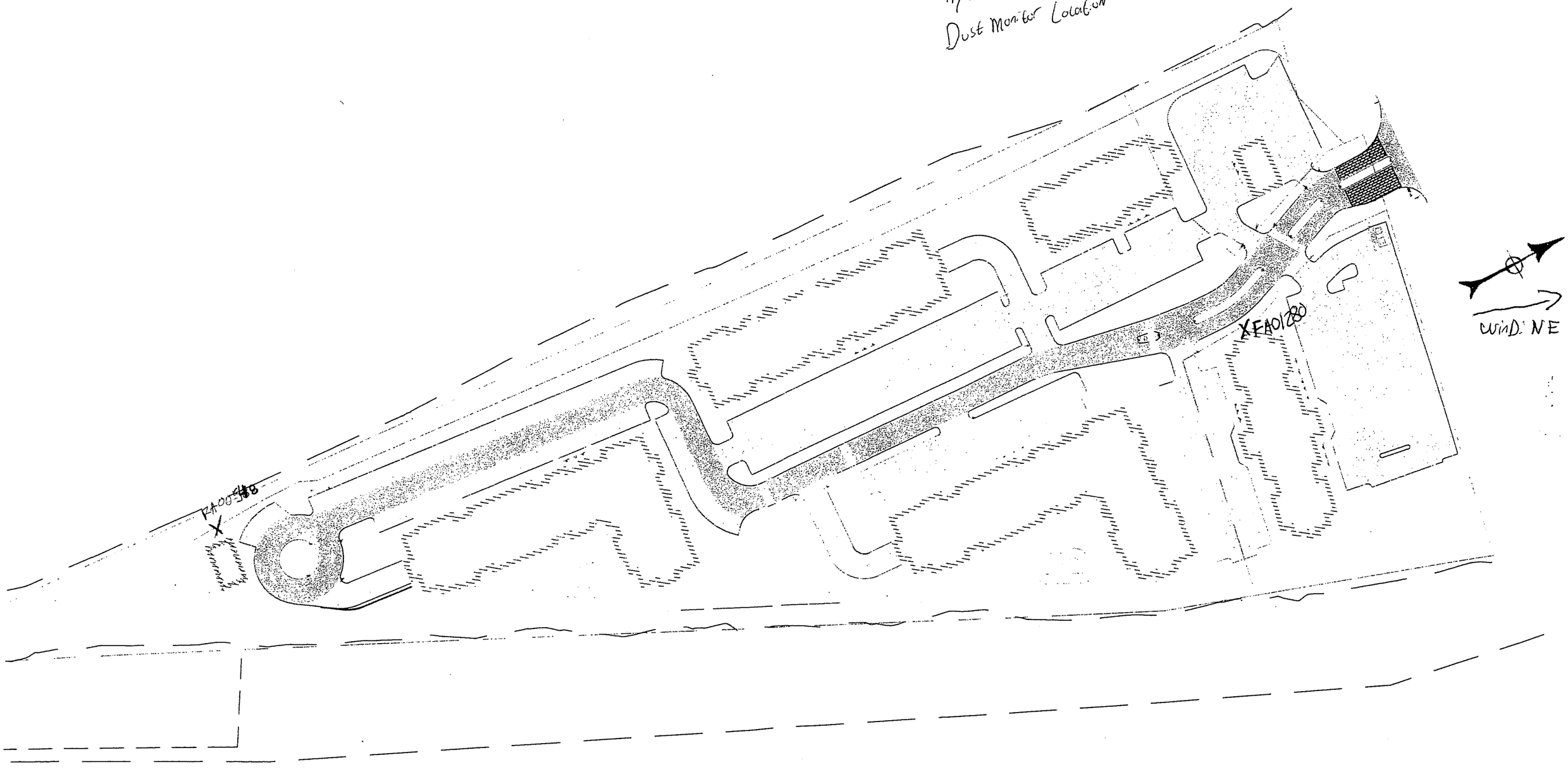


11/14/19

Dust Monitor Locations

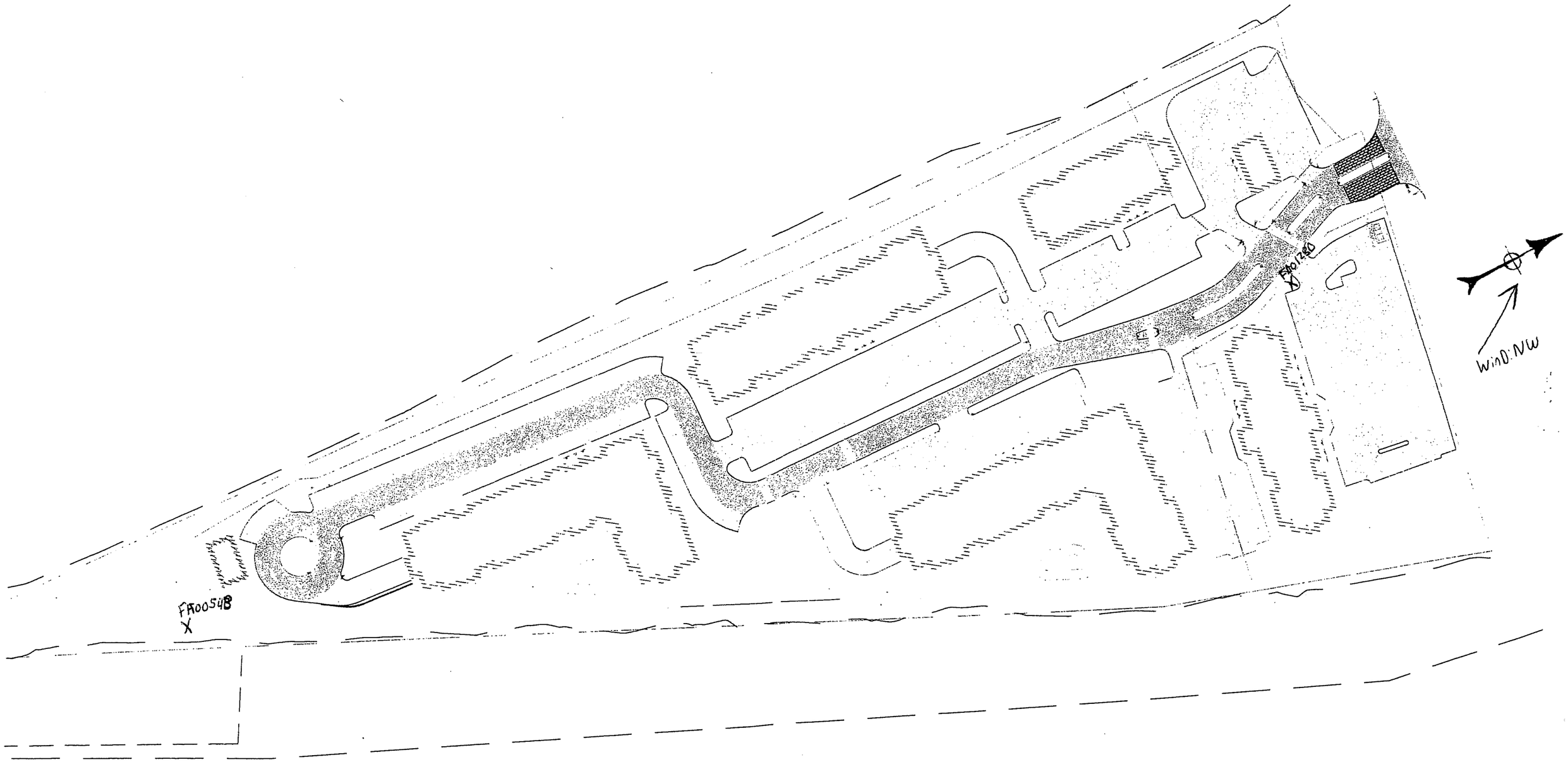


11/15/19
Dust Monitor Location

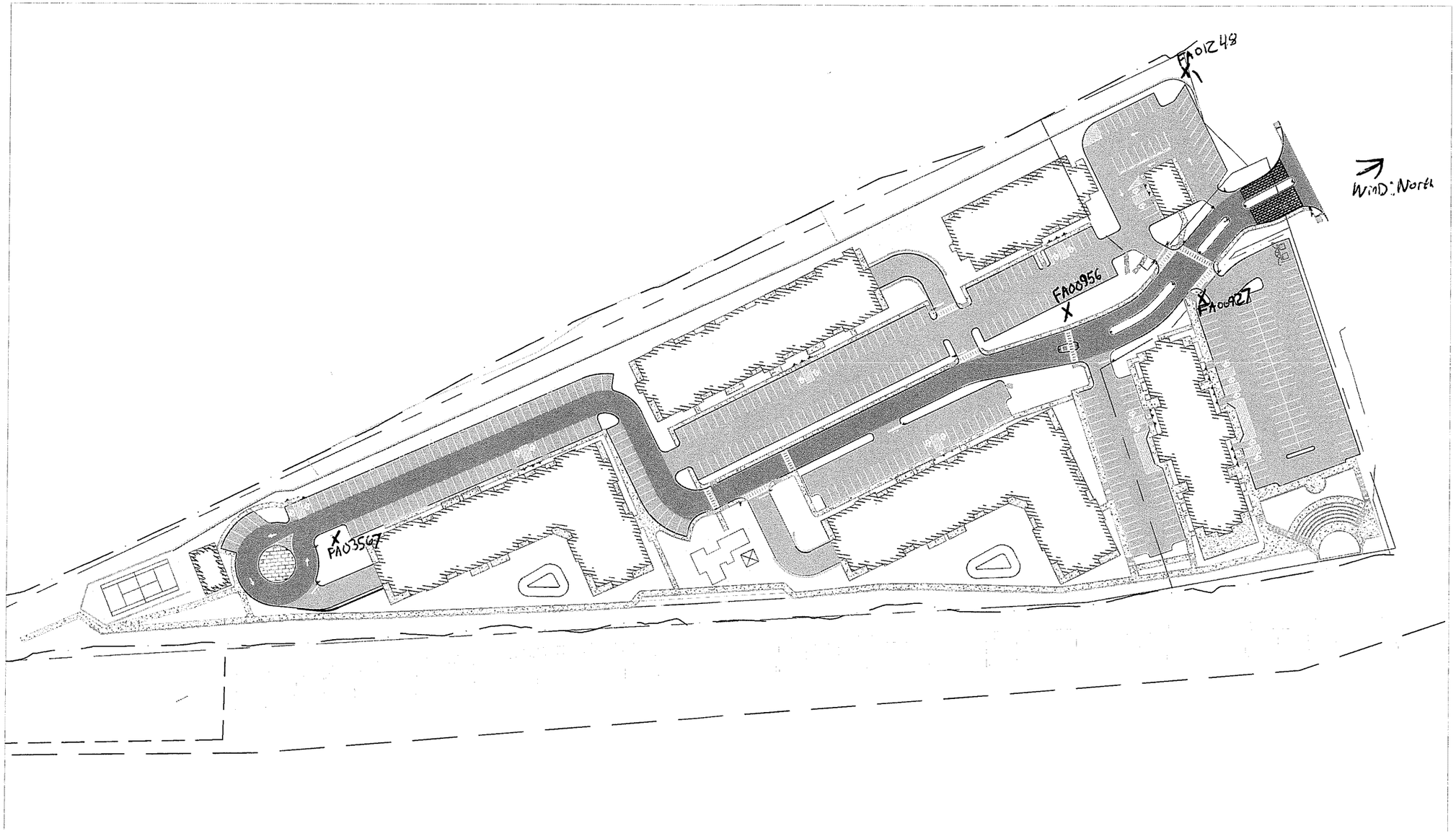


11/18/19

Dust Monitor Locations



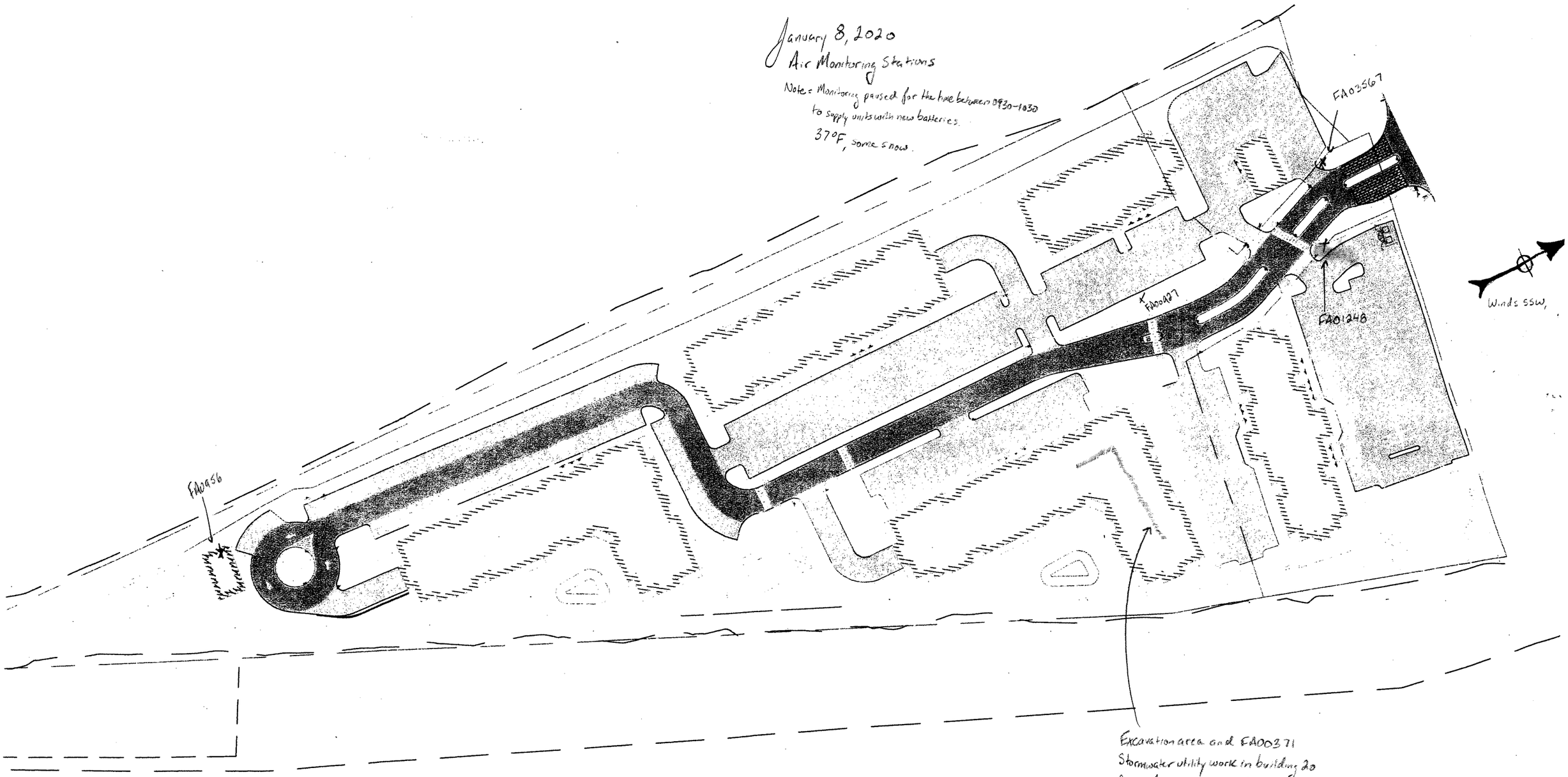
1/7/2020



January 8, 2020
Air Monitoring Stations

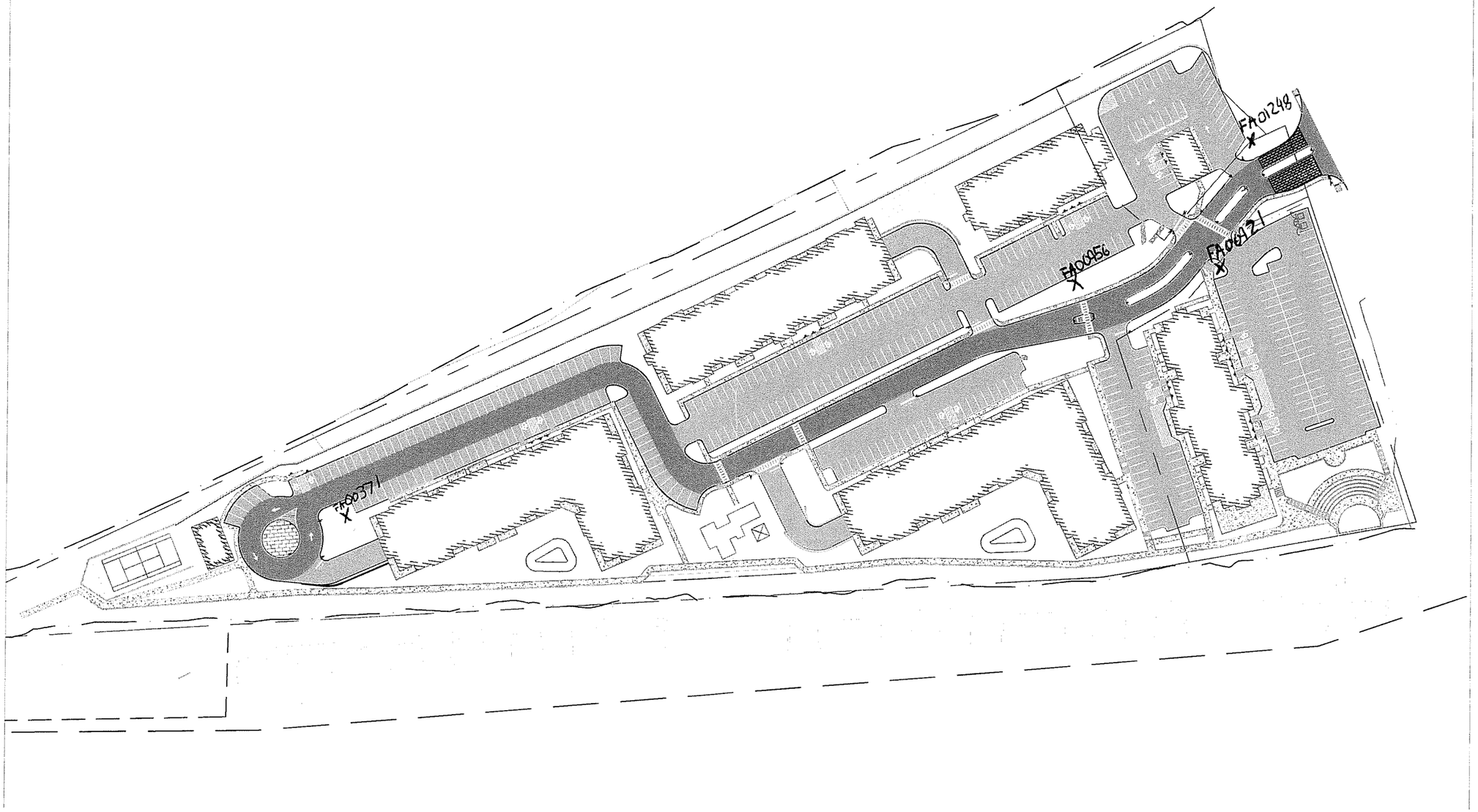
Note = Monitoring paused for the hour between 0930-1030 to supply units with new batteries.

37°F, some snow.

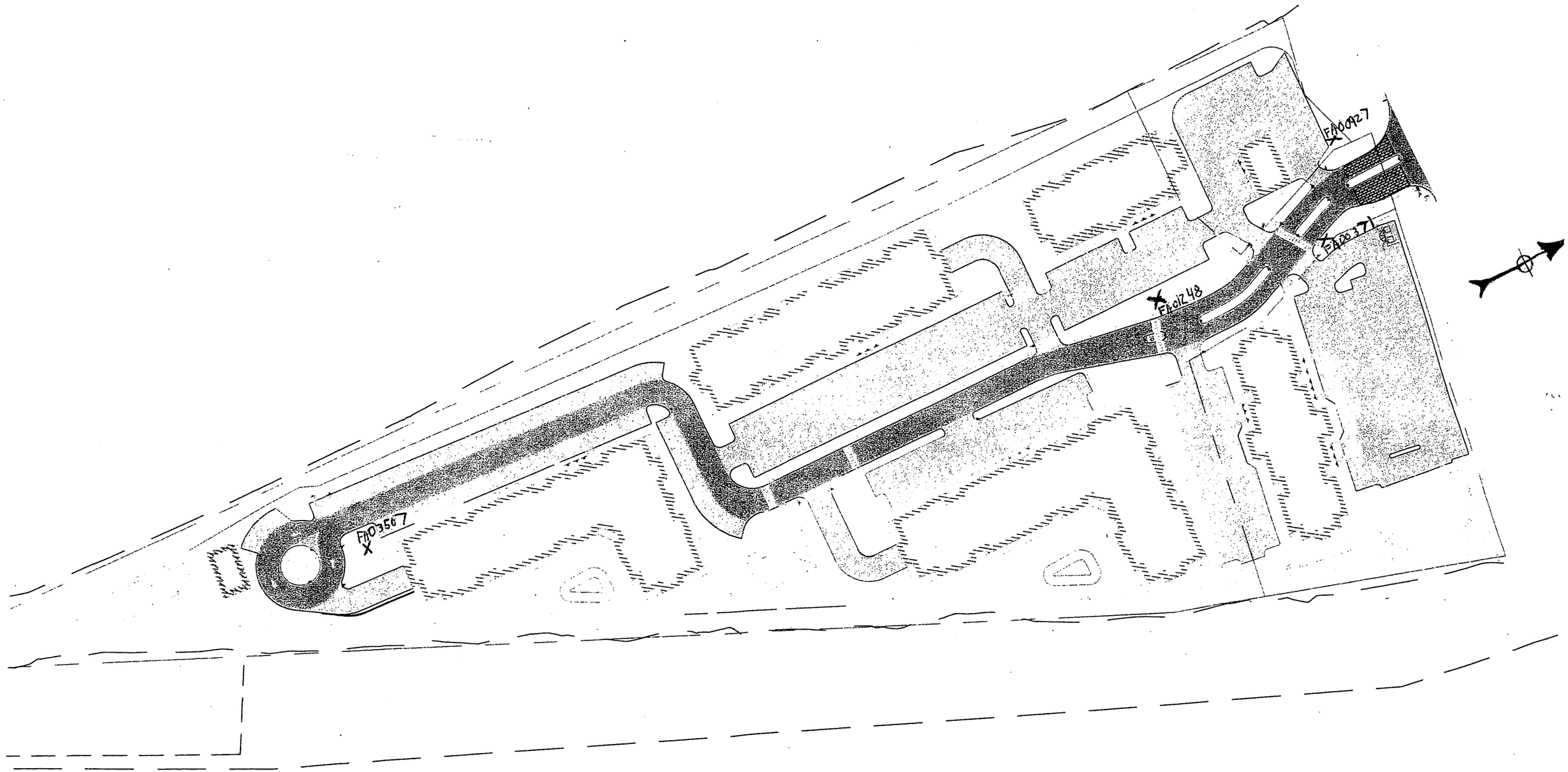


1/9/19

PID Locations

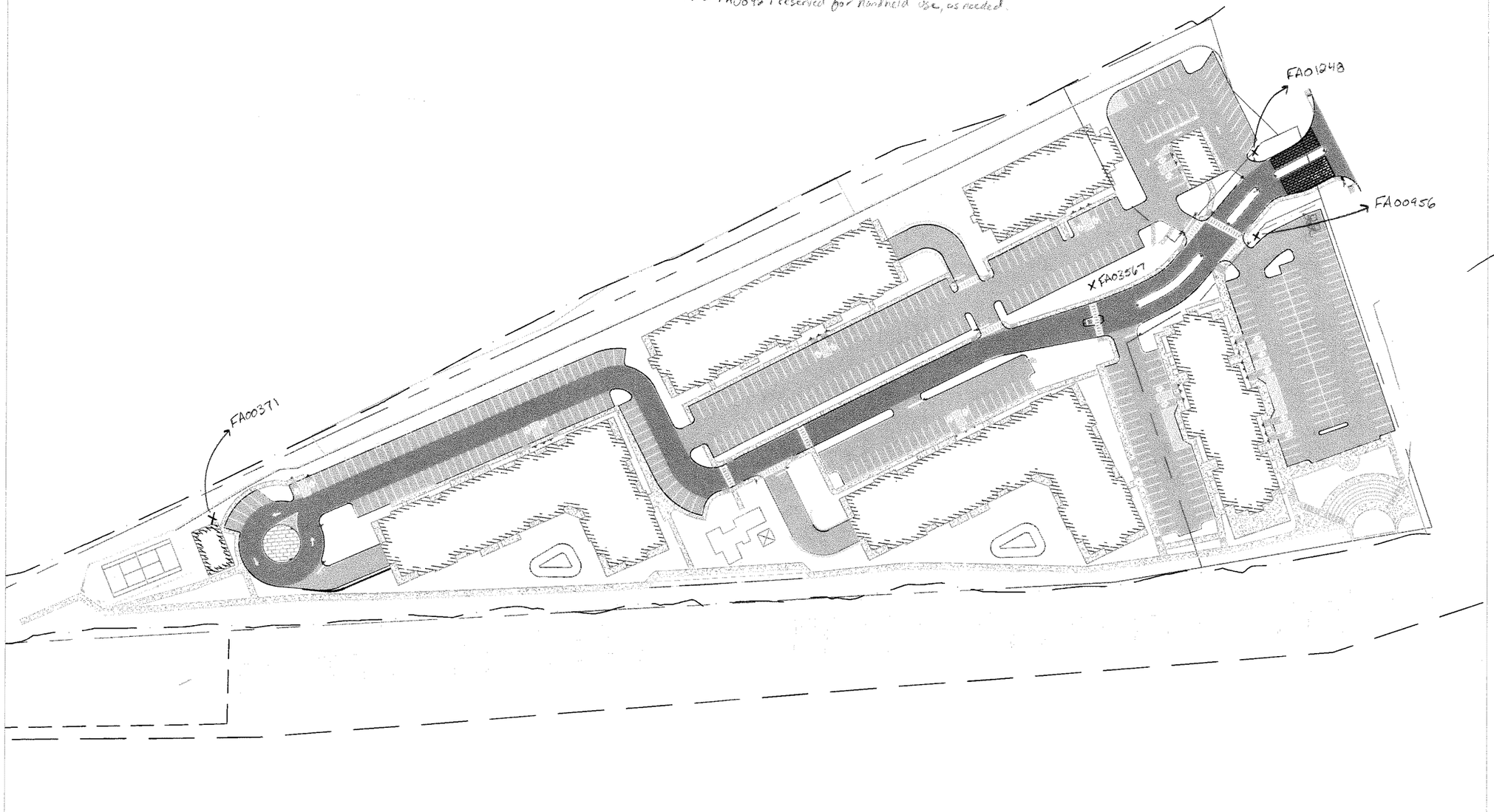


1/10/20
PID Locations



Air Monitoring Stations 1/13/2020

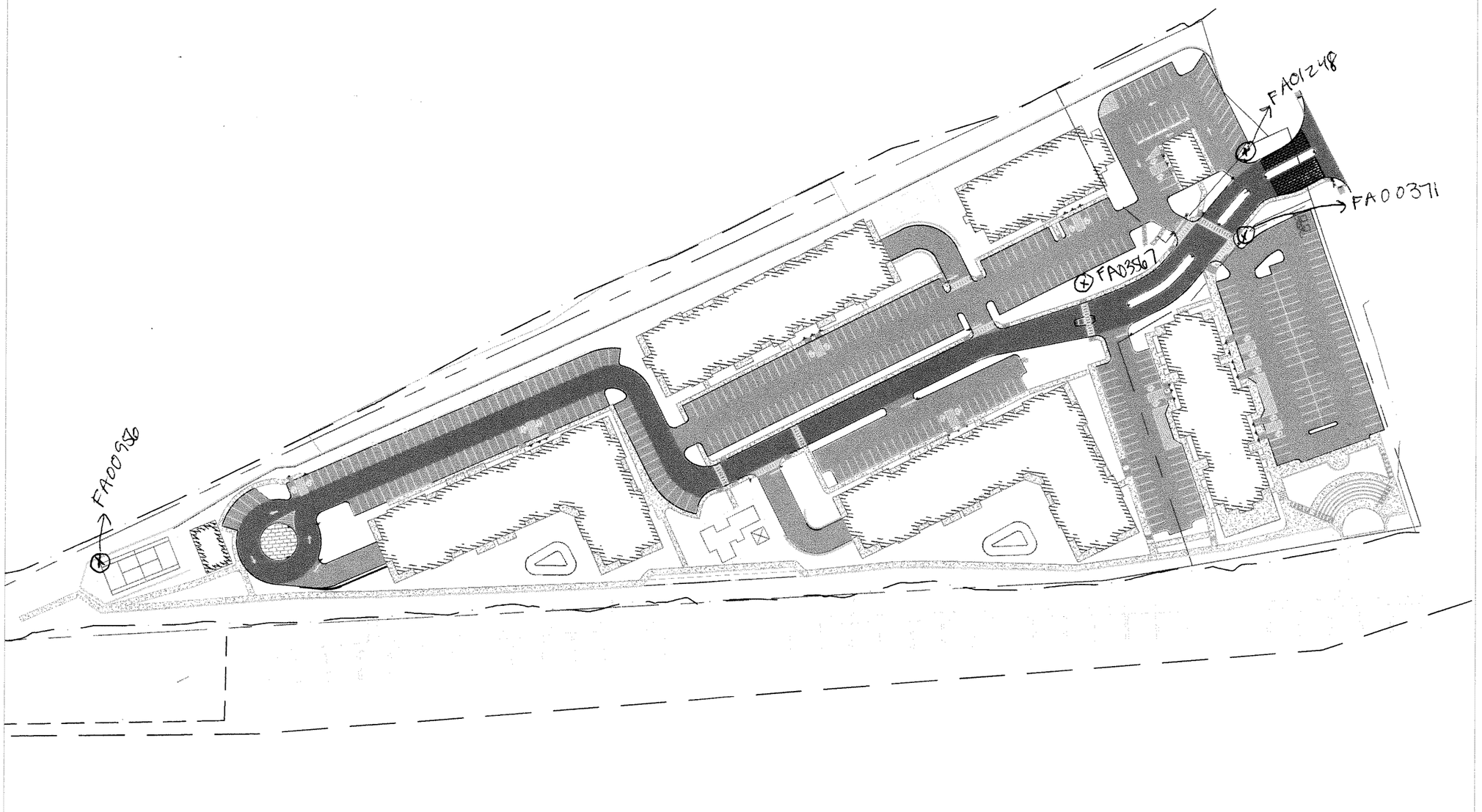
• PID FA00927 reserved for handheld use, as needed.



January 13, 2020
Green Island Interim SMP Fieldwork PM Update

Note that PID unit batteries were changed between 12:30 and 13:00.

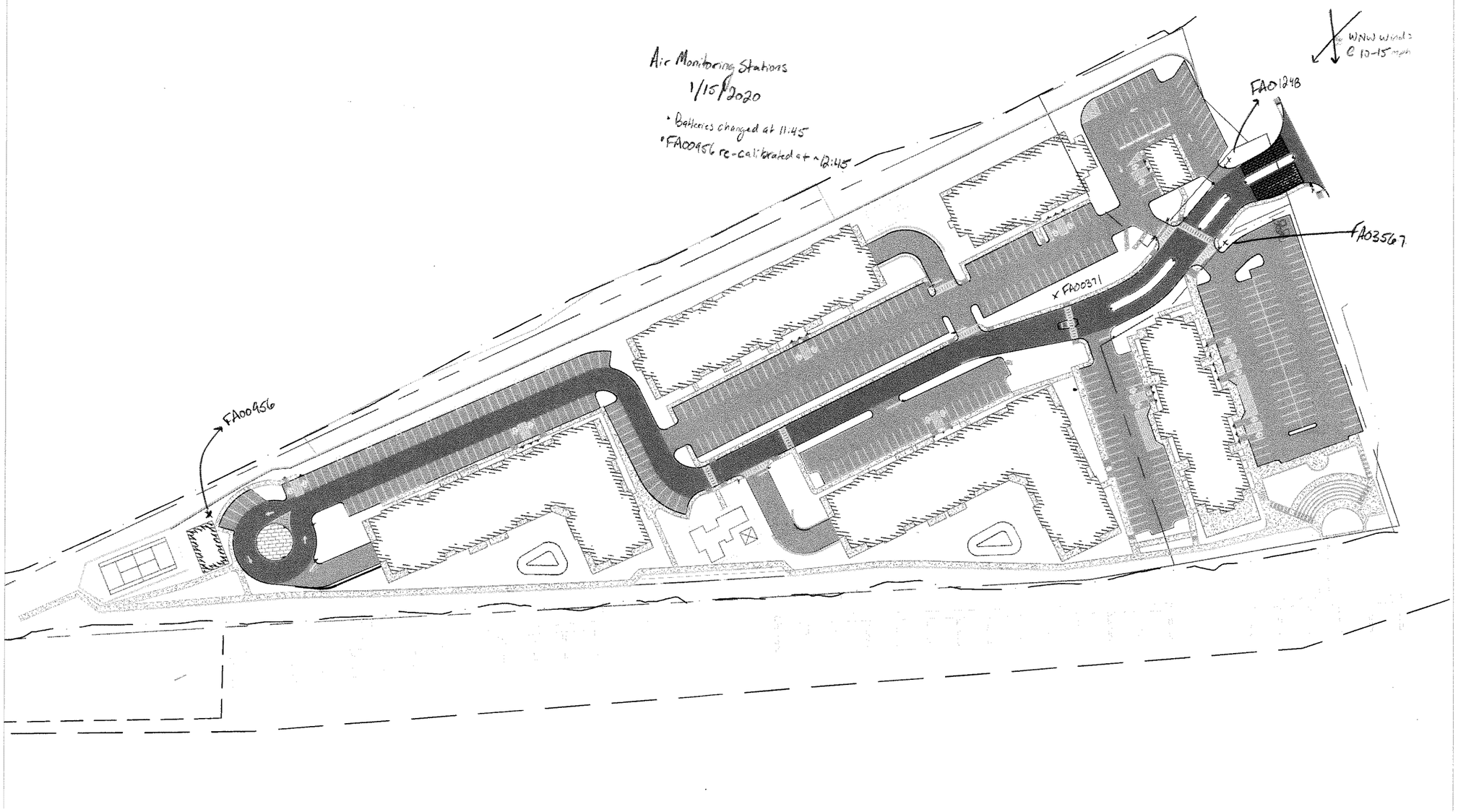
1/14/2020
PID monitoring
SSW wind



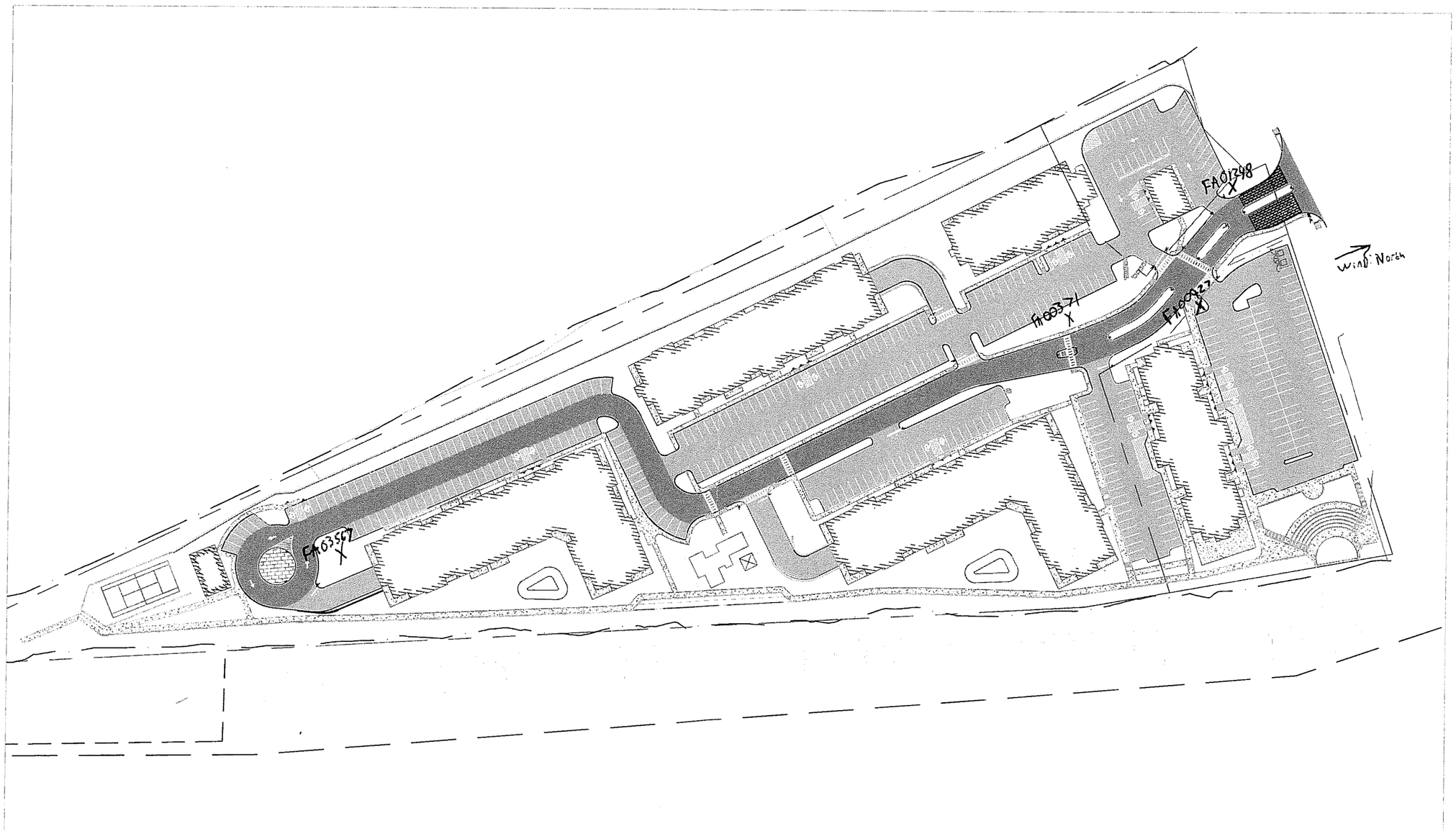
Air Monitoring Stations

1/15/2020

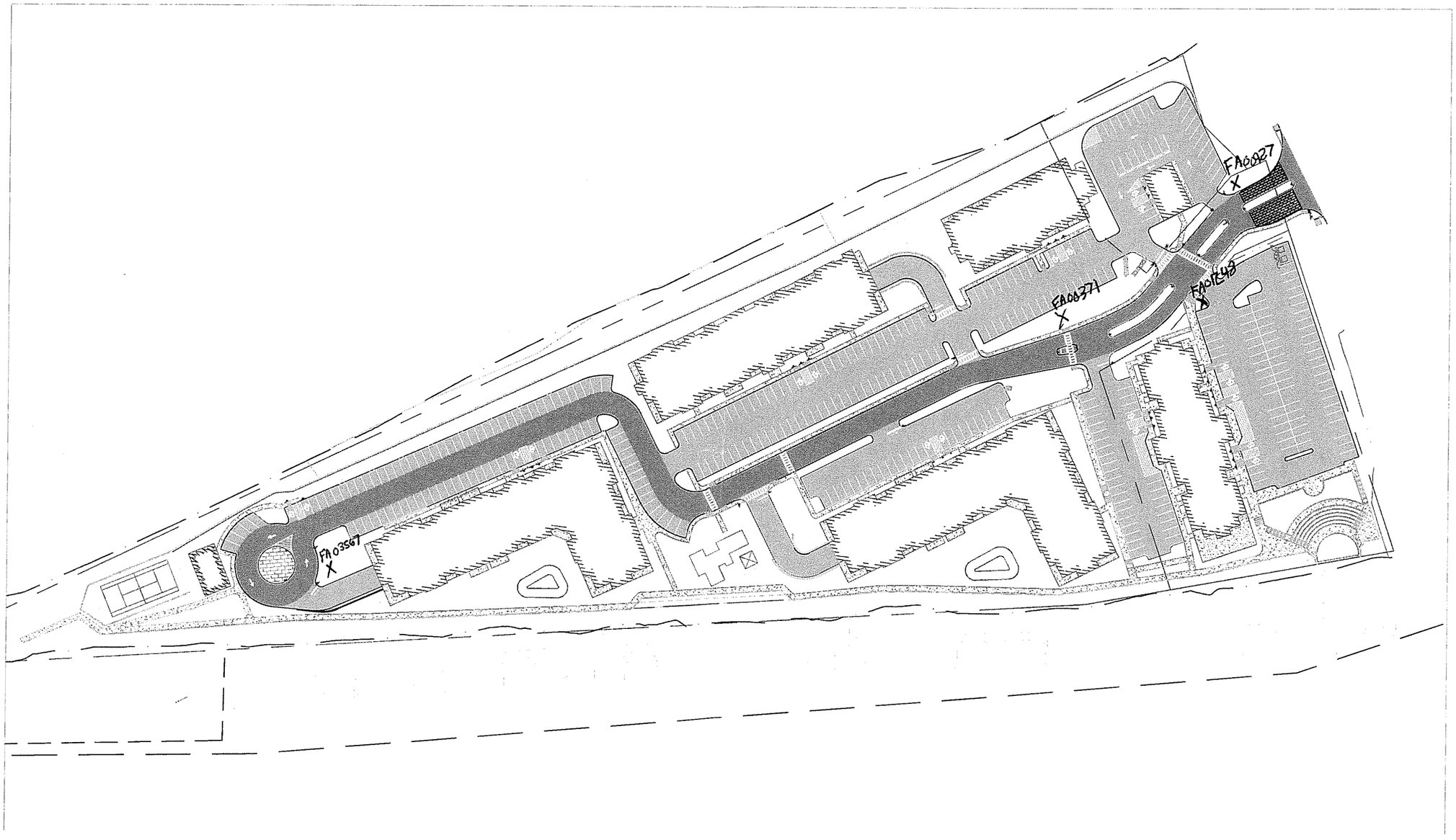
* Batteries changed at 11:45
* FA00956 re-calibrated at ~12:45



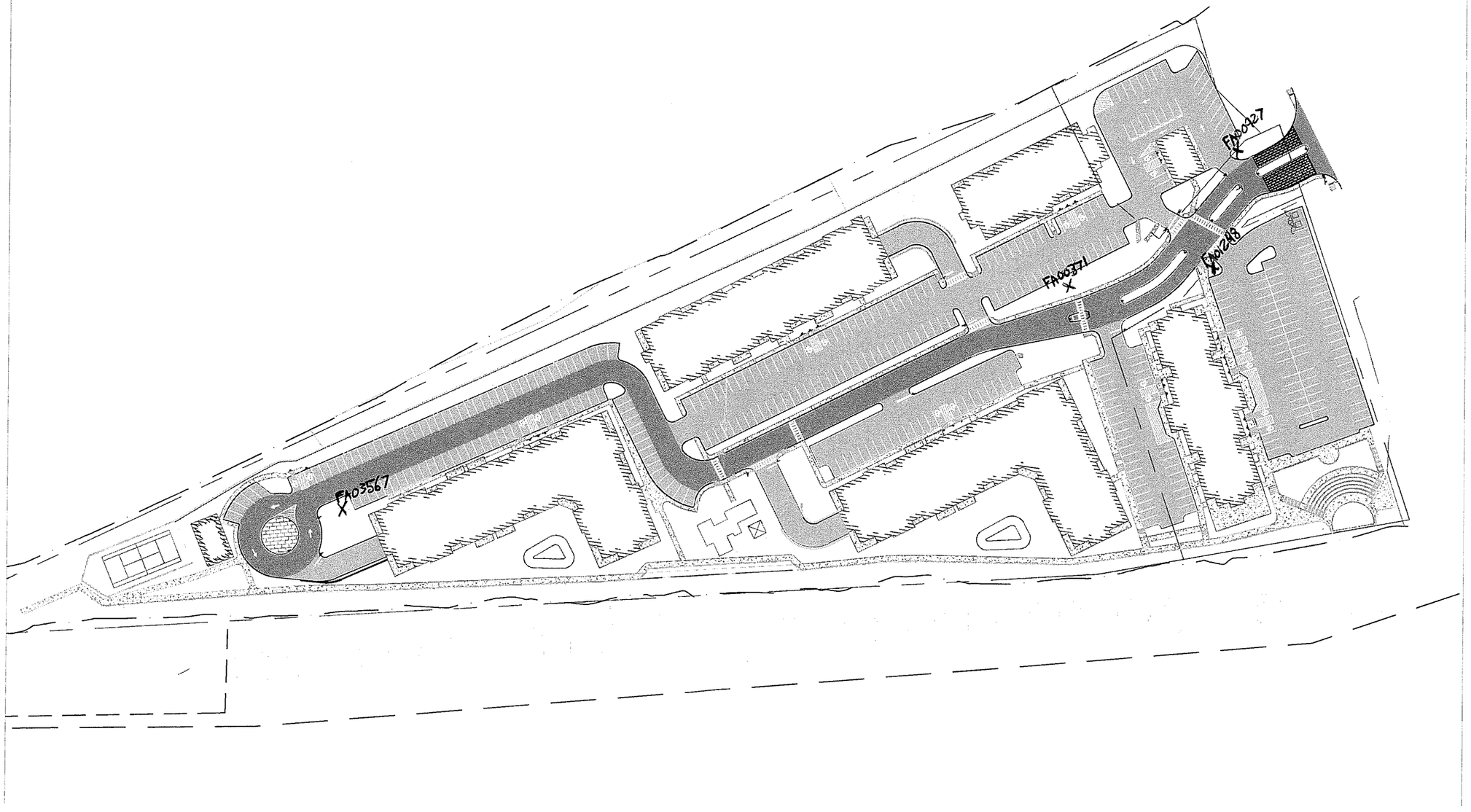
1/22/2020
PID Locations



PID Locations
1/23/2020

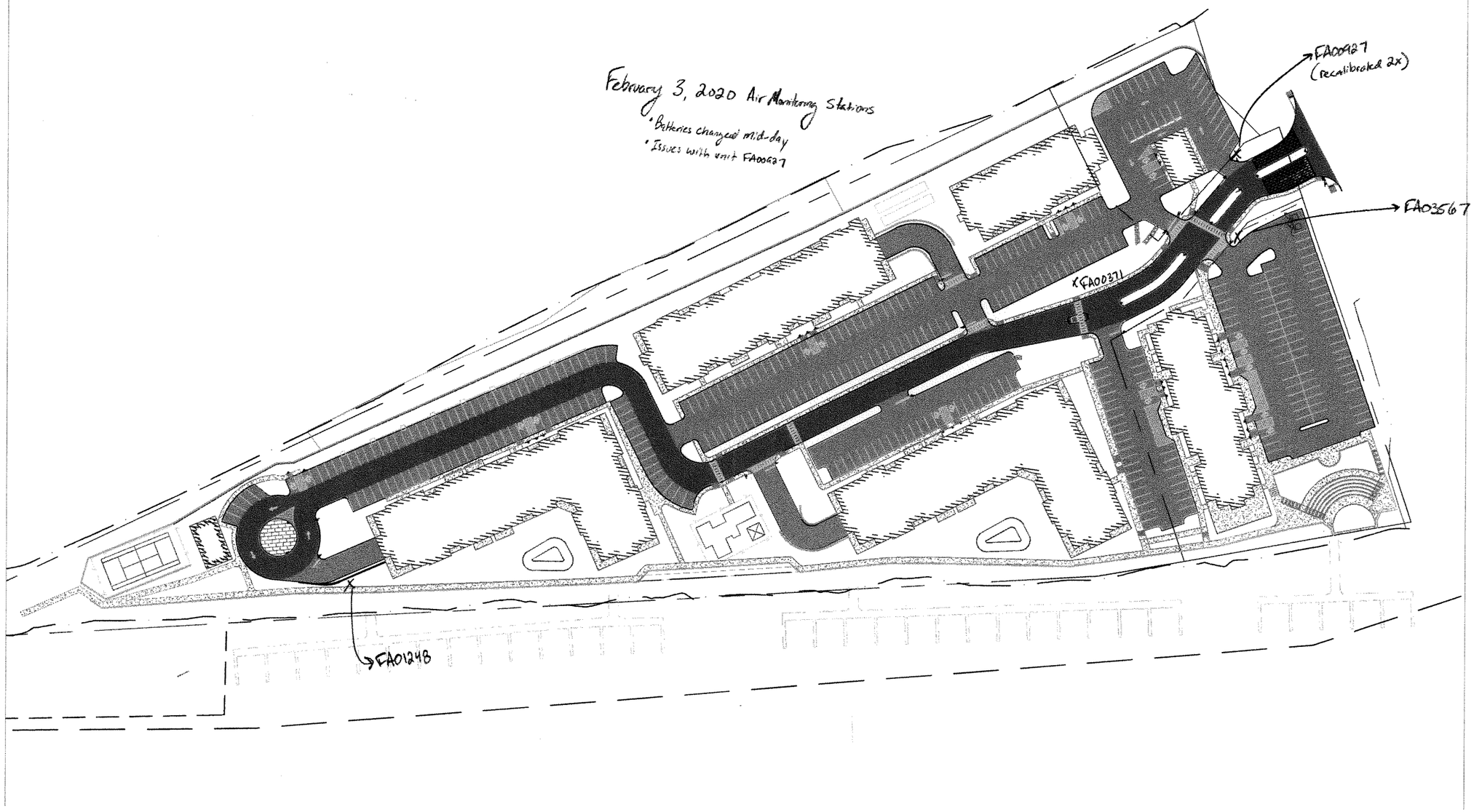


1/24/2020
PID Locations



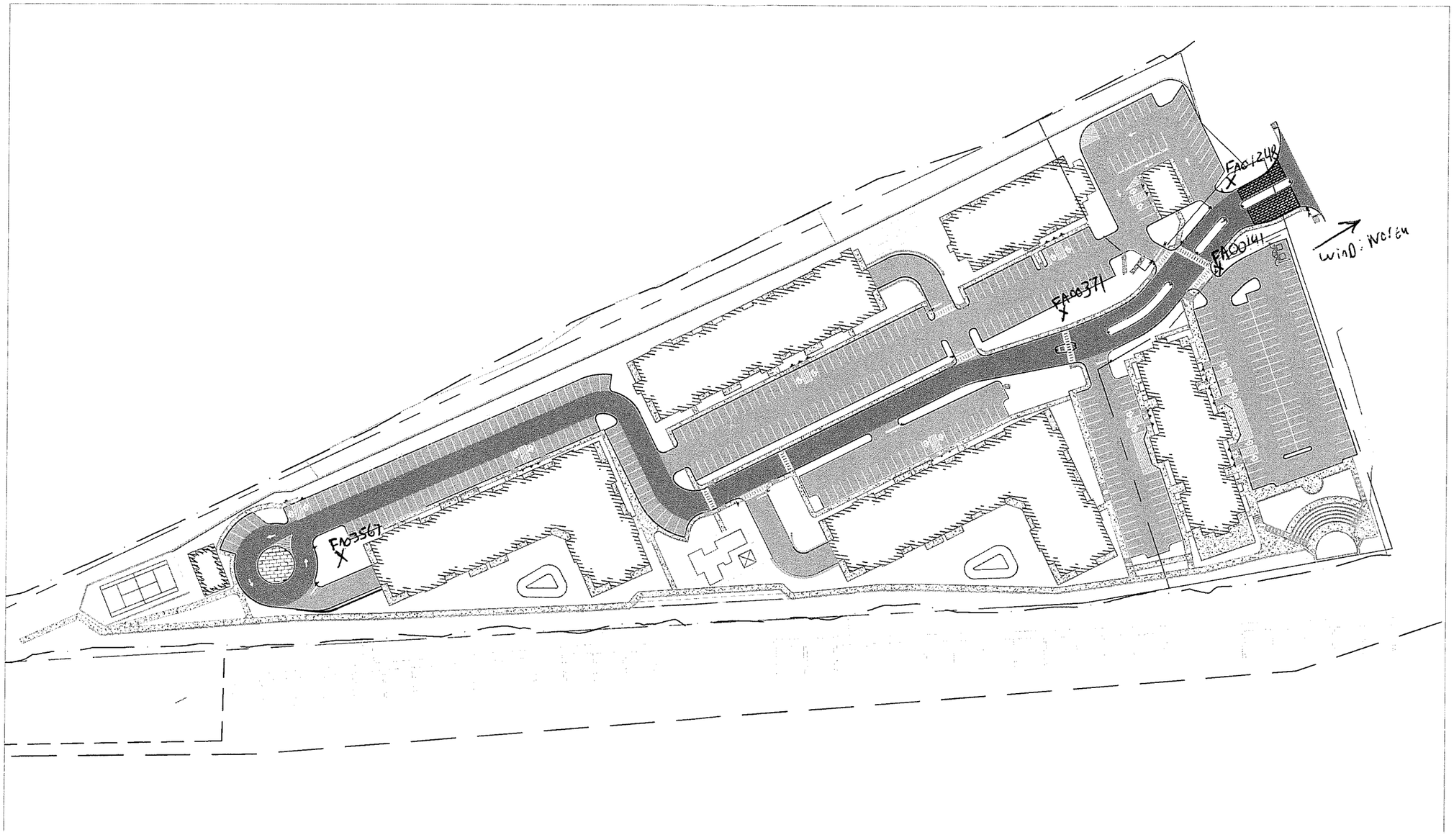
February 3, 2020 Air Monitoring Stations

- Batteries changed mid-day
- Issues with unit FA00437



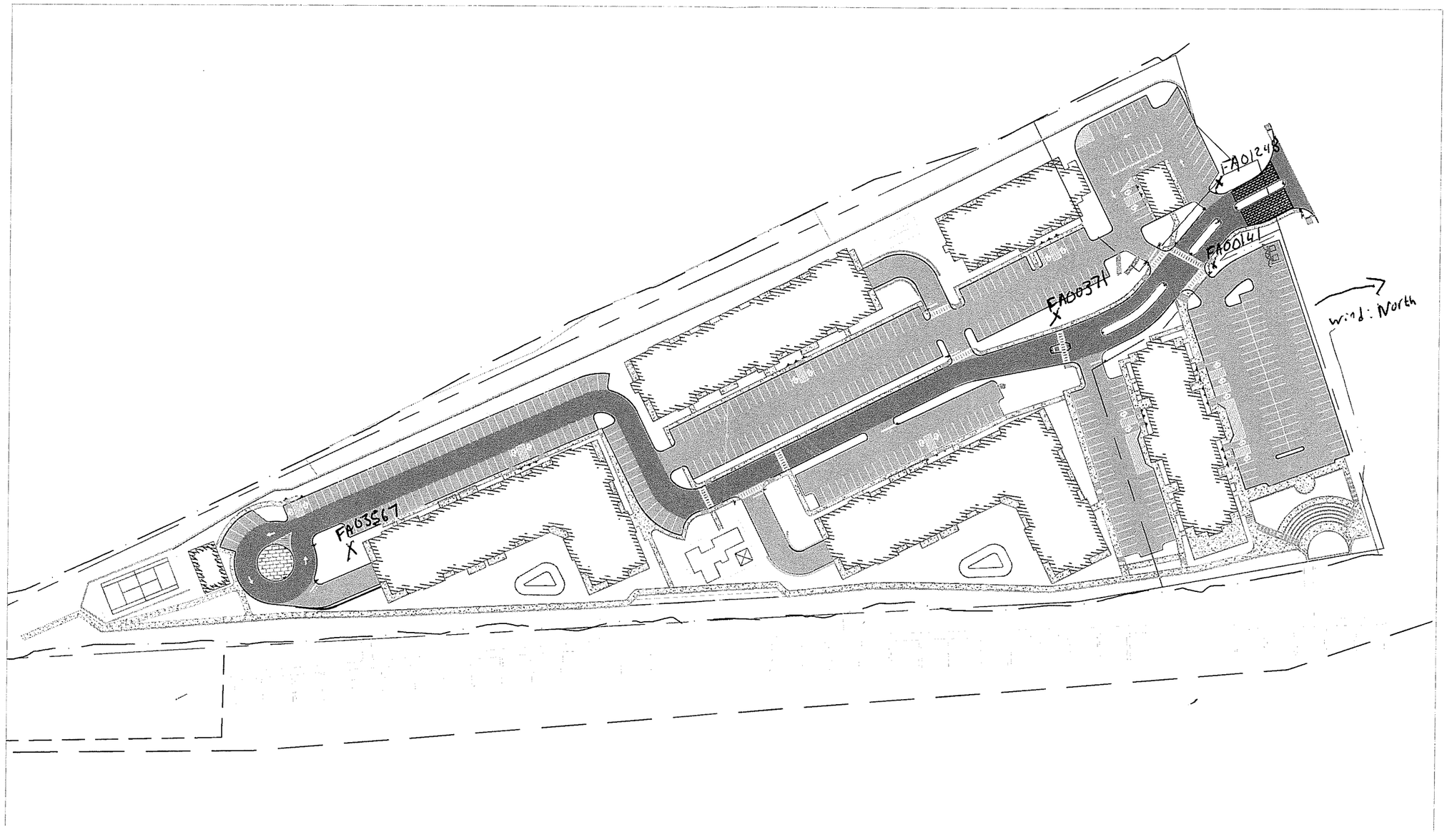
2/12/2020

PID Locations

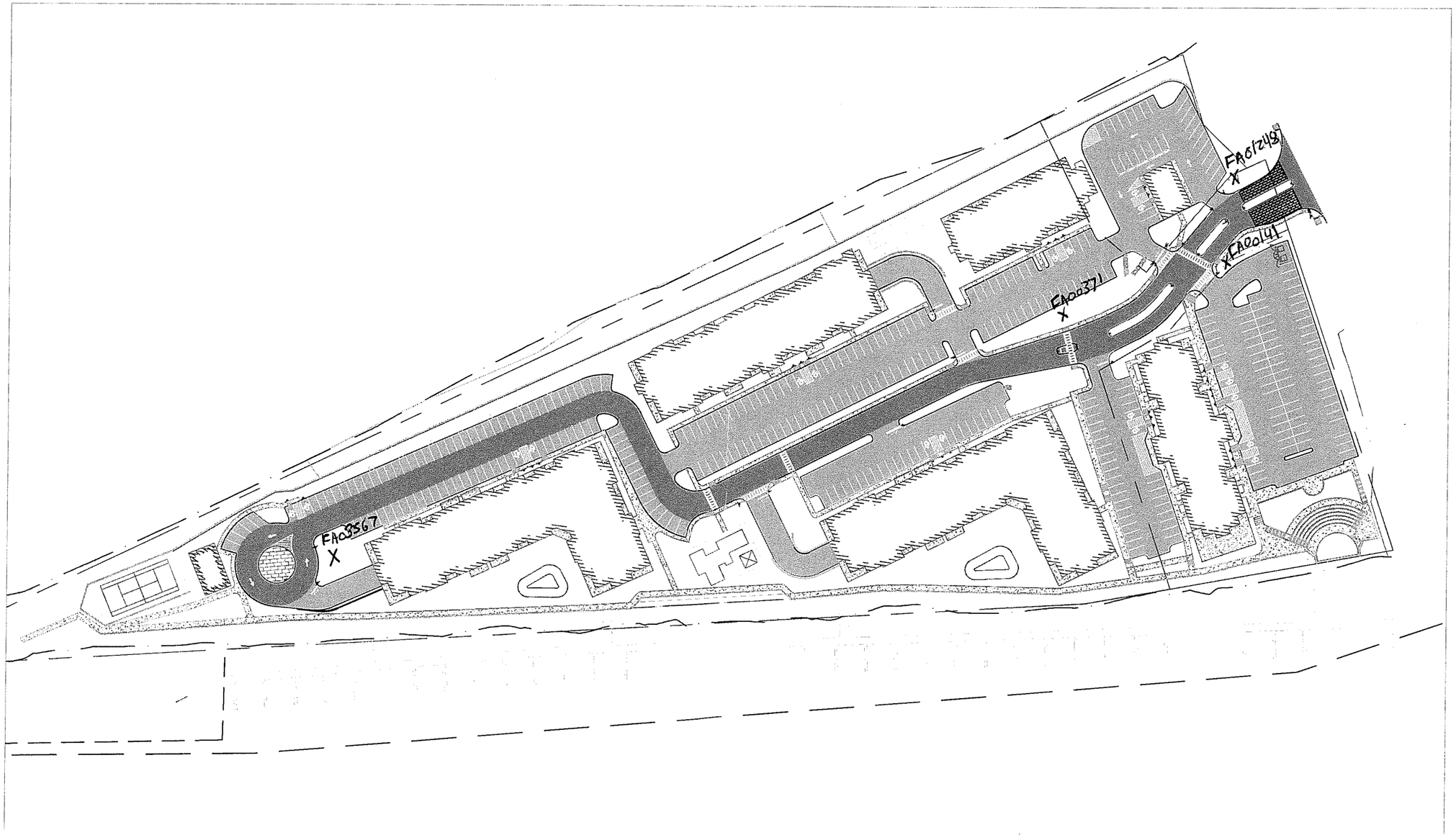


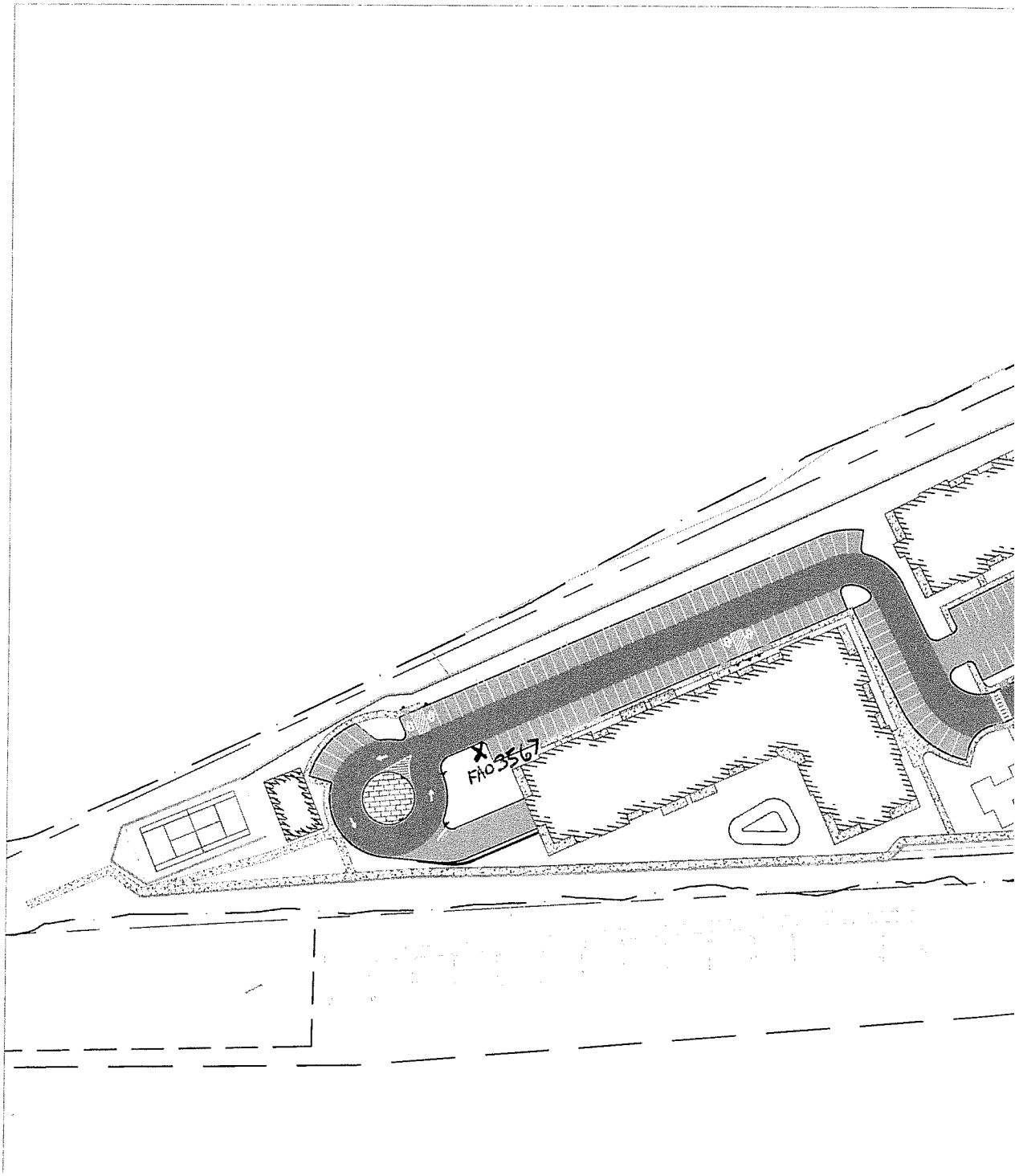
2/13/2020

PID Locations

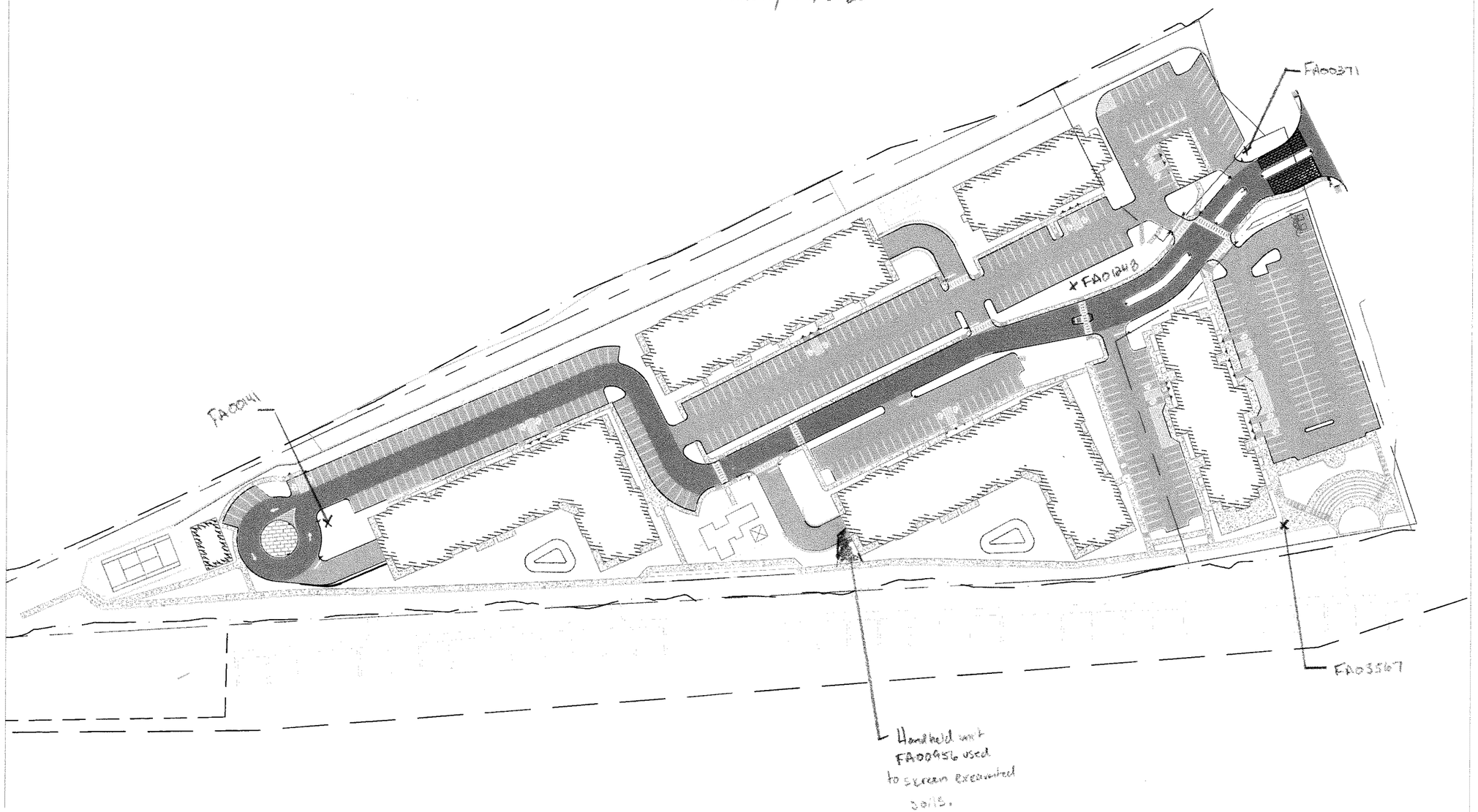


2/14/20 PID Locations



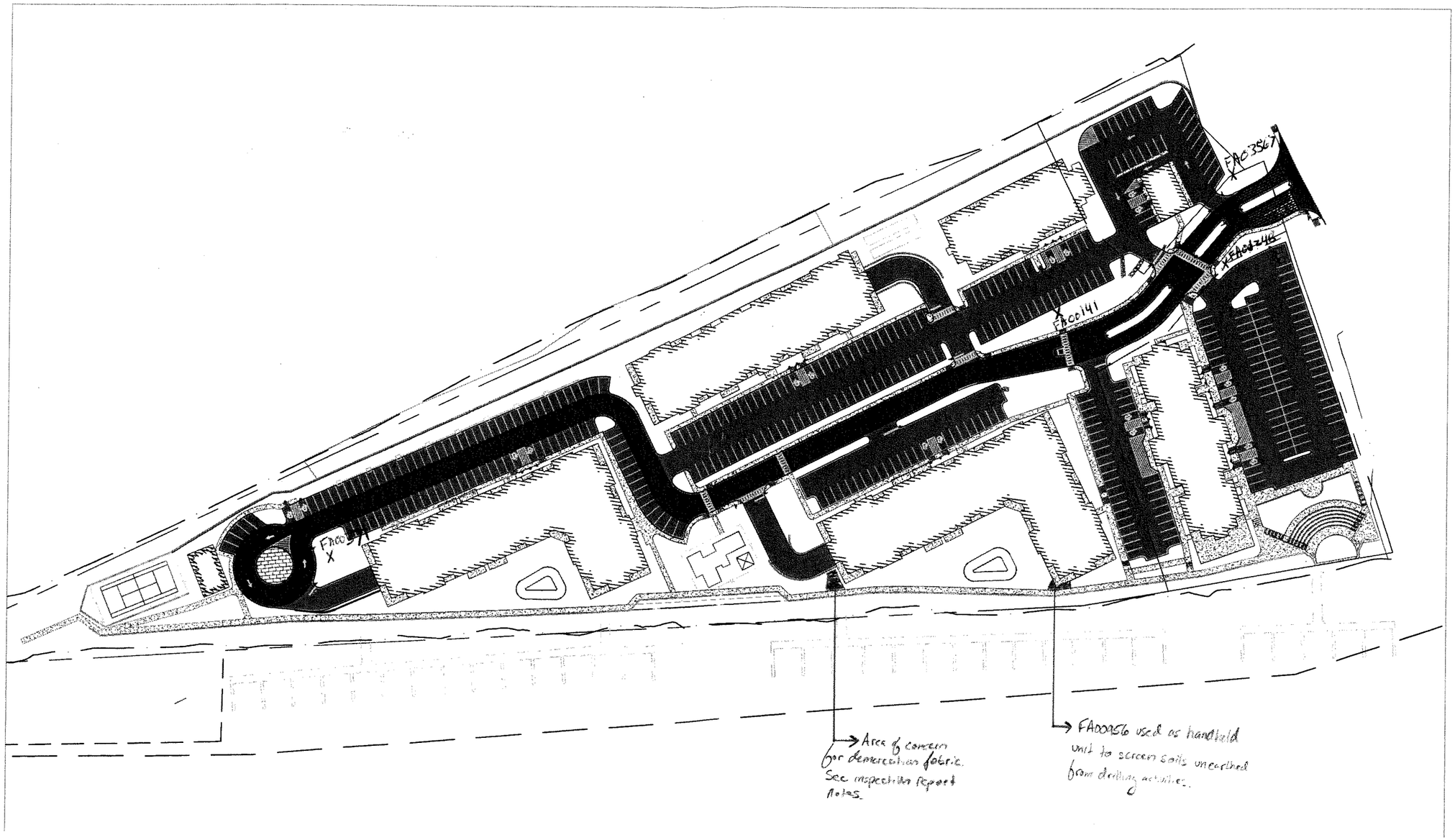

FH03567

Air Monitoring Stations
February 9, 2020

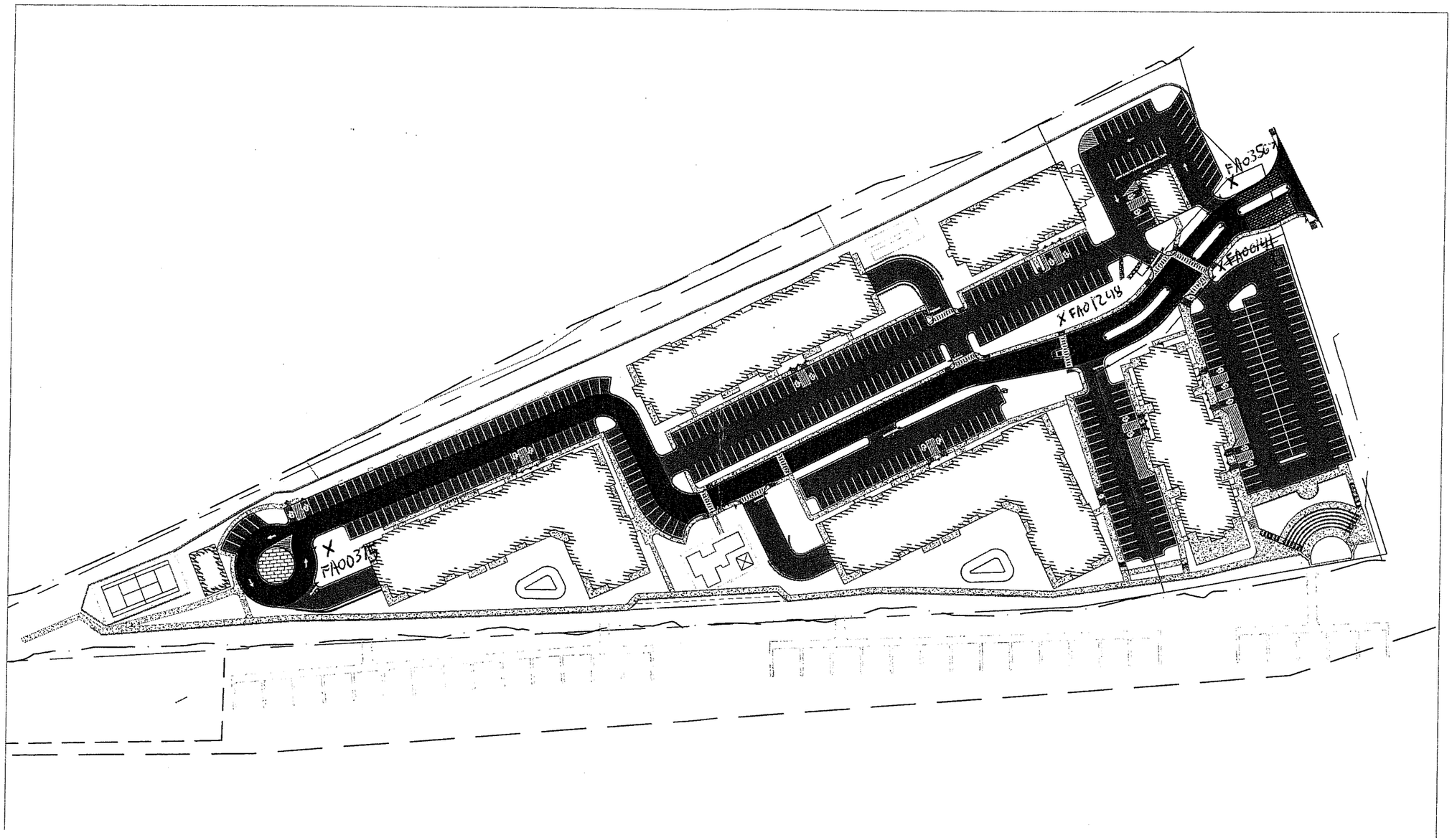


WNW wind @ 10-15mph

2/20/2020 PID Locations

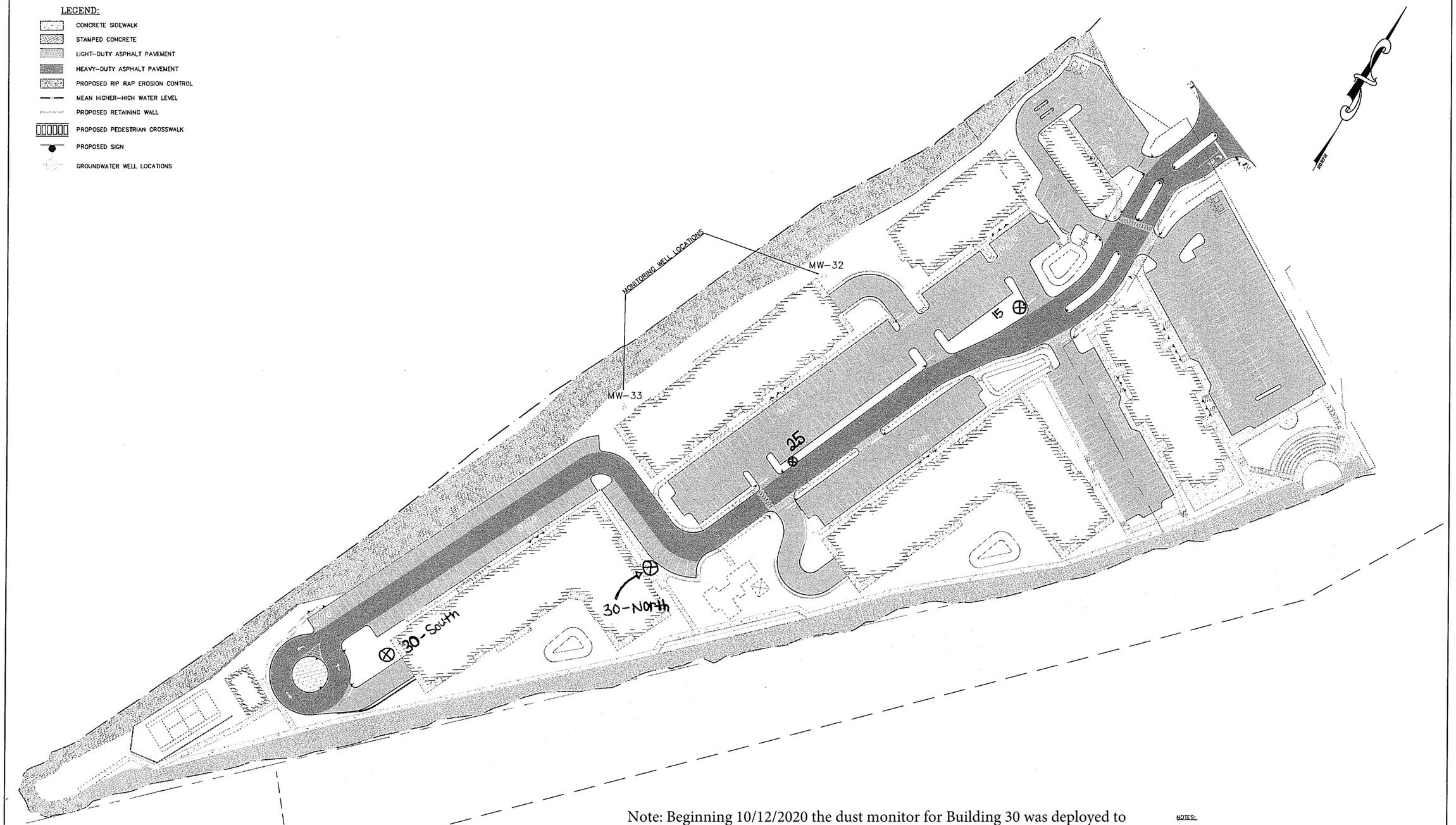


2/21/2020 PID Locations



LEGEND:

- CONCRETE SIDEWALK
- STAMPED CONCRETE
- LIGHT-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- PROPOSED RIP RAP EROSION CONTROL
- MEAN HIGHER-HIGH WATER LEVEL
- PROPOSED RETAINING WALL
- PROPOSED PEDESTRIAN CROSSWALK
- PROPOSED SIGN
- GROUNDWATER WELL LOCATIONS



Note: Beginning 10/12/2020 the dust monitor for Building 30 was deployed to either the north or south of the building depending on where construction was primarily taking place for that day.

NOTES:

1. BASE MAP PROVIDED BY MCFARLAND JOHNSON, DRAWING TITLE: OVERALL SITE PLAN. DRAWING NO.: GP-01 REVISION 1 DATED 11/01/2018.
2. GROUND WATER WELL LOCATIONS ADDED FOR REFERENCE 10/8/2019.

ENVIROSPEC PROJECT #E17-1600

envirospec ENGINEERING & FIELD
349 NORTHERN BLVD. SUITE 3
ALBANY, NY 12204-1032
P:518.453.2203
F:518.453.2204

W.O.No.	REVISION	DATE	APR.
2	SOUTHERN RIPRAP REVISED	12/19	RF
1	WELL LABELS REVISED	11/19	RF

DRAWING STATUS: FOR REFERENCE ONLY

SOUTH ISLAND APARTMENTS SITE
STARBUCK DRIVE
TOWN OF GREEN ISLAND, ALBANY COUNTY, NEW YORK

Well Locations

SCALE: NTS | DRAWING NO.: R-3 | SHEET: 1 | REV. NO.: 2

Project Name: Green Island Remediation Instrument: DustTrak II
Job Number: E17-1600 task 016CW

Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	Location
5/5/2020	FA01477 (2604)	✓ 91%	✓	—	—	TR	B.25
5/5/2020	FA01861 (3002)	✓ 90%	✓	—	—	TR	Bldg 15
5/6/2020	FA01477	✓ 91%	✓	—	—	TR	B.25
5/6/2020	FA01861	✓ 90%	✓	—	—	TR	B.15
5/7/2020	FA01278 (1115)	✓ 91%	✓	—	—	RF	Bldg 15
5/7/2020	FA01477	✓ 92%	✓	—	—	RF	Bldg 25
5/8/2020	FA01477	✓ 91%	✓	—	—	TR	Bldg 15
5/8/2020	FA01278	✓ 92%	✓	—	—	TR	Bldg 25
5/11/2020	FA01278	✓ 92%	✓	—	—	TR	Bldg 15
5/11/2020	FA01477	✓ 91%	✓	—	—	TR	Bldg 25
5/12/2020	FA01278	✓ 82%	✓	—	—	TR	15
5/12/2020	FA01477	✓ 81%	✓	—	—	TR	25
5/13/2020	FA01278	✓ 93%	✓			TR	Bldg 25
5/13/2020	FA01477	✓ 91%	✓	—	—	TR	Bldg 15
5/14/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/14/2020	FA01477	✓ 91%	✓	—	—	TR	15
5/15/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/15/2020	FA01477	✓ 91%	✓	—	—	TR	15
5/18/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/18/2020	FA01477	✓ 91%	✓	—	—	TR	15
5/19/2020	FA01278	✓ 92%	✓	—	—	KT	15
5/19/2020	FA01477	✓ 91%	✓	—	—	KT	25
5/20/2020	FA01278	✓ 90%	✓	—	—	TR	15
5/20/2020	FA01477	✓ 90%	✓	—	—	TR	25
5/21/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/21/2020	FA01477	✓ 91%	✓	—	—	TR	15
5/22/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/22/2020	FA01477	✓ 91%	✓	—	—	TR	15
5/26/2020	FA01278	✓ 92%	✓	—	—	TR	25
5/26/2020	FA01477	✓ 90%	✓	—	—	TR	15
5/27/2020	FA01477	✓ 91%	✓	—	—	TR	25
5/27/2020	FA01278	✓ 92%	✓	—	—	TR	15
5/28/2020	FA01477	✓ 91%	✓	—	—	TR	25
5/28/2020	FA01278	✓ 92%	✓	—	—	TR	15
5/29/2020	FA01477	✓ 91%	✓	—	—	TR	25
5/29/2020	FA01278	✓ 92%	✓	—	—	TR	15
6/1/2020	FA01278	✓ 92%	✓	—	—	TR	15
6/1/2020	FA01477	✓ 91%	✓	—	—	TR	25
6/2/2020	FA01278	✓ 92%	✓	—	—	TR	25
6/2/2020	FA01477	✓ 91%	✓	—	—	TR	15

Project Name: Green Island Remediation Instrument: DustTrak II
Job Number: E17-1600 task 016CW

Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	
6/3/2020	FA01278	✓90%	✓	–	–	TR	25
6/3/2020	FA01477	✓89%	✓	–	–	TR	15
6/4/2020	FA01477	✓92%	✓	–	–	KT	15
6/4/2020	FA01278	✓92%	✓	–	–	KT	25
6/8/2020	FA01477	✓89%	✓	–	–	~~KT~~	15
6/8/2020	FA01278	✓89%	✓	–	–	~~KT~~	25
6/9/2020	FA01477	✓91%	✓	–	–	KT	15
6/9/2020	FA01278	✓92%	✓	–	–	KT	25
6/15/2020	FA01278	✓90%	✓	–	–	TR	25
6/15/2020	FA01477	✓89%	✓	–	–	TR	15
6/16/2020	FA01477	✓93%	✓	–	–	TR	25
6/16/2020	FA01278	✓96%	✓	–	–	TR	15
6/17/2020	FA01278	✓95%	✓	–	–	KT	15
6/17/2020	FA01477	✓91%	✓	–	–	KT	25
6/18/2020	FA01477	✓91%	✓	–	–	KT	15
6/18/2020	FA01278	✓95%	✓	–	–	KT	25
6/19/2020	FA01477	✓91%	✓	–	–	TR	15
6/19/2020	FA01278	✓95%	✓	–	–	TR	25
6/22/2020	FA01278	✓95%	✓	–	–	TR	25
6/22/2020	FA01477	✓91%	✓	–	–	TR	15
6/23/2020	FA01278	✓94%	✓	–	–	TR	15
6/23/2020	FA01477	✓91%	✓	–	–	TR	25
6/24/2020	FA01477	✓91%	✓	–	–	TR	~~15~~ 25
6/24/2020	FA01278	✓95%	✓	–	–	TR	15
6/25/2020	FA01278	✓95%	✓	–	–	KT	15
6/25/2020	FA01477	✓91%	✓	–	–	KT	25
6/26/2020	FA01278	✓94%	✓	–	–	KT	15
6/26/2020	FA01477	✓91%	✓	–	–	KT	25
6/29/2020	FA01477	✓90%	✓	–	–	TR	15
6/29/2020	FA01278	✓93%	✓	–	–	TR	25
6/30/2020	FA01477	91%	✓	–	–	RF	25
6/30/2020	FA01278	93%	✓	–	–	RF	15
7/1/2020	FA01477	✓91%	✓	–	–	TR	15
7/1/2020	FA01278	✓93%	✓	–	–	TR	25
7/2/2020	FA01477	✓90%	✓	–	–	KT	25
7/2/2020	FA01278	✓92%	✓	–	–	KT	15
7/6/2020	FA01278	✓95%	✓	–	–	KT	15
7/6/2020	FA01477	✓91%	✓	–	–	KT	25
7/7/2020	FA01477	✓91%	✓	–	–	TR	25
7/7/2020	FA01278	✓96%	✓	–	–	TR	15

Note = Unit FA01477 = SN: 853014126044
Unit FA01278 = SN: 853014111115

Project Name: Green Island Remediation Instrument: DustTrak II
Job Number: E17-1600 task 016CW

Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	
7/8/2020	FA01278	√95%	✓	—	—	KT	15
7/8/2020	FA01477	√90%	✓	—	—	KT	25
7/9/2020	FA01278	√91%	✓	—	—	KT	15
7/9/2020	FA01477	√86%	✓	—	—	KT	25
7/10/2020	FA01278	√97%	✓	—	—	TR	25
7/10/2020	FA01477	√91%	✓	—	—	TR	15
7/13/2020	FA01477	√88%	✓	—	—	KT	15
7/13/2020	FA01278	√89%	✓	—	—	KT	25
7/14/2020	FA01477	√91%	✓	—	—	KT	15
7/14/2020	FA01278	√94%	✓	—	—	KT	25
7/15/2020	FA01278	√96%	✓	—	—	KT	15
7/15/2020	FA01477	√91%	✓	—	—	KT	25
7/16/2020	FA01477	√89%	✓	—	—	KT	15
7/16/2020	FA01278	√88%	✓	—	—	KT	25
7/17/2020	FA01477	√91%	✓	—	—	TR	15
7/17/2020	FA01278	√96%	✓	—	—	TR	25
7/20/2020	FA01477	√91%	✓	—	—	KT	15
7/20/2020	FA01278	√95%	✓	—	—	KT	25
7/21/2020	FA03635	√91%	✓	—	—	KT	15
7/21/2020	FA01278	√95%	✓	—	—	KT	25
7/22/2020	FA01278	√96%	✓	—	—	KT	15
7/22/2020	FA03635	√91%	✓	—	—	KT	25
7/23/2020	FA03635	√91%	✓	—	—	KT	15
7/23/2020	FA01278	√95%	✓	—	—	KT	25
7/24/2020	FA03635	√90%	✓	—	—	KT	15
7/24/2020	FA01278	√89%	✓	—	—	KT	25
7/27/2020	FA01278	√95	✓	—	—	TR	15
7/27/2020	FA03635	√91	✓	—	—	TR	25
7/28/2020	FA03635	√90%	✓	—	—	KT	15
7/28/2020	FA01278	√92%	✓	—	—	KT	25
7/29/2020	FA01278	√93%	✓	—	—	KT	15
7/29/2020	FA03635	√90%	✓	—	—	KT	25
7/30/2020	FA01278	√93%	✓	—	—	KT	15
7/30/2020	FA03635	√91%	✓	—	—	KT	25
7/31/2020	FA01278	√93%	✓	—	—	KT	15
7/31/2020	FA03635	√91%	✓	—	—	KT	25
08/03/2020	FA01278	√93	✓	—	—	TR	15
08/03/2020	FA03635	√90	✓	—	—	TR	25
08/03/8020	FA03623	√84	✓	—	—	TR	30 - North

Note: Unit FA01477 = SN: 8530142604 Unit FA03635 = SN = 8530182512
Unit FA01278 = SN = 8530141115

Project Name: Green Island Remediation Instrument: DustTrak II
Job Number: E17-1600 task 016CW

Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	
8/5/20	FA01278	✓92	✓	—	—	TR	15
|	FA03623	✓91	✓	—	—	TR	25
	FA03635	✓90	✓	—	—	TR	30 - North
8/6/20	FA01278	✓93	✓	—	—	TR	15
|	FA03623	✓94	✓	—	—	TR	25
	FA03635	✓91	✓	—	—	TR	30 - North
8/10/20	FA03623	✓87	✓	—	—	TR	15
|	FA01278	✓91	✓	—	—	TR	25
	FA03635	✓90	✓	—	—	TR	30 - North
8/11/20	FA03623	✓94	✓	—	—	TR	15
|	FA01278	✓95	✓	—	—	TR	25
	FA03635	✓90	✓	—	—	TR	30 - North
8/12/20	FA03623	✓94%	✓	—	—	KT	15
|	FA01278	✓94%	✓	—	—	KT	20
	FA03635	✓91%	✓	—	—	KT	30 - North
8/13/20	FA03623	✓94	✓	—	—	TR	15
|	FA03635	✓91	✓	—	—	TR	25
	FA01278	✓95	✓	—	—	TR	30 - North
8/14/20	FA03635	✓91	✓	—	—	TR	30 - North
|	FA01278	✓96	✓	—	—	TR	25
	FA03623	✓93	✓	—	—	TR	15
8/17/20	FA03623	✓94	✓	—	—	RF	15
|	FA01278	✓95	✓	—	—	RF	25
	FA03635	✓91	✓	—	—	RF	30 - North
8/18/20	FA01278	✓94	✓	—	—	TR	15
|	FA03635	✓91	✓	—	—	TR	30 - North
	FA03623	✓94	✓	—	—	TR	25
8/19/20	FA01278	✓94	✓	—	—	RF	15
|	FA03635	✓91	✓	—	—	RF	30 - North
	FA03623	✓93	✓	—	—	RF	25
8/20/20	FA03635	✓91	✓	—	—	RF	30 - North
8/20/20	FA03623	✓93	✓	—	—	RF	25
|	FA01278	✓94	✓	—	—	RF	15
8/21/20	FA03635	✓90	✓	—	—	KT	15
|	FA01278	✓92	✓	—	—	KT	25
	FA03623	No label	✓	—	—	KT	30 - North
8/24/2020	FA01278	✓94	✓	—	—	KT	15
|	FA03635	✓89	✓	—	—	KT	25
	FA03623	✓92	✓	—	—	KT	30 - North

Note: FA01278 = SN 8530141115 FA03623 = SN 8530182511

FA03635 = SN [redacted]

Project Name:	Green Island Remediation		Instrument:		PID - MiniRae 3000		
Job Number:	E17-1600 task 016CW						
	Interim Site Management Fieldwork						
Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	Comments
8/25/2020	FA0 36 23	√ 93	√	—	—	KT	15
|	FA01278	√92	√	—	—	KT	25
|	FA03635	√90	√	—	—	KT	30-North
8/26/2020	FA03623	√91	√	—	—	KT	25
|	FA01278	√90	√	—	—	KT	30-North
|	FA03635	√89	√	—	—	KT	15
8/28/2020	FA01278	√93	√	—	—	KT	15
|	FA03623	√91	√	—	—	KT	25
|	FA03635	√90	√	—	—	KT	30-North
8/31/2020	FA01278	√90	√	—	—	KT	15
|	FA03635	√87	√	—	—	KT	25
|	FA03623	√90	√	—	—	KT	30-North
9/1/2020	FA03635	√89	√	—	—	KT	15
|	FA01278	√90	√	—	—	KT	25
|	FA03623	√91	√	—	—	KT	30-North
9/3/2020	FA01278	√89	√	—	—	KT	15
|	FA03623	√89	√	—	—	KT	25
|	FA03635	√87	√	—	—	KT	30-North
9/4/2020	FA01278	√92	√	—	—	TR	30-North
|	FA03623	√94	√	—	—	TR	25
|	FA03635	√91	√	—	—	TR	15
9/8/2020	FA01278	√92	√	—	—	TR	25
|	FA03635	√91	√	—	—	TR	30-North
|	FA03623	√92	√	—	—	TR	15
9/9/2020	FA01278	√91	√	—	—	KT	15
|	FA03623	√93	√	—	—	KT	25
|	FA03635	√90	√	—	—	KT	30-North
9/10/20	FA03635	√90	√	—	—	KT	15
|	FA03623	√91	√	—	—	KT	25
|	FA01278	√90	√	—	—	KT	30-North
9/11/20	FA03635	√90	√	—	—	KT	15
|	FA03623	√92	√	—	—	KT	25
|	FA01278	√91	√	—	—	KT	30-North
9/14/20	FA01278	√91	√	—	—	KT	30-North
|	FA03623	√93	√	—	—	KT	25
|	FA03635	√90	√	—	—	KT	15
9/15/20	FA03635	√90	√	—	—	KT	30-North
|	FA01278	√90	√	—	—	KT	25
|	FA03623	√92	√	—	—	KT	15

Project Name:	Green Island Remediation		Instrument:		PID - MiniRae 3000		
Job Number:	E17-1600 task 016CW						
	Interim Site Management Fieldwork						
Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	Comments
9/16/20	FA03623	√ 91	√	—	—	KT	30-North
"	FA01278	√ 91	√	—	—	KT	25
"	FA03635	√ 89	√	—	—	KT	15
9/17/20	FA03635	√ 90	√	—	—	KT	30-North
"	FA03623	√ 92	√	—	—	KT	25
"	FA01278	√ 90	√	—	—	KT	15
9/18/20	FA03623	√ 90	√	—	—	KT	30-North
"	FA03635	√ 90	√	—	—	KT	25
"	FA01278	√ 90	√	—	—	KT	15
9/21/2020	FA03635	√ 90	√	—	—	KT	15
"	FA03623	√ 76	√	—	—	KT	25
"	~~FA03~~ FA01278	√ 90	√	—	—	KT	30-North
9/22/2020	FA01278	√ 91	√	—	—	KT	15
"	FA03635	√ 90	√	—	—	KT	25
"	FA03623	√ 91	√	—	—	KT	30-North
9/23/2020	FA03623	√ 92	√	—	—	KT	15
"	FA03635	√ 89	√	—	—	KT	25
"	FA01278	√ 90	√	—	—	KT	30-North
9/24/2020	FA01278	√ 90	√	—	—	KT	15
"	FA03623	√ 91	√	—	—	KT	25
"	FA03635	√ 89	√	—	—	KT	30-North
9/25/2020	FA03635	missing	√	—	—	KT	30-North
"	FA03623	√ 92	√	—	—	KT	25
"	FA01278	√ 90	√	—	—	KT	15
9/29/2020	FA03623	√ 93	√	—	—	TR	15
"	FA01278	√ 91	√	—	—	TR	30-North
"	FA03635	√ 78	√	—	—	TR	25
10/5/2020	FA03635	87 √	√	—	—	TR	15
"	FA03623	82 √	√	—	—	TR	30-North
"	FA01278	87 √	√	—	—	TR	25
10/6/2020	FA03635	90 √	√	—	—	KT	30-North
"	FA01278	92 √	√	—	—	KT	25
"	FA03623	93 √	√	—	—	KT	15
10/7/2020	FA03635	90 √	√	—	—	KT	30-North
"	FA01278	93 √	√	—	—	KT	25
"	FA03623	91	√	—	—	KT	15
10/8/2020	FA03623	93 √	√	—	—	KT	30-North
"	FA01278	94 √	√	—	—	KT	~~30~~ 25
"	FA03635	89 √	√	—	—	KT	15

Project Name:	Green Island Remediation		Instrument:		PID - MiniRae 3000		
Job Number:	E17-1600 task 016CW						
	Interim Site Management Fieldwork						
Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	Comments
10/9/2020	FA03635	✓ 90	—	—	—	KT	30-North
"	FA03623	✓91	—	—	—	KT	25
"	FA01278	✓93	—	—	—	KT	15
10/12/2020	FA03623	✓91	—	—	—	KT	30-South
"	FA03635	✓89	—	—	—	KT	25
"	FA01278	✓93	—	—	—	KT	15
10/14/2020	FA03635	✓89	—	—	—	KT	30-South
	FA03623	✓92	—	—	—	KT	25
	FA01278	✓92	—	—	—	KT	15
10/15/2020	FA01278	✓91	—	—	—	KT	15
"	FA03623	✓91	—	—	—	KT	25
	FA03635	90	—	—	—	KT	30-South S. Tier
10/19/2020	FA03635	✓78	✓	—	—	TR	25
"	FA01278	✓79	✓	—	—	TR	30-North
	FA03623	✓79	✓	—	—	TR	15
10/20/20	FA03623	✓92	✓	—	—	TR	15
	FA03635	✓91	✓	—	—	TR	25
"	FA01278	✓96	✓	—	—	TR	30-South
10/21/20	FA01278	✓92	✓	—	—	KT	15
"	FA03623	✓92	✓	—	—	KT	25
	FA03635	✓89	✓	—	—	KT	30-South
10/23/20	FA03623	✓92	✓	—	—	KT	30-South
"	FA01278	✓92	✓	—	—	KT	25
	FA03635	✓89	✓	—	—	KT	15
10/26/20	FA03635	✓88	✓	—	—	KT	30-South
	FA01278	✓90	✓	—	—	KT	25
	FA03623	✓90	✓	—	—	KT	15
[illegible]							
11/02/20	FA01278	✓91	✓	—	—	KT	30-South
"	FA03635	✓89	✓	—	—	KT	25
	FA03623	✓89	✓	—	—	KT	15
11/03/2020	FA01278	✓94	✓	—	—	KT	30-South
"	FA03623	✓92	✓	—	—	KT	25
	FA03635	✓89	✓	—	—	KT	15
11/04/2020	FA01278	✓94	✓	—	—	KT	30-South
	FA03635	✓90	✓	—	—	KT	25
	FA03623	✓91	✓	—	—	KT	15
11/05/2020	FA03623	✓92	✓	—	—	KT	25
"	FA03635	✓90	✓	—	—	KT	30-S.
	FA01278	✓37	✓	—	—	KT	15 problem charging
11/06/2020	FA03635	✓90	✓	—	—	KT	30-South
"	FA03623	✓89	✓	—	—	KT	25
	FA01278	✓76	✓	—	—	KT	15

Zero cal. Twice-high initial readings

Project Name:	Green Island Remediation		Instrument:		PID - MiniRae 3000		
Job Number:	E17-1600 task 016CW						
	Interim Site Management Fieldwork						
Date	Instrument	Battery Check OK?	Zero Adjust OK?	Calibration Gas (PPM)	Reading (PPM)	Calibrated By:	Comments
11/9/2020	FA03635	√89	√	—	—	KT	30-South
|	FA03623	√92	√	-	—	KT	25
	FA01278	√93	√	—	-	KT	15
11/10/20	FA03635	√90	√	—	—	KT	30-South
|	FA01278	√90	√	—	—	KT	25
	FA03623	√91	√	—	—	KT	15
11/11/20	FA01278	√91	√	—	—	KT	30-South
	FA03623	√92	√	—	—	KT	25
	FA03635	√89	√	—	—	KT	15
11/12/20	FA03623	√90	√	—	—	KT	30-South
|	FA03635	√90	√	—	—	KT	25
	FA01278	√90	√	—	—	KT	15
11/13/20	FA03635	√90	√	—	—	KT	30-South
|	FA03623	√73	√	—	—	KT	25
	FA01278	√90	√	—	—	KT	15
11/16/20	FA03623	√91	√	—	—	KT	30-South
|	FA03635	√89	√	—	—	KT	25
	FA01278	√88	√	—	—	KT	15
11/17/20	FA03635	√90	√	—	—	KT	30-South
|	FA01278	√92	√	—	—	KT	25
	FA03623	√92	√	—	—	KT	15
11/19/20	FA03635	√89	√	—	—	EP	30-South
|	FA01278	√92	√	—	—	EP	25
	FA02776	√89	√	—	—	EP	15
11/20/20	FA03635	√91	√	—	—	EP	30-South
|	FA01278	√93	√	—	—	EP	25
	FA02776	√86	√	—	—	EP	15
11/24/20	FA03635	√90	√	—	—	EP	30-South
|	FA01278	√91	√	—	—	EP	25
	FA02776	√85	√	—	—	EP	15
11/25/20	FA03635	√66	√	—	—	EP	30-South
|	FA01278	√71	√	—	—	EP	25
	FA02776	√59	√	—	—	EP	15
11/30/20	FA03635	√90	√	—	—	EP	30-South
|	FA01278	√91	√	—	—	EP	25
	FA02776	√85	√	—	—	EP	15
12/1/20	FA01278	√91	√	—	—	KT	15
|	FA03635	√90	√	—	—	KT	25
	FA02776	√84	√	—	—	KT	30-North

initial error loss - series then M

Project Name:	Green Island Remediation		Instrument:		DustTrak II		
Job Number:	E17-1600 task 016CW						
	Interim Site Management Fieldwork						
Date	**Instrument**	**Battery Check OK?**	**Zero Adjust OK?**	**Calibration Gas (PPM)**	**Reading (PPM)**	**Calibrated By:**	**Comments**
12/2/20	FA02776	√84	√	—	—	KT	15
	FA03635	√89	√	—	—	KT	25
	FA01278	√90	√	—	—	KT	30 - North
12/3/2020	FA03635	√90	√	—	—	KT	15
	FA02776	√84	√	—	—	KT	25
	FA01278	√90	√	—	—	KT	30 - North
12/4/2020	FA02776	√84	√	—	—	KT	15
	FA01278	√90	√	—	—	KT	25
	FA03635	√89	√	—	—	KT	30 - North

APPENDIX F

Daily, Weekly, and Monthly Progress Reports

Daily Progress Reports

South Island Apartments RAWP 11/26/18 Update

Work completed today:

1. Concrete pouring has started in the Building 15 area. Photos of this area are attached.
2. Excavation along the eastern bank in preparation for pile driving for wall construction continued. Photos of this area are attached.

Work scheduled for Tuesday (11/27):

1. Concrete pouring in the Building 15 foundation area will continue.
2. Preparations for pile driving on the east bank will continue.

South Island Apartments RAWP 11/27/18 Update

Work completed today:

1. Wall forming started in the Building 15 area. A photo of this area is attached.
2. Preparation for pile driving continued along the eastern bank. A photo of this area is attached.

Work scheduled for Wednesday (11/28):

1. Preparations for pile driving along the east bank will continue.
2. Crane mobilization is planned in preparation for the start of pile driving on Thursday.

South Island Apartments RAWP 11/28/18 Update

Work completed today:

1. Wall forming continued in the Building 15 area. A photo of this area is attached.
2. Preparation for pile driving continued along the eastern bank. Photos of this area are attached.

Work scheduled for Thursday (11/29):

1. Pile driving along the eastern bank is planned.

South Island Apartments RAWP 11/29/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Drilling in preparation for pile driving started along the eastern bank. Photos of this area are attached.

Work scheduled for Friday (11/30):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank is planned.

South Island Apartments RAWP 11/30/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Pile driving continued on the eastern bank. A photo of this area is attached.
3. Excavation along the southeastern bank of the site continued. A photo of this area is attached.

Work scheduled for Monday (12/3):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank will continue.

South Island Apartments RAWP 12/3/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Pile driving continued on the eastern bank. A photo of this area is attached.
3. Excavation along the southeastern bank of the site continued.

Work scheduled for Tuesday (12/4):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank will continue.

South Island Apartments RAWP 12/4/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Pile driving continued on the eastern bank. A photo of this area is attached.
3. Construction of the lined staging area for soils from the southern tip of the property started. Photos taken during construction of the staging area are attached.

Work scheduled for Wednesday (12/5):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank will continue.
3. Construction of the lined staging area will be completed and excavation of soils along the southern tip of the property is planned.

South Island Apartments RAWP 12/5/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Pile driving continued on the eastern bank. A photo of this area is attached.
3. Construction of the lined staging area for soils from the southern tip of the property was completed, and excavation of soils along the southern tip of the site in preparation for construction of the east bank wall started. Photos of this area are attached.

Work scheduled for Thursday (12/6):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank will continue.
3. Excavation of soils on the southern tip of the property will continue.

South Island Apartments RAWP 12/6/18 Update

Work completed today:

1. Wall forming continued for Building 15. Photos of this area are attached.
2. Pile driving continued on the eastern bank. Photos of this area are attached.
3. Excavation of soils along the southern tip of the site in preparation for construction of the east bank wall continued. A photo of the staging area for the soils is attached.

Work scheduled for Friday (12/7):

1. Wall forming work on Building 15 will continue.
2. Pile driving along the eastern bank will continue.
3. Excavation of soils on the southern tip of the property will continue.

South Island Apartments RAWP 12/7/18 Update

Work completed today:

1. Wall forming continued for Building 15. A photo of this area is attached.
2. Pile driving continued on the eastern bank. Photos of this area are attached.
3. Excavation of soils along the southern tip of the site in preparation for construction of the east bank wall continued. Photos of this area and the staging area for the soils are attached.

Work scheduled for Monday (12/10):

1. Pile driving along the eastern bank will continue.
2. Excavation of soils on the southern tip of the property will continue.

South Island Apartments RAWP 12/10/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.
2. Excavation of soils along the southern tip of the site in preparation for construction of the east bank wall continued. A photo of this area is attached.

Work scheduled for Tuesday (12/11):

1. Pile driving along the eastern bank will continue.
2. Excavation of soils on the southern tip of the property will continue. When this area is completed, excavation will start along the northeastern bank.

South Island Apartments RAWP 12/11/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.
2. Excavation of soils along the southern tip of the site in preparation for construction of the east bank wall was completed. A photo of this area is attached.

Work scheduled for Wednesday (12/12):

1. Pile driving along the eastern bank will continue.

South Island Apartments RAWP 12/12/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. A photo of this area is attached
2. Excavation along the northeastern bank started. Photos of this area are attached.

Work scheduled for Thursday (12/13):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments RAWP 12/13/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. A photo of this area is attached
2. Excavation along the northeastern bank continued. Photos of this area are attached.

Work scheduled for Friday (12/14):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments RAWP 12/14/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. A photo of this area is attached
2. Excavation along the northeastern bank continued. A photo of this area is attached.

Work scheduled for Monday (12/17):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments 12/17/18 RAWP Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.
2. Excavation along the northeastern bank continued. A photo of this area is attached.

Work scheduled for Tuesday (12/18):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments RAWP 12/18/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. A photo of this area is attached.
2. Excavation along the northeastern bank continued. A photo of this area is attached.

Work scheduled for Wednesday (12/19):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments RAWP 12/19/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.
2. Excavation along the northeastern bank continued. A photo of this area is attached.

Work scheduled for Thursday (12/20):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

South Island Apartments RAWP 12/20/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. A photo of this area is attached.
2. Excavation along the northeastern bank continued. A photo of this area is attached.

Work scheduled for Friday (12/21):

1. Pile driving along the eastern bank will continue, weather permitting.
2. Excavation along the northeastern bank will continue, weather permitting.

South Island Apartments RAWP 12/21/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.

Work scheduled for Monday (12/24):

1. Pile driving along the eastern bank will continue.
2. Excavation along the northeastern bank will continue.

Weekly Progress Reports

South Island Apartments RAWP Update Week of 12/24/18

Work completed during the week of 12/24:

1. Pile driving continued on the eastern bank, and installation of rip-rap started on 12/27/18. Photos of this area are attached.
2. Installation of the mitigation system for Building 15 was completed, and the foundation was poured. Photos are attached.
3. DEC visited the site to observe the progress of the RAWP on 12/27/18.

Work scheduled for the week of 12/31:

1. Pile driving along the eastern bank will continue.
2. Installation of rip-rap along the eastern bank will continue.

South Island Apartments RAWP 12/26/18 Update

Work completed today:

1. Pile driving continued on the eastern bank. Photos of this area are attached.
2. Installation of the mitigation system for Building 15 started. Photos are attached.

Work scheduled for Thursday (12/26):

1. Pile driving along the eastern bank will continue.
2. Installation of rip-rap along the eastern bank is planned to begin.
3. Work on the installation of the mitigation system for Building 15 will continue.

South Island Apartments RAWP Update Week of 12/24/2018

Work completed during the week of 12/24:

1. Pile driving continued on the eastern bank, and installation of rip-rap started on 12/27/18. Photos of this area are in the attached photo log.
2. Installation of the mitigation system for Building 15 was completed, and the foundation was poured. Photos are in the attached photo log.
3. DEC visited the site to observe the progress of the RAWP on 12/27/18.

Work scheduled for the week of 12/31:

1. Pile driving along the eastern bank will continue.
2. Installation of rip-rap along the eastern bank will continue.

South Island Apartments RAWP Update Week of 12/31/2018

Work completed during the week of 12/31:

1. Pile driving continued on the eastern bank, and installation of rip-rap continued. Photos of this area are in the attached photo log.
2. Excavation for the amphitheater in the northeast area of the site started.
3. Excavation between Building 25 and Building 15 areas started to prepare for construction of the retaining wall.
4. Placement of redi-rock for the wall on the eastern bank started.

Work scheduled for the week of 1/7:

1. Excavation for the amphitheater will continue.
2. Excavation between Building 25 and Building 15 in preparation for construction of the retaining wall will continue.
3. Installation of rip-rap along the eastern bank will continue.
4. Placement of redi-rock will continue.

South Island Apartments RAWP Update Week of 1/7/19

Work completed during the week of 1/7:

1. DEC, including representatives from Regions 3 and 4, visited the site on Friday 1/11 to observe the progress of the wall and rip-rap installation.
2. Installation of rip-rap along both banks continued. Photos of these areas are in the attached photo log.
3. Excavation for the amphitheater in the northeast area of the site continued.
4. Placement of redi-rock for the wall on the eastern bank continued.

Work scheduled for the week of 1/14:

1. Work will continue in the amphitheater area, including pouring of concrete.
2. Placement of redi-rock will continue along the eastern bank, and some additional piles will be driven to serve as boat anchors.
3. After the soil base is prepped for the retaining wall on the west bank and that wall is completed, installation of rip-rap to the south will start.

CAMP Update for Week of 1/7:

1. Dust monitoring was completed on Tuesday 1/8 due to the dry conditions of the surface soils. No exceedances of CAMP levels were observed, and no alarm levels were reached. By the afternoon, the temperatures had elevated above freezing and the soils were observed to be thoroughly wet after thawing.
2. Dust monitoring was not completed on 1/7 due to frozen site soils. On 1/9, the soils were completely saturated after an evening of rain the night before so dust monitoring was not completed.
3. Later in the week (1/10 and 1/11), the soils were frozen and temperatures were too low to deploy the dust monitors. Dust Trak units are not intended for usage in ambient temperatures below 32°F, according to the operating manual.

South Island Apartments RAWP Update Week of 1/14/19

Work completed during the week of 1/14:

1. Installation of rip-rap along the east bank continued. Photos are in the attached photo log.
2. Concrete was poured near the amphitheater area. Sheet piling was installed along the bank in this area of the site.
3. Construction of the retaining wall along the western bank continued.
4. Placement of redi-rock along the eastern bank wall continued, and additional piles were driven to serve as boat anchors. Pile driving has been completed.

Work scheduled for the week of 1/21:

1. Most of this week is being spent on cleanup of snow after the storm this past weekend.
2. Placement of redi-rock along the eastern bank wall is expected to continue after snow cleanup is completed.

CAMP Update for Week of 1/14:

1. Monday (1/14), Tuesday (1/15), and Thursday (1/17): Dust monitors were not deployed at the site given that the temperatures did not elevate above freezing.
2. Wednesday (1/16): Dust monitors were deployed when the temperatures reached above freezing. There were no readings that showed a concern for exceedances of the 15-minute TWA level.
3. Friday (1/17): Dust monitors were not deployed given the temperatures and the fact that the ground was snow covered.

South Island Apartments RAWP Update Week of 1/21/19

Work completed during the week of 1/21:

1. The first half of the week was primarily spent on cleanup of snow after the storm the weekend prior.
2. Installation of rip-rap along the east bank continued. Photos are in the attached photo log.
3. Placement of redi-rock along the eastern bank wall continued.

Work scheduled for the week of 1/28:

1. Work on the east bank rip-rap will continue. The plan is to complete it this week.
2. Work on the west bank rip-rap will continue.
3. Placement of redi-rock along the east bank wall will continue when the shipment of additional blocks is received.
4. Work is planned to connect the drainage system for the east bank wall.
5. Depending on weather conditions, material from the protected stockpile will be moved back to the southern tip of the site, which is outside the BCP site boundary, later this week.

CAMP Update for Week of 1/21:

1. Monday (1/21) through Wednesday (1/23): Dust monitors were not deployed at the site given that the site was snow-covered.
2. Thursday (1/24): Dust monitors were not deployed because the site conditions were wet due to the warmer temperatures and melting snow.
3. Friday (1/25): Dust monitors were not deployed because the ground was frozen.

South Island Apartments RAWP Update Week of 1/28/19

Work completed during the week of 1/28:

1. Installation of rip-rap along the east and west banks continued. Photos are in the attached photo log.
2. Placement of redi-rock along the eastern bank wall continued.
3. Work on connecting the drainage system for the east bank wall started.

Work scheduled for the week of 2/4:

1. Work on the east bank rip-rap will continue.
2. Work on the west bank rip-rap will continue.
3. Connecting the drainage system for the east bank wall will continue.
4. Depending on weather conditions and equipment repair, material from the protected stockpile will be moved back to the southern tip of the site, which is outside the BCP site boundary, in the middle of this week.

CAMP Update for Week of 1/28:

1. Temperatures were too low to deploy the dust monitors. During brief periods when temperatures elevated above freezing, soil conditions are observed to be saturated given recent snowstorms.
2. The site was snow-covered on Wednesday 1/30, and no site work, except for some aboveground work on Building 15, was completed on Thursday 1/31 due to the low temperatures.

South Island Apartments RAWP Update Week of 2/4/19

Work completed during the week of 2/4:

1. Installation of rip-rap along the east bank rip-rap was completed. Photos are in the attached photo log.
2. Installation of rip-rap along the west bank continued.
3. Placement of redi-rock along the eastern bank wall continued.
4. Work on connecting the drainage system for the east bank wall continued.
5. The material from the protected stockpile, which was from the southern tip of the site outside the BCP site boundary, was returned to the southern tip of the site.

Work scheduled for the week of 2/11:

1. Work on the west bank rip-rap and retaining wall will continue.
2. Excavation in preparation for placement of the Building 25 foundation will start.

CAMP Update for Week of 2/4:

1. The site was saturated and muddy due to snow melt and periods of rain. Dust monitors were not deployed.

South Island Apartments RAWP Update Week of 2/11/19

Work completed during the week of 2/11:

1. Installation of rip-rap and retaining wall along the west bank continued. Photos are in the attached photo log.
2. Placement of redi-rock along the eastern bank wall continued.
3. Excavation in preparation for the placement of the Building 25 foundation started.
4. Excavation for utility connections near the site entrance started.

Work scheduled for the week of 2/18:

1. Work on the west bank rip-rap and retaining wall will continue.
2. Placement of redi-rock along the eastern bank wall will continue.
3. Excavation in preparation for placement of footers for Building 25 will start. Work on pouring footers will start.

CAMP Update for Week of 2/11:

1. Monday 2/11 and Tuesday 2/12: The soil was frozen and temperatures were too low to deploy the dust monitors.
2. Wednesday 2/13: The site was snow-covered after a storm the night before that extended into Wednesday morning. Dust monitors were not deployed.
3. Thursday 2/14 and Friday 2/15: Site conditions were frozen in the mornings with snow on Thursday. When temperatures elevated above freezing, site conditions were wet and muddy. Dust monitors were not deployed.

South Island Apartments RAWP Update Week of 2/18/19

Work completed during the week of 2/18:

1. Installation of rip-rap and the retaining wall along the west bank continued. Photos are in the attached photo log.
2. Placement of redi-rock along the eastern bank wall continued.
3. Excavation in preparation for the placement of footers for Building 25 foundation was completed. Pouring of footers started.

Work scheduled for the week of 2/25:

1. Work on the west bank rip-rap will continue.
2. Placement of redi-rock along the eastern bank wall will continue.
3. Preparation for pouring walls of the Building 25 parking garage will start.
4. The central stockpile of material from the BCP site will be used to grade the site this week.

CAMP Update for Week of 2/18:

1. Monday 2/18 through Wednesday 2/20: The site was snow-covered and temperatures were too low to deploy the dust monitors.
2. Thursday 2/21 and Friday 2/22: Site conditions were saturated and muddy due to melting of recent snowfall. Dust monitors were not deployed.

South Island Apartments RAWP Update Week of 2/25/19

Work completed during the week of 2/25:

1. Installation of rip-rap and the retaining wall along the west bank continued. Photos are in the attached photo log.
2. Placement of redi-rock along the eastern bank wall continued.
3. Preparation for pouring walls of the Building 25 parking garage started.
4. The central stockpile of material from the BCP site was used to grade the site.
5. Work on utility connections started near the site entrance.

Work scheduled for the week of 3/4:

1. Work on the west bank rip-rap and retaining wall will continue.
2. Placement of redi-rock along the eastern bank wall will continue.
3. Work on utility connections will continue.

CAMP Update for Week of 2/25:

1. Monday 2/25 through Thursday 2/28: Temperatures were too low to deploy the dust monitors.
2. Friday 3/1: Temperatures in the morning were too low to deploy the dust monitors. Most of the site was still snow-covered or frozen over.

South Island Apartments RAWP Update Week of 3/4/19

Work completed during the week of 3/4:

1. Installation of rip-rap and the retaining wall along the west bank continued. Photos are in the attached photo log.
2. Placement of redi-rock along the eastern bank wall continued. Work on the drainage system continued.
3. Concrete in one section of a parking garage wall for Building 25 was poured.
4. Work on utility connections continued.

Work scheduled for the week of 3/11:

1. Work on the west bank rip-rap and retaining wall will continue.
2. Placement of redi-rock along the eastern bank wall will continue.
3. Work on utility connections will continue.
4. Excavation in the Building 30 area will start.

CAMP Update for Week of 3/4:

1. Temperatures were too low to deploy the dust monitors or the site was snow covered. Dust monitors were not deployed.

South Island Apartments RAWP Update Week of 3/11/19

Work completed during the week of 3/11:

1. Installation of rip-rap and the retaining wall along the west bank continued. The retaining wal near the trailer was completed.
2. Placement of redi-rock along the eastern bank wall continued. Work on the drainage system continued.
3. Work continued to prepare for pouring garage walls of Building 25.
4. Work on utility connections continued.
5. Some excavation in the Building 30 area was completed.

Work scheduled for the week of 3/18:

1. Work on the west bank rip-rap will continue.
2. Placement of redi-rock along the eastern bank wall and work on the drainage system will continue.
3. Work on utility connections will continue.
4. Grading of the site will continue.

CAMP Update for Week of 3/11:

1. Monday March 11 and Tuesday March 12 – The site was saturated and muddy after the storm the previous weekend.
2. Wednesday March 13 – The site was frozen in the morning, but temperatures increased during the day and dust monitors were deployed. There were no exceedances of the 15-minute TWA level.
3. Thursday March 14 – The site remained muddy, but temperatures remained above freezing and the dust monitors were deployed. There were no readings exceedances of the 15-minute TWA level.
4. Friday March 15 – No ground intrusive work was completed at the site given that there was a Luizzi company meeting. Dust monitors were not deployed.

South Island Apartments RAWP Update Week of 3/18/19

Work completed during the week of 3/18:

1. Installation of rip-rap along the west bank continued.
2. Placement of redi-rock along the eastern bank wall continued. Work on the drainage system continued.
3. Concrete for one section of garage walls of Building 25 was poured.
4. Work on utility connections continued.
5. Grading of the site continued.

Work scheduled for the week of 3/25:

1. Work on the west bank rip-rap will continue.
2. Placement of redi-rock along the eastern bank wall in amphitheater area and work on the drainage system will continue.
3. Work on utility connections will continue.
4. Grading of the site will continue.
5. Excavation work in the Building 30 area will continue.

CAMP Update for Week of 3/18:

1. Monday March 18 through Wednesday March 20 – dust monitors were deployed throughout the day. The 15-minute TWA was not exceeded on any of these days.
2. Thursday March 21 – dust monitors were deployed in the morning before the rain started. The 15-minute TWA was not exceeded.
3. Friday March 22 – Dust monitors were not deployed given that it was snowing and raining throughout the day and soils were saturated.

South Island Apartments RAWP Update Week of 3/25/19

Work completed during the week of 3/25:

1. Placement of redi-rock along the eastern bank wall continued in the amphitheater area.
2. Concrete for a section of garage walls of Building 25 was poured.
3. Work on utility connections continued.
4. Grading of the site continued.

Work scheduled for the week of 4/1:

1. Placement of redi-rock along the eastern bank wall in amphitheater area will continue.
2. Work on drainage near Building 25 will start.

CAMP Update for Week of 3/25:

1. Monday March 25 through Thursday March 28 – dust monitors were deployed throughout the day. The 15-minute TWA was not exceeded on any of these days.
2. Friday March 29 – Dust monitors were not deployed given that it was raining and the site was saturated.

South Island Apartments RAWP Update Week of 4/1/19

Work completed during the week of 4/1:

1. Placement of redi-rock along the eastern bank wall continued in the amphitheater area.
2. Concrete for a section of garage walls of Building 25 was poured.
3. Work on drainage near Building 25 started.

Work scheduled for the week of 4/8:

1. Placement of redi-rock along the eastern bank wall in amphitheater area will continue.
2. Backfilling around the outside perimeter of Building 25 walls will continue.
3. Work will continue in the Building 30 area to prepare for pouring of foundation walls.

CAMP Update for Week of 4/1:

- Dust monitors were deployed each day. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 4/8/19

Work completed during the week of 4/8:

1. Placement of redi-rock along the eastern bank wall continued in the amphitheater area.
2. Excavation for the elevators in the Building 25 foundation area started.
3. Work on sewer connections for the trailer (to be moved to eastern area of site) started.
4. Backfilling around the outside perimeter of Building 25 continued.

Work scheduled for the week of 4/15:

1. Preparations for installing trenches for mitigation system piping in Building 25 foundation area will continue.
2. Work is planned on the footings for Building 30, site conditions permitting.

CAMP Update for Week of 4/8:

- Monday 4/8 through Thursday 4/11 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Friday 4/12 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 4/15/19

Work completed during the week of 4/15:

1. Grading was completed within the Building 25 footprint.
2. Preparations for placement of footers were completed in the Building 30 area. Work was also completed on the drainage around this building footprint.
3. Utility installation was completed on the south end of Building 25.

Work scheduled for the week of 4/22:

1. Work on pouring footers for the Building 30 foundation is planned.

CAMP Update for Week of 4/15:

- Monday 4/15 through Thursday 4/18 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Friday 4/19 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 4/22/19

Work completed during the week of 4/22:

1. Pouring footers in Building 30 started.
2. Installation of piping for the vapor mitigation system in the Building 25 foundation started.
3. Grading work around utilities south of Building 25 continued.
4. Repairs to the retaining wall in the northwest corner of the site started.

Work scheduled for the week of 4/29:

1. Backfilling around Building 25 will continue. Work on pouring walls along the northern side of the building is planned.
2. Repairs to the retaining wall will continue.
3. Pouring footers in the Building 30 area will continue.
4. The trailer will be moved to the northeastern area of the site.

CAMP Update for Week of 4/22:

- Monday 4/22, Wednesday 4/24, Friday 4/26 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Tuesday 4/23, Thursday 4/25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 4/29/19

Work completed during the week of 4/29:

1. Pouring footers in Building 30 was completed.
2. Backfilling around the exterior of Building 25 continued.
3. The trailer was moved to the northeast area of the site.

Work scheduled for the week of 5/6:

1. Backfilling around Building 25 will continue. Excavation for column footers will start.
2. Prepping for pouring walls for Building 30 garage will start.

CAMP Update for Week of 4/29:

- Dust monitors were not deployed given that it was either raining or the soils remained saturated.

South Island Apartments RAWP Update Week of 5/6/19

Work completed during the week of 5/6:

1. Backfilling around Building 25 continued. Excavation for column footers started.
2. Preparation for pouring walls for Building 30 garage started.

Work scheduled for the week of 5/13:

1. Installation of the vapor barrier for Building 25 will start.
2. Pouring garage walls for Building 30 will start.

CAMP Update for Week of 5/6:

- Monday 5/6, Tuesday 5/7, and Friday 5/10 – Dust monitors were not deployed given that it was either raining or site soils were saturated.
- Wednesday 5/8 and Thursday 5/9 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 5/13/19

Work completed during the week of 5/13:

1. The vapor barrier and stone layer above the vapor mitigation piping was installed in Building 25.
2. Concrete for a section of garage wall for Building 30 was poured.

Work scheduled for the week of 5/20:

1. Site grading for roads and parking lot areas will continue.
2. Pouring garage walls for Building 30 will continue.

CAMP Update for Week of 5/13:

- Dust monitors were not deployed given that it was either raining or site soils were heavily saturated.

South Island Apartments RAWP Update Week of 5/20/19

Work completed during the week of 5/20:

1. Concrete was poured for the foundation along the northern side of the Building 25 area.
2. Asphalt was laid in the Building 25 parking garage area.
3. Preparations for pouring garage walls for Building 30 continued.
4. Site grading for roads and parking lot areas continued.
5. Blocks were placed in the amphitheater area.

Work scheduled for the week of 5/27:

1. Backfilling around Building 25 will continue.
2. Pouring garage walls for Building 30 will continue.
3. Placing blocks in the amphitheater area will continue.

CAMP Update for Week of 5/20:

- Monday May 20 – Dust monitors were not deployed given the morning rain.
- Tuesday May 21 through Friday May 24 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 5/27/19

Work completed during the week of 5/27:

1. Work to set capstones along the eastern wall started.
2. Backfilling around Building 25 continued.
3. Sections of garage walls were poured for Building 30.
4. Blocks continued to be placed in the amphitheater area.

Work scheduled for the week of 6/3:

1. Backfilling around Building 25 is expected to be completed.
2. Placing blocks in the amphitheater area will continue.
3. Work to set capstones along the eastern wall will continue.

CAMP Update for Week of 5/27:

- Monday May 27 – Dust monitors were not deployed given that it was Memorial Day.
- Tuesday May 28 and Wednesday May 29 – Dust monitors were not deployed given that it was either raining or the site soils were saturated.
- Thursday 5/30 and Friday 5/31 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 6/3/19

Work completed during the week of 6/3:

1. Work to set capstones along the eastern wall continued.
2. Blocks continued to be placed in the amphitheater area.
3. Preparations for pouring garage walls for Building 30 continued.
4. Work to install utility conduits near the site entrance continued.

Work scheduled for the week of 6/10:

1. Work to set capstones along the eastern wall will continue.
2. Work to install utility conduits will continue.
3. Excavation for the elevator shaft and pier footings for Building 30 is planned.
4. Work to lay crusher stone along roads is planned.

CAMP Update for Week of 6/3:

- Monday June 3 through Wednesday June 5 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday June 6 and Friday June 7 – Dust monitors were not deployed given that it was either raining or the site soils were heavily saturated from recent storm.

South Island Apartments RAWP Update Week of 6/10/19

Work completed during the week of 6/10:

1. Work to set capstones along the eastern wall continued.
2. Excavation for the elevator shaft and column footings for Building 30 started.
3. Work on installing electrical conduits continued.
4. Concrete for a section of garage wall was poured for Building 30.
5. Approximately 1-2 gallons of diesel fuel was spilled onto the ground due to an overfill of a fuel tank. An approximately 3' by 5' area down to an 8" depth was excavated on Tuesday 6/11/19 and placed on multiple layers of poly and covered with additional poly until soil can be characterized and disposed of off-site. A PID was used to screen the soil to confirm the extent of excavation required. Alicia Barraza of DEC was notified of the spill. A poly-lined area with an earthen berm was set-up surrounding the fuel tanks as a temporary containment measure. An asphalt pad will be laid for the fuel tanks.

Work scheduled for the week of 6/17:

1. Asphalt will be laid for the pad for the fuel tanks.
2. Work to set capstones along the eastern wall will continue.
3. Work to install utility conduits will continue.
4. Excavation for the elevator shaft and column footings for Building 30 will continue.

CAMP Update for Week of 6/10:

- Monday June 10, Wednesday June 12, Friday June 14 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday June 11 and Thursday June 13 – Dust monitors were not deployed because it was raining.

South Island Apartments RAWP Update Week of 6/17/19

Work completed during the week of 6/17:

1. Work to set capstones along the eastern wall continued.
2. Excavation for the elevator shaft and column footers for Building 30 continued.
3. Work on installing electrical conduits continued.
4. Backfilling around the Building 30 exterior started.
5. Samples were collected from the excavated soil from the diesel fuel spill so the soil can be characterized prior to off-site disposal.

Work scheduled for the week of 6/24:

1. Backfilling around Building 30 exterior will continue.
2. Excavation for column footers for Building 30 will continue.
3. Work will start on installing curbs for roads.

CAMP Update for Week of 6/17:

- Monday June 17 through Wednesday June 19, Friday June 21 – Dust monitors were not deployed given that it was either raining or the soils were saturated as a result of recent storms.
- Thursday June 20 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 6/24/19

Work completed during the week of 6/24:

1. Work on preparations for installing curbing started.
2. Backfilling around the Building 30 exterior continued.
3. Excavation for column footers in Building 30 continued. Four footers were poured.
4. Concrete was poured for sections of the Building 30 garage walls.

Work scheduled for the week of 7/1:

1. Work will start on installing curbs for roads.
2. Work on paving roads is planned after curb installation.

CAMP Update for Week of 6/24:

- Monday June 24, Thursday June 27, and Friday June 28 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday June 25 and Wednesday June 26 – Dust monitors were not deployed given that it was either raining or the soils were saturated from recent storms.

South Island Apartments RAWP Update Week of 7/1/19

Work completed during the week of 7/1:

1. Curbing was installed at the site. Photos are included in the attached photo log.

Work scheduled for the week of 7/8:

1. Work on installing columns for Building 30 will start.
2. Work on paving the roads is planned for later in the week.

CAMP Update for Week of 7/1:

- Monday July 1 through Wednesday July 3 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday July 4 and Friday July 5 – Dust monitors were not deployed due to the holiday schedule at the site.

South Island Apartments RAWP Update Week of 7/8/19

Work completed during the week of 7/8:

1. Work on column footers continued for Building 30.
2. Drainage structure was installed in front of Building 25.
3. Sub-base on roads was placed.
4. Capstones continued to be placed on the east bank wall.

Work scheduled for the week of 7/15:

1. Work on column footers for Building 30 will continue.
2. Backfilling is expected to continue around Building 30.
3. Sub-base is being placed in the northwest parking lot area.

CAMP Update for Week of 7/8:

- Monday July 8 through Friday July 12 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 7/15/19

Work completed during the week of 7/15:

1. Work on column footers continued for Building 30.
2. Backfilling continued around exterior of Building 30.
3. Sub-base was placed on northwest parking area and in front of Building 15.
4. Installation of vapor mitigation piping for Building 30 started in northern area of building.

Work scheduled for the week of 7/22:

1. Installation of vapor barrier for Building 30 will start.
2. Paving of roads is planned.
3. Work on utilities for Building 30 is planned.

CAMP Update for Week of 7/15:

- Wednesday July 17 and Thursday July 18 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.
- Monday July 15, Tuesday July 16, Friday July 19, and Saturday July 20 – Dust monitors were deployed, including on Saturday when sub-base was placed in front of Building 15. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 7/22/19

Work completed during the week of 7/22:

1. Work on utilities for Building 30 was completed.
2. Vapor mitigation piping and vapor barrier were installed for Building 30.
3. Site roads were paved.
4. Paving in Building 30 footprint started.
5. Soils from the diesel fuel spill during the week of June 10 were disposed of off-site at Waste Management's facility in Gansevoort, NY.

Work scheduled for the week of 7/29:

1. Backfilling around Building 30 is expected to continue.
2. Work on utilities throughout the site will continue.
3. Some excavation work in the Building 20 foundation area will start to provide backfill material for Building 30.

CAMP Update for Week of 7/22:

- Tuesday July 23 – Dust monitors were not deployed given that the site was still saturated from recent rains.
- Monday July 22, Wednesday July 24, Thursday July 25, and Friday July 26 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 7/29/19

Work completed during the week of 7/29:

1. Work on installing electrical conduits across the site continued.
2. Asphalt was laid in another section of the Building 30 footprint.
3. Final cover was installed in a portion of a curbed island on the site.
4. A section of sidewalk was constructed near the site entrance.
5. Backfilling around the exterior of Building 30 continued.
6. Some excavation work in the Building 20 foundation area started in order to provide backfill material for Building 30.

Work scheduled for the week of 8/5:

1. The remainder of the vapor mitigation system and paving work in the Building 30 footprint will be completed.

CAMP Update for Week of 7/29:

- Wednesday July 31 – Dust monitors were not deployed given that it was raining.
- Monday July 29, Tuesday July 30, Thursday August 1, and Friday August 2 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 8/5/19

Work completed during the week of 8/5:

1. Completed installation of vapor mitigation piping and vapor barrier for Building 30.
2. Backfilling continued around Building 30 exterior.
3. Utility work continued across the site.

Work scheduled for the week of 8/12:

1. Continue backfilling around Building 30.
2. Work on sidewalk construction in front of Building 15 will start.

CAMP Update for Week of 8/5:

- Monday August 5 and Tuesday August 6 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday August 7 through Friday August 9 – Dust monitors were not deployed given that it was either raining or the site soils were saturated from recent storms.

South Island Apartments RAWP Update Week of 8/12/19

Work completed during the week of 8/12:

1. Work on sidewalks and installation of final cover around Building 15 started.
2. Backfilling around Building 30 continued.

Work scheduled for the week of 8/19:

1. Work on sidewalks around Building 15 will continue.
2. Excavation for Building 20 is planned to begin. Material will be used for grading in the northeast area of the site.

CAMP Update for Week of 8/12:

- Monday August 12 – Dust monitors were deployed. Exceedances of the 15-minute TWA were observed in the afternoon for one of the dust monitors. However, this was due to the movement of the work zone (during backfilling near Building 30) to the same area as the location of the dust monitor so that it no longer represented either an upwind or a downwind perimeter location.
- Tuesday August 13 and Thursday August 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday August 14 and Friday August 16 – Dust monitors were not deployed given that it was either raining or the site soils were saturated from recent storms.

South Island Apartments RAWP Update Week of 8/19/19

Work completed during the week of 8/19:

1. Installation of final cover around Building 15 continued.
2. Excavation for the Building 20 footprint continued.

Work scheduled for the week of 8/26:

1. Excavation for the Building 20 footprint will continue, and work on excavating for footers will start.
2. Work on constructing sidewalks around building 15 is planned.

CAMP Update for Week of 8/19:

- Monday August 19 and Wednesday August 21 – Dust monitors were not deployed given that the site was saturated from recent rains.
- Tuesday August 20, Thursday August 22 and Friday August 23 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 8/26/19

Work completed during the week of 8/26:

1. Work on constructing sidewalks continued.
2. Excavation for Building 20 continued.
3. Installed vapor barrier for interior rooms of Building 30.

Work scheduled for the week of 9/2/19:

1. Work on pouring concrete for footers for Building 20 will start.
2. Work on constructing sidewalks will continue.
3. Utility work will continue.

CAMP Update for Week of 8/26:

- Monday August 26 through Friday August 30 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 9/2/19

Work completed during the week of 9/2:

1. Excavating for Building 20.
2. Pouring concrete for footers for Building 20.
3. Final cover work adjacent Building 15.
4. Utility connection work for Building 30.

Work scheduled for the week of 9/9/19:

1. Work on pouring concrete footers for Building 20 will continue.
2. Establishing utility connections for Building 30 will continue.
3. Work on constructing sidewalks will continue.

CAMP Update for Week of 9/2:

- Monday September 2 – Labor Day, no work conducted on site.
- Tuesday September 3 and Wednesday September 4– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday September 5 and Friday September 6– Dust monitors were not deployed. Site soils were saturated from recent storms.

South Island Apartments RAWP Update Week of 9/9/19

Work completed during the week of 9/9:

1. Excavating for Building 20.
2. Pouring concrete footers for Building 20.
3. Foundation framing for Building 20.
4. Sidewalk installation work adjacent Building 15.
5. Backfilling around Building 30.
6. Establishing utility connections for Building 30.

Work scheduled for the week of 9/16/19:

1. Work on pouring concrete footers and foundation walls for Building 20 will continue.
2. Establishing utility connections for Building 30 will continue.
3. Work on constructing sidewalks will continue.

CAMP Update for Week of 9/9:

- Monday September 9 – Wednesday September 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday September 12– Dust monitors were not deployed. A light rain was observed, and site soils were saturated.
- Friday September 13– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Week of 9/16/19

Work completed during the week of 9/16:

1. Work on utilities continued.
2. Sidewalk work near Building 15 continued.
3. Preparations for pouring foundation walls for Building 20 started.
4. Alicia Barraza and Ruth Curley of DEC visited the site on Thursday morning to observe the progress of the RAWP.

Work scheduled for the week of 9/23/19:

1. Work on preparing for and pouring foundation walls will continue.
2. Work on utilities will continue.
3. Preparations for curbing work are planned.

CAMP Update for Week of 9/16:

- Monday September 16 through Friday September 20 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed on Monday, Wednesday, Thursday or Friday. Exceedances of the 15-minute TWA were observed at one of the dust monitoring locations on Tuesday. However, this was located at the upwind monitoring station and not due to ongoing activities at the site.

South Island Apartments RAWP Update Week of 9/23/19

Work completed during the week of 9/23:

1. Work on utilities continued.
2. Sidewalk work near Building 15 continued.
3. Work on pouring foundation walls for Building 20 started.
4. Excavation for column footers for Building 20 started.
5. Work on installing transformer pads started.

Work scheduled for the week of 9/30/19:

1. Work pouring foundation walls for Building 20 will continue.
2. Work on preparing for installation of column footers for Building 20 will continue.
3. Work on utilities will continue.

CAMP Update for Week of 9/23:

- Monday September 23 through Thursday September 26 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday September 27 – Dust monitors were not deployed given that the site was heavily saturated from recent rains.

South Island Apartments RAWP Update Week of 9/30/19

Work completed during the week of 9/30:

1. Work on utilities continued.
2. Work on pouring foundation walls for Building 20 continued.
3. Excavation for column footers for Building 20 continued.
4. Landscaping work started.

Work scheduled for the week of 10/7/19:

1. Work pouring foundation walls for Building 20 will continue.
2. Work on preparing for installation of column footers for Building 20 will continue.
3. Work on utilities will continue.

CAMP Update for Week of 9/30:

- Monday September 30 and Thursday October 3, 2019 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday October 1, Wednesday October 2, Friday October 4, 2019 – Dust monitors were not deployed given that it was either raining or the site soils were saturated.

South Island Apartments RAWP Update Week of 10/7/19

Work completed during the week of 10/7:

1. Work on utilities continued.
2. Work on pouring foundation walls for Building 20 continued.
3. Sidewalk construction work continued.

Work scheduled for the week of 10/14/19:

1. Work pouring foundation walls for Building 20 will continue.
2. Work on utilities will continue.
3. Landscaping work will continue.
4. Transformer pad installation will continue.
5. Fencing will be installed around the Building 15 area.

CAMP Update for Week of 10/7:

- Monday October 7 and Tuesday October 8 - Dust monitors were not deployed given that it was either raining or the site soils were saturated.
- Wednesday October 9 and Thursday October 10 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday October 11 – Dust monitors were deployed. However, there was an equipment malfunction, and data was not acquired for the upwind dust monitor. No exceedances of the 15-minute TWA were observed for the downwind monitoring station.

South Island Apartments RAWP Update Week of 10/14/19

Work completed during the week of 10/14:

1. Work on utilities continued.
2. Work on pouring foundation walls and column footers for Building 20 continued.
3. Curbing work continued.
4. Topsoil was laid south of Building 15.

Work scheduled for the week of 10/21:

1. Work pouring foundation walls and column footers for Building 20 will continue.
2. Work on utilities will continue.
3. Preparations for paving in the central area of the site near Building 25 will start. Paving is planned for later in the week.
4. Curbing work will continue.
5. Monitoring wells will be installed near Building 25.

CAMP Update for Week of 10/14:

- Monday October 14 through Wednesday October 16 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday October 17 and Friday October 18 - Dust monitors were not deployed given that it was either raining of the site was heavily saturated from recent rains.

South Island Apartments RAWP Update Week of 10/21/19

Work completed during the week of 10/21:

1. Work on pouring foundation walls and column footers for Building 20 continued.
2. Curbing work continued.
3. Paving was completed in the central part of the site in front of Building 25.
4. The two (2) temporary wells were installed to monitor for potential remaining LNAPL on the northern and southern ends of Building 25.
5. Alicia Barraza, Ruth Curley, and Michael Komoroske of DEC visited the site on Wednesday 10/23.

Work scheduled for the week of 10/28:

1. Work pouring foundation walls and column footers for Building 20 will continue.
2. Backfilling around Building 20 will continue.
3. Preparations for completing green spaces around Building 25 will start.

CAMP Update for Week of 10/21:

- Monday October 21 through Friday October 25 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.

South Island Apartments RAWP Update Week of 10/28/19

Work completed during the week of 10/28:

1. Backfilling around Building 20 continued.
2. Work on utilities continued.
3. Work on pouring foundation walls and column footers continued for Building 20.
4. Paving of road and parking area near Building 30 was completed.

Work scheduled for the week of 11/4:

1. Paving work is planned.
2. Work on sidewalks near Building 25 is planned.

CAMP Update for Week of 10/28:

- Monday October 28 through Friday November 1 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.

South Island Apartments RAWP Update Week of 11/4/19

Work completed during the week of 11/4/19:

1. Backfilling around Building 20 continued.
2. Work on utilities continued.
3. Work on pouring foundation walls continued for Building 20.
4. Paved area at end of road near Building 30.
5. Completed preparations for sidewalk work next to Building 25.
6. Grading work continued along the southern tip of the property.

Work scheduled for the week of 11/11:

1. Paving work is planned around Building 20.
2. Grading work to be completed for the southern tip of the property.
3. Plan is to complete final cover across the site this week.

CAMP Update for Week of 11/4:

- Monday November 4, Tuesday November 5, and Wednesday November 6 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday November 7 - Dust monitors were deployed for a short period in the morning before rain started. No exceedances of the 15-minute TWA were observed.
- Friday November 8 – Dust monitors were not deployed given that the site was frozen and temperatures were too low for use of the equipment.

South Island Apartments RAWP Update Week of 11/11/19

Work completed during the week of 11/11:

1. Final cover was completed on the eastern and western sides of Building 25, on the southern tip of the property and east/ northeast of Building 30.
2. Utility work continued.

Work scheduled for the week of 11/18:

1. Grading work is being completed on the northeast corner of the property to prepare for paving, which is expected to occur later in the week.
2. Plan is to complete final cover across the remainder of the site this week.

CAMP Update for Week of 11/11:

- Monday November 11 through Wednesday November 13 – Dust monitors were not deployed because the site was either saturated from recent storms or temperatures were too low for the equipment to operate.
- Thursday November 14 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday November 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed at the downwind location. There was an equipment error in the upwind dust monitor that prevented data from recording correctly, which has been resolved.

South Island Apartments RAWP Update Week of 11/18/19

Work completed during the week of 11/18:

1. Cover was installed along part of the western side of Building 20 and the south entrance to Building 30.
2. Utility work continued.
3. Grading work was completed in the northeast area.

Work scheduled for the week of 11/25:

1. Grading work in the northeast area, including the amphitheater, will continue and preparations for paving, including laying the demarcation layer, are planned.
2. Utility work will continue.
3. Stone fill is being installed along the western part of Building 20 to act as interim cover.

CAMP Update for Week of 11/18:

- Monday November 18– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday November 19 through Friday November 22 – Dust monitors were not deployed given that the site soils were thoroughly saturated.

South Island Apartments RAWP Update Week of 11/25/19

Work completed during the week of 11/25:

1. Preparations for paving in the northeastern area of the site, including grading and laying fabric, continued.
2. Utility work continued.
3. Fabric and stone fill were laid in the parking area west of Building 20 to act as interim cover.

Work scheduled for the week of 12/2:

1. Snow removal activities will be completed during the early part of the week.
2. Preparations for installing rip-rap along the southern tip of the property are planned.

CAMP Update for Week of 11/25:

- Monday November 25 through Wednesday November 27 – dust monitors were not deployed given that site soils were saturated from recent storms.
- Thursday November 28 and Friday November 29 – dust monitors were not deployed given that it was a holiday.

South Island Apartments RAWP Update Week of 12/2/19

Work completed during the week of 12/2:

1. A significant amount of the work this week was focused on snow removal activities.
2. Curbing was installed along the northern side of the northeast parking area. Asphalt was also laid in this area.
3. Rip-rap was installed along the banks of the southern tip of the property.

Work scheduled for the week of 12/9:

1. Grading activities will start in the Building 20 footprint in preparation for installing vapor mitigation piping later in the week.
2. Cover will be installed near Buildings 25 and 30.
3. Backfilling around Building 20 will continue.

CAMP Update for Week of 12/2:

- Monday December 2 through Friday December 6 – Dust monitors were not deployed given that the site was snow covered.

South Island Apartments RAWP Update Week of 12/9/19

Work completed during the week of 12/9:

1. Paving was completed in the north side of the northeast parking area and some spots along the main road around manholes.
2. Installed cover in the green space and sidewalk areas along the northeast corner of Building 30, southeast corner of Building 30, southwest corner of Building 25 and in the parking lot north of Building 20.
3. Poured concrete patios around Building 25 and the sidewalk along the west side of Building 25.
4. Backfilling around Building 20 continued.
5. Grading activities started in Building 20 footprint.

Work scheduled for the week of 12/16:

1. Installation of the remainder of site cover is planned.
2. Crusher is being placed to make temporary roads for equipment. Stone entrances are being installed in areas that are not paved. A new concrete washout pit is being installed with signage.

CAMP Update for Week of 12/9:

- Monday December 2 through Friday December 6 – Dust monitors were not deployed given that the site was either saturated or frozen.

South Island Apartments RAWP Update Week of 12/16/19

Work completed during the week of 12/16:

1. Cover was installed around Building 20, in the amphitheater area, between the amphitheater and Building 20, within the Building 20 footprint, northeast of Building 25, and west of the main driveway near Building 30.

Work scheduled for the week of 12/23:

1. Cover will be installed in a green space west of Building 30 and in areas east of Building 30 near scaffolding.
2. Other site work is not being completed given the holiday schedule.

CAMP Update for Week of 12/16:

- Monday December 16 through Friday December 20 – Dust monitors were not deployed given that the site was either saturated or frozen.

South Island Apartments RAWP Update Week of 12/23/19

Work completed during the week of 12/23:

1. Cover was installed in green space west of Building 30 and in areas east of Building 30 near scaffolding.
2. Alicia Barraza and Ruth Curley of DEC visited the site on Friday 12/27 to observe the progress of RAWP activities.

Work scheduled for the week of 12/30:

1. No site work is scheduled for this week.

CAMP Update for Week of 12/23:

- Monday December 23 through Friday December 27 – Dust monitors were not deployed given that the site was saturated and/or no site work was being completed.

South Island Apartments Interim SMP Update Week of 6/8/20

Work completed during the week of 6/8:

1. Work on placing topsoil and landscaping in southern tip area continued.
2. Preparations for paving south of Building 30 were completed.
3. Utility work continued.

Work scheduled for the week of 6/15:

1. Work will be completed to prepare for pouring porches for Building 20.
2. Utility work will continue.

CAMP Update for Week of 6/8:

Dust monitors

- Monday June 8 and Tuesday June 9 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday June 10 to Friday June 12 – Dust monitors were not deployed. No site work was completed as Luizzi employees were temporarily moved to a different job.

South Island Apartments Interim SMP Update Week of 6/15/20

Work completed during the week of 6/15:

1. Utility work continued.
2. Preparations for pouring porches for Building 20 started.

Work scheduled for the week of 6/22:

1. Excavation for the commercial building foundation will start.

CAMP Update for Week of 6/15:

Dust monitors

- Monday June 15 and Friday June 19 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed. An equipment error occurred on the unit in front of Building 15 on Wednesday June 17. The issue was resolved by the next time the dust monitor was deployed.

South Island Apartments Interim SMP Update Week of 6/22/20

Work completed during the week of 6/22:

1. Excavation for the commercial building foundation started. Approximately 960 tons of soil were disposed off-site at Waste Management's facility in Gansevoort, NY.
2. A concrete structure was encountered during excavation for the commercial building. The structure was removed from the excavation area. There was no visual or olfactory evidence of contamination in the area. PID results did not indicate the presence of volatiles near the structure. Two soil samples were collected from the soils beneath the structure and submitted for analysis for VOCs and SVOCs. Photos are included in the attached photo log.

Work scheduled for the week of 6/29:

1. Excavation for the commercial building foundation will continue.
2. Precision will be on-site to extract from wells MW-32 and MW-33.

CAMP Update for Week of 6/22:

Dust monitors

- Monday June 22 and Friday June 26 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 6/29/20

Work completed during the week of 6/29:

1. Excavation for the commercial building foundation was completed. Excavated material is being kept on site for backfill.
2. Utility work resumed adjacent buildings 20 and 30.
3. Sub-slab vapor mitigation pressure testing at Building 30 was performed by Alpine.

Work scheduled for the week of 7/6:

1. Utility work will continue adjacent buildings 20 and 30.
2. Curbing will be prepped for the west side of building 20 including the parking garage entrance ramp.
3. Grading work will occur around building 20.
4. An inspection of the Building 15 and 25 vapor pressure system manometers is planned.

CAMP Update for Week of 6/29:

Dust monitors

- Monday June 29 and Thursday July 2– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday July 3 – Dust monitors were not deployed due to observance of Independence Day.

South Island Apartments Interim SMP Update Week of 6/29/20

Work completed during the week of 6/29:

1. Excavation for the commercial building foundation was completed. Excavated material is being kept on site for backfill.
2. Utility work resumed adjacent buildings 20 and 30.
3. Sub-slab vapor mitigation pressure testing at Building 30 was performed by Alpine.

Work scheduled for the week of 7/6:

1. Utility work will continue adjacent buildings 20 and 30.
2. Curbing will be prepped for the west side of building 20 including the parking garage entrance ramp.
3. Grading work will occur around building 20.
4. An inspection of the Building 15 and 25 vapor pressure system manometers is planned.

CAMP Update for Week of 6/29:

Dust monitors

- Monday June 29 and Thursday July 2– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday July 3 – Dust monitors were not deployed due to observance of Independence Day.

South Island Apartments Interim SMP Update Week of 7/6/20

Work completed during the week of 7/6:

1. Concrete foundation work for the commercial building continues.
2. Utility work continued adjacent buildings 20 and 30. A sewer line installation was completed, and a transformer pad was installed.
3. Curbing subbase was prepared surrounding building 20.

Work scheduled for the week of 7/13:

1. Utility work will continue adjacent building 20.
2. Curbing will be formed for the west side of building 20 including the parking garage entrance ramp.
3. Grading work will continue around building 20.
4. Concrete foundation work for the commercial building will continue.

CAMP Update for Week of 7/6:

Dust monitors

- Monday July 6 and Friday July 10– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 7/13/20

Work completed during the week of 7/13:

1. Utility work continued.
2. Preparation for curbing near Building 20 continued.

Work scheduled for the week of 7/20:

1. Work on installation of pools is planned.
2. Backfilling around commercial building is planned.
3. Curbing work is planned.

CAMP Update for Week of 7/13:

Dust monitors

- Monday July 13 and Friday July 17– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 7/20/2020

Work completed during the week of 7/20:

1. Backfilled around commercial building
2. Utility work continued.
3. Pools were installed between buildings 20 and 30
4. Curbing prepped for southern tier and for north side of building 20

Work scheduled for the week of 7/27:

1. Curbing work is planned
2. Asphalt paving of southern tier is planned
3. Installation of waterline for commercial building is planned
4. Pouring sidewalk for east side of building 30 is planned.

CAMP Update for Week of 7/20:

Dust monitors

- Monday July 20 and Friday July 24– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 7/27/2020

Work completed during the week of 7/27:

1. Installation of water and sewer lines for commercial building
2. Paved asphalt of southern tier parking area
3. Concrete poured for sidewalks on west side of building 30

Work scheduled for the week of 8/3:

1. Preparations for sidewalks around building 20 planned
2. Continued utility work planned
3. Continued work on water/sewer lines for commercial building

CAMP Update for Week of 7/27:

Dust monitors

- Monday July 27 and Friday July 31– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 8/3/2020

Work completed during the week of 8/3:

1. Preparations for sidewalks around building 20
2. Continued utility work around building 20
3. Installation of retaining wall on east side of pool area
4. Groundwater sampling at MW 32 and MW 33 completed
5. Completed inspections of vapor mitigation system for Building 15 and Building 25. The systems are functioning properly.

Work scheduled for the week of 8/10:

1. Continued sidewalk preparations and green space work along north side of building 20 planned
2. Continued work on retaining wall on east side of pool area planned
3. Installation of light pole bases on west side of building 20 planned
4. Continued preparations for curbing for building 20 parking area

CAMP Update for Week of 8/3:

Dust monitors

- Monday August 3, Wednesday August 5, and Thursday August 6 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday August 4 – Tropical storm passes through the area. Dust monitors not deployed.
- Friday August 7 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Week of 8/10/2020

Work completed during the week of 8/10:

1. Preparations for sidewalks around Building 20 continued
2. Continued utility work around Building 20
3. Installation of retaining wall on east side of pool area continued
4. Asphalt topcoat was placed near Buildings 25 and 15.
5. Curbing installed west of Building 20.
6. Work on light pole bases adjacent to building 20 started.

Work scheduled for the week of 8/17:

1. Continued sidewalk preparations around Building 20 are planned
2. Preparations for pouring the pavilion next to the pool area will continue.
3. Work on light pole base installation will continue.

CAMP Update for Week of 8/10:

Dust monitors

- Monday August 10 and Thursday August 13 – Dust monitors were deployed. Four exceedances of the 15-minute TWA were noted for the dust monitor adjacent to Building 30 due to work occurring near the building. Dust mitigation measures were employed, and additional exceedances were not observed. Residents did not start to move into Building 30 until the end of the week.
- Wednesday August 12 – Dust monitors were deployed. Three exceedances of the 15-minute TWA were noted in the greenspace across from Building 15 in the late afternoon, and dust mitigation measures are being employed. No further exceedances were observed outside Building 15.
- Tuesday August 11 and Friday August 14 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 8/17/2020

Work completed during the week of 8/17:

1. Preparations for sidewalks around Building 20 continued
2. Preparations for pouring the pavilion in pool area continued
3. Water line connection installed for building 20, West side
4. Temporary electric conduit installed for commercial building
5. Grading of retention pond in the northwest corner of building 20
6. Installation of stormwater structure on west side of building 20
7. Installation of light pole bases on West side of building 20

Work scheduled for the week of 8/24:

1. Pouring concrete for sidewalks around building 20 planned
2. Continued installation of light pole bases on West side of building 20 planned
3. Asphalt paving of building 20 parking lot
4. Installation of pool structures planned

CAMP Update for Week of 8/17:

Dust monitors

- Monday August 17 to Friday August 21 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 8/24/2020

Work completed during the week of 8/24:

1. Poured sidewalks around Building 20
2. Paved Building 20 parking lot
3. Topsoil grading around Building 20
4. Installation of light pole bases on West side of Building 20
5. Installation of pool catch basins and piping

Work scheduled for the week of 8/31:

1. Continued installation of pool catch basins and piping
2. Continued stormwater utility work on West side of Building 20
3. Continued topsoil grading on East side of Building 20
4. Continued installation of light pole bases around Building 20

CAMP Update for Week of 8/24:

Dust monitors

- Monday August 24, Tuesday August 25, Wednesday August 26 and Friday August 28 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday August 27 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Week of 8/31/2020

Work completed during the week of 8/31:

1. Installation of pool catch basins, piping, and electrical conduit
2. Continued utility work on West side of Building 20
3. Preparation for sidewalks on East side of Building 20
4. Installation of plumbing lines inside Commercial Building foundation

Work scheduled for the week of 9/7:

1. Continued installation of pool catch basins and piping
2. Continued landscape work around Building 20
3. Pouring sidewalks on East side of Building 20
4. Utility work for commercial building planned

CAMP Update for Week of 8/31:

Dust monitors

- Monday August 31, Tuesday September 1, Thursday September 3 and Friday September 4 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday September 2 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Week of 9/7/2020

Work completed during the week of 9/7:

1. Utility work on northwest side of commercial building
2. Continued installation of pool catch basins and trench drains
3. Building 20 garage ramp grading and asphalt topcoat preparations
4. Repairs to portions of Eastern seawall
5. Commercial building backfilled
6. Sidewalks poured on East side of Building 20
7. Continued landscape work on East side of Building 20

Work scheduled for the week of 9/14:

1. Continued installation of pool trench drains and utility lines
2. Plans to pour concrete around pool area
3. Utility work for commercial building planned

CAMP Update for Week of 9/7:

Dust monitors

- Monday September 7 –
  Dust monitors were not deployed due to observance of Labor Day.
- Tuesday September 8 to Friday September 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 9/14/2020

Work completed during the week of 9/14:

1. Continued installation of pool trench drains and utility lines
2. Grading pool area in preparation for concrete
3. Concrete poured around borders of both pools
4. Inspections of vapor mitigation system for Building 15, Building 25 and Building 30 have been completed. The systems are functioning properly.

Work scheduled for the week of 9/21:

1. Continued installation of pool trench drains and utility lines
2. Utility work for commercial building planned
3. Plans to pour concrete around the rest of the pool area

CAMP Update for Week of 9/14:

Dust monitors

- Monday September 14 to Friday September 18 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 9/21/2020

Work completed during the week of 9/21:

1. Continued installation of pool trench drains and grading around pool area
2. Concrete poured in pool area
3. Artificial turf installed around pool area
4. Utility work on commercial building continues

Work scheduled for the week of 9/28:

1. Plans to install "blow out" line for pool
2. Plans to pave building 20 garage and ramp
3. Plans to pour sidewalks on Northeast side of building 20

CAMP Update for Week of 9/21:

Dust monitors

- Monday September 21 to Friday September 25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 9/28/2020

Work completed during the week of 9/28:

1. Poured sidewalks at northeast corner of building 20
2. Installation of pool "blow-out" line
3. Asphalt paving completed in building 20 parking garage
4. Topsoil and final grade completed around pool area

Work scheduled for the week of 10/5:

1. Installation of sidewalk bollard light poles planned
2. Preparation and paving of building 20 ramp to parking garage planned
3. Grading between commercial building and eastern sea wall for retaining wall preparation
4. Plans to complete installation of storm sewer line for commercial building

CAMP Update for Week of 9/28:

Dust monitors

- Tuesday September 29– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Monday September 28 and Wednesday September 30 – Dust monitors not deployed due to inclement weather. No ground intrusive work.
- Thursday October 1 and Friday October 2 – Dust monitors not deployed. Luizzi was not working on site.

South Island Apartments Interim SMP Update Week of 10/5/2020

Work completed during the week of 10/5:

1. Installation of sidewalk bollard light poles around pool area and east of building 30
2. Installation of storm sewer line for commercial building
3. Preparation for building 20 ramp to parking garage entrance
4. Built temporary access ramp into commercial building

Work scheduled for the week of 10/12:

1. Plans to install demarcation fabric and put topsoil at southern tier
2. Plans to install deck wall on East side of commercial building
3. Plans to pour concrete for building 20 ramp

CAMP Update for Week of 10/5:

Dust monitors

- Monday October 5 to Friday October 9 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 10/12/2020

Work completed during the week of 10/12:

1. Installation of demarcation fabric at southern tier and backfilled with clean soil
2. Installation of vapor mitigation piping at both stairwells and in mechanical room of commercial building
3. Green space work around pool area
4. Graded and added soil cover to northeast corner of building 20
5. Preparations for concrete in commercial building

Work scheduled for the week of 10/19:

1. Plans to pour concrete in commercial building at both stairwells and in mechanical room
2. Plans to pour concrete in building 20 ramp
3. Plans to install demarcation fabric and add soil cover to southern tip

CAMP Update for Week of 10/12:

Dust monitors

- Monday October 12, Wednesday October 14 and Thursday October 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday October 13 and Friday October 16 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Week of 10/19/2020

Work completed during the week of 10/19:

1. Installation of demarcation fabric at southern tier and backfilled with clean soil
2. Installation of vapor mitigation piping at both stairwells and in mechanical room of commercial building
3. Concrete poured for building 20 ramp
4. Concrete poured in commercial building at both stairwells and in mechanical room
5. Installation of water service lines at southern tier

Work scheduled for the week of 10/26:

1. Plans to complete grading and backfilling of southern tier
2. Plans to complete installation of water service lines
3. Plans to install light pole bases at southern tier
4. Plans to continue installation of vapor mitigation system
5. Plans to raise seawall on east side of commercial building

CAMP Update for Week of 10/19:

Dust monitors

- Monday October 19 to Wednesday October 21 and Friday October 23 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday October 22 – Dust monitors were not deployed. Luizzi was not on site.

South Island Apartments Interim SMP Update Week of 10/26/2020

Work completed during the week of 10/26:

1. Installation of demarcation fabric at southern tier and backfilled with clean soil
2. Installation of vapor mitigation piping on western side of commercial building
3. Installation of light pole bases at southern tier
4. Completed hydroseeding at southern tier
5. Raised seawall on east side of commercial building
6. Inspections of vapor mitigation system for Building 15, Building 25 and Building 30 have been completed. The systems are functioning properly.

Work scheduled for the week of 11/2:

1. Plans to install bollard lights at southern tier
2. Plans to prepare for concrete at southern tier for ramp to dock area
3. Plans to prepare for concrete at southern tier for sidewalk

CAMP Update for Week of 10/26:

Dust monitors

- Monday October 26 and Tuesday October 27– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday October 28 – Friday October 30 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Week of 11/02/2020

Work completed during the week of 11/2:

1. Installation of bollard lights along sidewalk at southern tier
2. Concrete preparations for dock ramp area at southern tier
3. Concrete preparations for sidewalks at southern tier

Work scheduled for the week of 11/9:

1. Plans to grade east side of commercial building
2. Plans to prepare sidewalks for concrete on east side of commercial building
3. Plans to continue construction of dock area ramp at southern tier
4. Plans to continue utility work for commercial building
5. Plans to pour concrete for dock ramp at southern tier

CAMP Update for Week of 11/2:

Dust monitors

- Monday November 2 – Friday November 6– Dust monitors were deployed. There was a data collection issue with one of the monitors on Tuesday November 3. No other equipment issues were encountered. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 11/09/2020

Work completed during the week of 11/9:

1. Continued utility work for commercial building
2. Concrete poured for dock ramp area at southern tier
3. Preparation for concrete at sidewalks on east side of commercial building and around amphitheater
4. Grading east side of commercial building
5. Continued construction of dock area ramp at southern tier
6. Preparation for curbing at commercial building parking area
7. Preparations for retaining wall/patio area on east side of commercial building

Work scheduled for the week of 11/16:

1. Plans to pour concrete for sidewalks at southern tier
2. Plans to pour concrete for sidewalks on east side of commercial building and around amphitheater
3. Plans to construct retaining wall on east side of commercial building
4. Plans to continue utility work for commercial building

CAMP Update for Week of 11/9:

Dust monitors

- Monday November 9 – Friday November 13– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 11/16/2020

Work completed during the week of 11/16:

1. Continued utility work for commercial building
2. Concrete poured for sidewalks at southern tier
3. Concrete poured for sidewalks on east side of commercial building and around amphitheater
4. Continued grading east side of commercial building and inside commercial building
5. Continued construction of dock area ramp at southern tier
6. Preparation for curbing at commercial building parking area
7. Construction of retaining wall east of commercial building
8. Inspections of vapor mitigation system for Building 15, Building 25 and Building 30 have been completed. The systems are functioning properly.

Work scheduled for the week of 11/23:

1. Plans to install light pole bases along sidewalk on east side of commercial building
2. Plans to continue utility work and install grease trap in commercial building parking lot (north side)

CAMP Update for Week of 11/16:

Dust monitors

- Monday November 16, Tuesday November 17, Thursday November 19, & Friday November 20– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday November 18 – Dust monitors were not deployed given that temperatures were below freezing.

South Island Apartments Interim SMP Update Week of 11/23/2020

Work completed during the week of 11/23:

1. Continued utility work for commercial building
2. Installation of light pole bases on east side of commercial building
3. Installation of grease trap in commercial building parking lot (northern side)
4. Continued grading east side of commercial building and inside commercial building
5. Continued construction of dock area ramp at southern tier
6. Preparation for curbing at commercial building parking area

Work scheduled for the week of 11/30:

1. Plans to continue preparations for curbing and sidewalks around commercial building

CAMP Update for Week of 11/23:

Dust monitors

- Monday November 23 – Dust monitors were not deployed due to inclement weather.
- Tuesday November 24 & Wednesday November 25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday November 26 & Friday November 27 – Dust monitors were not deployed due to the thanksgiving holiday.

South Island Apartments Interim SMP Update Week of 11/30/2020

Work completed during the week of 11/30:

1. Continued utility work for commercial building
2. Continued grading around commercial building
3. Preparations for sidewalks around commercial building
4. Curbing poured around commercial building parking areas
5. Preparations for final asphalt topcoat at parking lots north and south of commercial building and the main access road

Work scheduled for the week of 12/7:

1. Plans to pour final asphalt topcoat at parking lots north and south of commercial building and the access main road
2. Plans to pour concrete for sidewalks around commercial building

CAMP Update for Week of 11/30:

Dust monitors

- Monday November 30 – Dust monitors were deployed for approximately one hour due to inclement weather. No exceedances of the 15-minute TWA were observed during this time.
- Tuesday December 1 – Dust monitors were deployed. Data was not collected for a two-hour period due to inclement weather. No exceedances of the 15-minute TWA were observed.
- Wednesday December 2 to Friday December 4 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 12/7/2020

Work completed during the week of 12/7:

1. Concrete poured for sidewalks around commercial building
2. Preparations for asphalt topcoat at parking lots north and south of commercial building and the main access road
3. Continued construction of retaining wall on west side of commercial building

Work scheduled for the week of 12/14:

1. Little to no work is planned for the upcoming week

CAMP Update for Week of 11/30:

Dust monitors

- Monday December 7 to Wednesday December 9 – Dust monitors not deployed given that temperatures were below freezing.
- Thursday December 10 and Friday December 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 1/6/20

Work completed during the week of 1/6:

1. Site work started under the interim SMP on Tuesday January 7.
2. Inspection of the SSDS for Building 15 was completed. The readings on the three (3) manometers indicated that the system is functioning properly.
3. Stormwater pipe and structure installation work was completed in the Northern area of Building 20.
4. Final cover in Building 15 area was inspected each day with no issues noted.
5. Grading work was completed in the amphitheater area.
6. Some backfilling work around Building 20 was completed.

Work scheduled for the week of 1/13:

1. Groundwater sampling of the two monitoring wells for total and dissolved metals and SVOCs is planned for later in the week.
2. Backfilling work around Building 20 is planned.
3. Mitigation system piping will be installed in Building 20, weather permitting.

CAMP Update for Week of 1/6:

- Tuesday January 7 through Friday January 10 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing. PIDs were deployed each day. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.

South Island Apartments Interim SMP Update Week of 1/13/20

Work completed during the week of 1/13:

1. Groundwater sampling for MW-32 and MW-33 was completed on Thursday 1/16.
2. Utility work continued.
3. Work started on installing mitigation system piping in Building 20.

Work scheduled for the week of 1/20:

1. Installation of the mitigation system piping will continue.
2. Backfilling work around Building 20 will continue.

CAMP Update for Week of 1/13:

Dust monitors

- Monday January 13 through Friday January 17 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 13 through Wednesday January 15 - PIDs were deployed. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.
- Thursday January 16 and Friday January 17 – PIDs were not deployed because no ground intrusive site work was being completed below clean cover.

South Island Apartments Interim SMP Update Week of 1/20/20

Work completed during the week of 1/20:

1. Work continued on installation of the vapor mitigation system in Building 20, including laying vapor barrier.
2. Backfilling around Building 20 continued.
3. Grading in the amphitheater area continued.

Work scheduled for the week of 1/27:

1. Work on completing final cover around Building 25 will continue.

CAMP Update for Week of 1/20:

Dust monitors

- Monday January 20 through Friday January 24 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 20 and Tuesday January 21 – PIDs were not deployed because no ground intrusive site work was being completed below clean cover.
- Wednesday January 22 and Thursday January 23 - PIDs were deployed. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.
- Friday January 24 – PIDs were deployed. At one downwind location, an average concentration of 5.2 ppm was recorded. However, this was determined to be an issue with the instrument calibration when the instrument was inspected midday. When the instrument was recalibrated, the reading immediately went back down to 0 ppm.

South Island Apartments Interim SMP Update Week of 1/27/20

Work completed during the week of 1/27:

1. Work on completing final cover around Building 25.
2. Work on the West bank, South of Building 25 began. This work is to slightly widen the bank.
3. Grading the inside of Building 20

Work scheduled for the week of 2/3:

1. Work on the West bank will continue.
2. Utility work will occur within Building 20.
3. Installation of the vapor mitigation system in Building 20, including laying the vapor barrier will continue.
4. An inspection of the SSDS for Building 15 is scheduled.

CAMP Update for Week of 1/27:

Dust monitors

- Monday January 27 through Friday January 31 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 27 through Friday January 31 – PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.

South Island Apartments Interim SMP Update Week of 2/3/20

Work completed during the week of 2/3:

1. Work on the West bank, South of Building 25 continued. This work is to slightly widen the bank.
2. Work on installing the vapor mitigation system continued.
3. Utility work in Building 20 continued.
4. The SSDS for Building 15 was inspected and found to be functioning properly.
5. SWPPP action items are being addressed. The response will be detailed in a separate report.

Work scheduled for the week of 2/10:

1. Installation of the vapor barrier will continue.
2. Grading work will continue in the southern tip.

CAMP Update for Week of 2/3:

Dust monitors

- Monday February 3 through Friday February 7 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 3 – The PIDs were deployed. There was another calibration issue where the value at one location drifted up during the day and needed to be recalibrated. This is the same unit that caused this issue in the past, and it will be swapped out with a different unit.
- Tuesday February 4 through Friday February 7 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.

South Island Apartments Interim SMP Update Week of 2/10/20

Work completed during the week of 2/10:

1. Work on installing the vapor mitigation system continued.
2. Work on grading the amphitheater continued.
3. Work on installing support beams around Building 20 started.
4. Repair of a broken pipe for the vapor mitigation system in building 20 was completed.
5. Topsoil work around building 25 was completed.
6. SWPPP action items are being addressed. The response will be detailed in a separate report.

Work scheduled for the week of 2/17:

1. Installation of the vapor barrier will continue.
2. Installation of support beams will continue.
3. Grading work will continue in the amphitheater.
4. Conduit work around building 30 will be completed.

CAMP Update for Week of 2/10:

Dust monitors

- Monday February 10 through Friday February 14 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 10 through Tuesday February 11 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.
- Wednesday February 12 through Friday – The PIDs were deployed. No exceedances of 5 ppm were observed.

South Island Apartments Interim SMP and SWPPP Update Week of 2/17/20

Work completed during the week of 2/17:

1. Installed stormwater drain in Building 20 entrance.
2. Completed installation of the vapor barrier in Building 20.
3. Completed excavation for support beams.
4. Grading work continued in the amphitheater area.

Work scheduled for the week of 2/24:

1. Paving work is being completed in the Building 25 parking garage and west of Building 20.
2. Utility work will continue.

SWPPP Action Items

The following actions were completed to address recommendations in the SWPPP inspections (see attached photo log):

- Exposed soil near Building 15 and along the bank south of Building 25 were stabilized
- Silt fencing was repaired on the southern tip of the site
- Additional stone has been laid in construction entrances to address sediment tracking concerns
- Roads continue to be swept and the truck wash utilized to address sediment tracking concerns

CAMP Update for Week of 2/17:

Dust monitors

- Monday February 17 through Friday February 21 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 17 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.
- Tuesday February 18 through Friday February 21 – The PIDs were deployed. No exceedances of 5 ppm were observed.

South Island Apartments Interim SMP Update Week of 2/24/20

Work completed during the week of 2/24:

1. Completed paving in the parking garage for buildings 20 and 25, and around the west side of building 20.
2. Completed mulching around building 15 and the west bank.
3. Completed a construction road along the east side of building 20.
4. Utility work around building 30 continued

Work scheduled for the week of 3/02:

1. Utility work around buildings 30 and 20 will continue.

CAMP Update for Week of 2/24:

Dust monitors

- Monday February 24 through Friday February 28 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

South Island Apartments Interim SMP Update Week of 3/02/20

Work completed during the week of 3/02:

1. Utility work around building 30 building 20 continued
2. Started sewer work around building 20.

Work scheduled for the week of 3/09:

1. Utility and sewer work around building 20 will continue.
2. Grading of the amphitheater will continue.

CAMP Update for Week of 3/02:

Dust monitors

- Monday March 2 through Friday March 6 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

South Island Apartments Interim SMP Update Week of 3/09/20

Work completed during the week of 3/09:

1. Sewer work around building 20 continued
2. Completed inspection of mitigation system for Building 15. The system is functioning as expected.

Work scheduled for the week of 3/16:

1. Sewer work around building 20 will continue.
2. Grading of the amphitheater will continue.

CAMP Update for Week of 3/09:

Dust monitors

- Monday March 9 through Friday March 13 – Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Week of 3/16/20

Work completed during the week of 3/16:

1. Sewer work around building 20 continued.
2. Grading of the amphitheater continued.

Work scheduled for the week of 3/23:

1. Grading of the amphitheater will continue.

CAMP Update for Week of 3/16:

Dust monitors

- Monday March 16 through Friday March 20 – Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Week of 3/23/20

Work completed during the week of 3/23:

1. Grading of the amphitheater and placing concrete blocks continued.

Work scheduled for the week of 3/30:

1. Work will be completed on a storm drain at the northeastern end of the property in the DOT right-of-way.

CAMP Update for Week of 3/23:

Dust monitors

- Monday March 23 through Friday March 27 – Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Week of 3/30/20

Work completed during the week of 3/30:

1. Work was completed on a storm drain at the northeastern end of the property in the DOT right-of-way.

Work scheduled for the week of 4/6:

1. Utility work is planned north of Building 20.
2. Topsoil and rip-rap will be placed in the DOT right-of-way on the northeastern side of the property.

CAMP Update for Week of 3/30:

Dust monitors

- Monday March 30 through Friday April 3 – Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Week of 4/6/20

Work completed during the week of 4/6:

1. Utility work was completed north of Building 20.

Work scheduled for the week of 4/13:

1. Work is planned on porches for Building 30.
2. Grading work west of Building 25 and east of Building 30 is planned.
3. Concrete blocks continue to be placed in amphitheater area.

CAMP Update for Week of 4/6:

Dust monitors

- Monday April 6 through Wednesday April 8 – Dust monitors were not deployed given that the site was saturated.
- Thursday April 9 and Friday April 10 – No site work was completed.

South Island Apartments Interim SMP Update Week of 4/13/20

Work completed during the week of 4/13:

1. Work started on porches for Building 30.
2. Grading work west of Building 25 and east of Building 30 continued.
3. Concrete blocks continued to be placed in amphitheater area.
4. Work continued on the retaining wall for the entrance to the Building 20 parking garage.

Work scheduled for the week of 4/20:

1. Work will continue on porches for Building 30.
2. Concrete blocks continue to be placed in amphitheater area.
3. Sidewalk preparation work will start east of Building 30.

CAMP Update for Week of 4/13:

Dust monitors

- Monday April 13– No site work was completed.
- Tuesday April 14 through Friday April 17 - Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Week of 4/20/20

Work completed during the week of 4/20:

1. Concrete was poured for porches for Building 30.
2. Backfilling amphitheater continued. Work continued to place blocks in amphitheater.
3. Sidewalk preparation work started east of Building 30.
4. Preparation work started for the retaining wall along the southwest bank.

Work scheduled for the week of 4/27:

1. Work will continue on porches for Building 30.
2. Concrete blocks continue to be placed in amphitheater area.
3. Sidewalk preparation work will continue east of Building 30.
4. Grading work behind east bank wall in northeast area to accommodate changes to the height of the wall will start.
5. Work on southwest bank retaining wall will start.

CAMP Update for Week of 4/20:

Dust monitors

- Monday April 20 through Thursday April 23 – Dust monitors were not deployed given that the site was saturated from recent storms.
- Friday April 24 – No site work was completed.

South Island Apartments Interim SMP Update Week of 4/27/20

Work completed during the week of 4/27:

1. Work continued on installing cover around porches for Building 30.
2. Backfilling amphitheater continued. Work continued to place blocks in amphitheater.
3. Sidewalk preparation work continued east of Building 30.
4. Work started for the retaining wall along the southwest bank.
5. Sod was laid behind Building 25 and replaced behind Building 15.
6. Storm drain work was completed north of Building 20.

Work scheduled for the week of 5/4:

1. Capstones will continue to be placed in the amphitheater area.
2. Work on the west bank retaining wall will continue.
3. Work on preparing for sidewalks east of Building 30 will continue.
4. Grading work is being completed along the southern tip.

CAMP Update for Week of 4/27:

Dust monitors

- Monday April 27 through Friday May 1 – Dust monitors were not deployed given that the site was saturated from recent storms.

South Island Apartments Interim SMP Update Week of 5/4/20

Work completed during the week of 5/4:

1. Grading work was completed to prepare for sidewalks next to Building 30.
2. Capstones were placed in the amphitheater area.
3. Utility work continued.
4. Work on west bank retaining wall continued.
5. Work continued on southern tip to prepare for retaining wall.

Work scheduled for the week of 5/11:

1. Capstones will continue to be placed in the amphitheater area.
2. Work on the west bank retaining wall will continue.
3. Sidewalks east of Building 30 will be poured.
4. Work will start for retaining wall along the southern tip.
5. Groundwater sampling of wells MW-32 and MW-33 will be completed.
6. Paving in the parking garage for Building 30 is planned.

CAMP Update for Week of 5/4:

Dust monitors

- Monday May 4 through Friday May 8 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed. There was a data collection issue with one of the monitors on Tuesday May 5, which was determined to be a firmware issue. A replacement monitor was obtained. No other equipment issues were encountered.

South Island Apartments Interim SMP Update Week of 5/11/20

Work completed during the week of 5/11:

1. Groundwater sampling of wells MW-32 and MW-33 was completed.
2. Capstones continued to be placed in the amphitheater area.
3. Retaining wall work continued along the southern tip and west bank.
4. Utility work continued.
5. Topsoil was added in the southern tip.
6. Paving work in the parking garage for Building 30 was completed.

Work scheduled for the week of 5/18:

1. Work on final cover around Building 30 is planned.
2. Work on the west bank retaining wall will continue.
3. Additional rip rap is being added along the west bank.
4. Work will continue for retaining wall along the southern tip.

CAMP Update for Week of 5/11:

Dust monitors

- Monday May 11 through Friday May 15 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 5/18/20

Work completed during the week of 5/18:

1. Work on final cover around Building 30 continued.
2. Work on the west bank retaining wall continued, and additional rip rap was added adjacent to the wall.
3. Work on the retaining walls on the southern tip continued.

Work scheduled for the week of 5/25:

1. Work on the parking garage entrance to building 30 will be completed to prepare for placement of heated concrete.
2. Work will continue on the southern tip retaining wall.
3. Curbing will be installed along the western bank.

CAMP Update for Week of 5/18:

Dust monitors

- Monday May 18 through Friday May 22 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 5/25/20

Work completed during the week of 5/25:

1. Curbing was installed along the western bank.
2. Work continued on the southern tip retaining wall.
3. Work was completed on the parking garage entrance to building 30 to prepare for placement of heated concrete.
4. Utility work continued.
5. Preparation work for sidewalks along the western bank started.

Work scheduled for the week of 6/1:

1. Work will continue on the southern tip retaining wall.
2. Utility work will continue.
3. Work will continue on retaining wall for parking garage for Building 20.

CAMP Update for Week of 5/25:

Dust monitors

- Monday May 25 – Dust monitors were not deployed because no site work was completed due to the holiday.
- Tuesday May 26 through Friday May 22 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Week of 6/1/20

Work completed during the week of 6/1:

1. Work continued on the southern tip retaining wall.
2. Utility work continued.
3. Work continued on the retaining wall for the parking garage for Building 20.
4. Concrete was poured in the amphitheater.
5. On Thursday and Friday, work was completed at the site to further secure site materials in case of potential unrest due to local protesting.

Work scheduled for the week of 6/8:

1. Topsoil will be placed along southern tip.
2. Preparations for pavement south of Building 30 will be completed.

CAMP Update for Week of 6/1:

Dust monitors

- Monday June 1 – Dust monitors were deployed. The unit in front of Building 15 experienced a flow error that impacted the data collection. The issue was resolved before the equipment was used the next day. No exceedances were detected on the unit in front of Building 25, which was closer to the work area that day.
- Tuesday June 2 through Wednesday June 3 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday June 4 and Friday June 5 – Dust monitors were not deployed given that no ground intrusive site work was being completed.

Monthly Progress Reports

South Island Apartments RAWP Monthly Update late November 2018 through December 2018

Work completed during November and December 2018 (photos in the attached photo log):

East Bank Wall Construction

1. The area along the eastern bank was excavated to elevation 11' in preparation for wall construction.
2. A staging area was built for soils from the southern tip of the island, which is outside the BCP site boundary, during the week of 12/3/18. These soils will be returned to the southern tip of the island after wall construction is completed.
3. Pile driving started along the eastern bank in preparation for wall construction. As of 12/31/18, only the northeastern section of the bank remains to be completed.
4. Installation of rip-rap along the eastern bank started on 12/27/18.

Building 15

1. Wall forming started during the week of 11/26/18 and was completed during the week of 12/3/2018.
2. Installation of the mitigation system for Building 15 was completed during the week of 12/24/18, and the foundation was poured.

Other Updates

1. DEC visited the site to observe the progress of the RAWP on 12/27/18.

South Island Apartments RAWP Update Month of January 2019

Eastern Bank

1. Installation of rip-rap along the bank continued.
2. Placement of redi-rock for the wall continued.
3. Pile driving was completed, including piles that were driven to serve as boat anchors.
4. Excavation for the amphitheater in the northeast area was completed.
5. Sheet piling was installed along the northeast bank near the amphitheater area.
6. Work started to connect the drainage system for the wall.

Western Bank

1. Installation of rip-rap along the bank continued.
2. The retaining wall was constructed next to Building 15.

Other Updates

1. DEC, including representatives from Regions 3 and 4, visited the site on Friday 1/11 to observe the progress of the wall and rip-rap installation.

CAMP Update

Week of 12/31:

1. Wednesday 1/2 through Friday 1/4: Dust monitors were not deployed given that site conditions were either frozen/ icy in the morning or muddy in the afternoon when temperatures elevated above freezing.

Week of 1/7:

1. Dust monitoring was completed on Tuesday 1/8 due to the dry conditions of the surface soils. No exceedances of CAMP levels were observed, and no alarm levels were reached. By the afternoon, the temperatures had elevated above freezing and the soils were observed to be thoroughly wet after thawing.
2. Dust monitoring was not completed on 1/7 due to frozen site soils. On 1/9, the soils were completely saturated after an evening of rain the night before so dust monitoring was not completed.
3. Later in the week (1/10 and 1/11), the soils were frozen and temperatures were too low to deploy the dust monitors. Dust Trak units are not intended for usage in ambient temperatures below 32°F, according to the operating manual.

Week of 1/14:

1. Monday (1/14), Tuesday (1/15), and Thursday (1/17): Dust monitors were not deployed at the site given that the temperatures did not elevate above freezing.
2. Wednesday (1/16): Dust monitors were deployed when the temperatures reached above freezing. There were no readings that showed a concern for exceedances of the 15-minute TWA.
3. Friday (1/17): Dust monitors were not deployed given the temperatures and the fact that the ground was snow covered.

Week of 1/21:

1. Monday (1/21) through Wednesday (1/23): Dust monitors were not deployed at the site given that the site was snow-covered.
2. Thursday (1/24): Dust monitors were not deployed because the site conditions were wet due to the warmer temperatures and melting snow.
3. Friday (1/25): Dust monitors were not deployed because the ground was frozen.

Week of 1/28:

1. Temperatures were too low to deploy the dust monitors. During brief periods when temperatures elevated above freezing, soil conditions are observed to be saturated given recent snowstorms. The site was snow-covered on Wednesday 1/30.

South Island Apartments RAWP Update Month of February 2019

Eastern Bank

1. Installation of rip-rap along the bank was completed.
2. Placement of redi-rock for the wall continued.
3. Work continued to connect the drainage system for the wall.

Western Bank

1. Installation of rip-rap along the bank continued.
2. Work on the retaining wall along the bank continued.

Building 25

1. Excavation in preparation for placement of the foundation was completed.
2. Excavation in preparation for placement of footers was completed. Work on pouring footers started.
3. Preparation for pouring walls of the parking garage started.

Other Site Work

1. Excavation for utility connections near the site entrance started. Three sewer manholes have been installed.
2. Material from the protected stockpile, which was from the southern tip of the site outside the BCP site boundary, was returned to the southern tip of the site.
3. The central stockpile of material from the BCP site was used to grade the site.

CAMP Update

Week of 1/28:

1. Friday 2/1: Temperatures were too low to deploy the dust monitors. Site was mainly snow covered with some exposed soils that were frozen.

Week of 2/4:

1. The site was saturated and muddy due to snow melt and periods of rain. Dust monitors were not deployed.

Week of 2/11:

1. Monday 2/11 and Tuesday 2/12: The soil was frozen and temperatures were too low to deploy the dust monitors.

2. Wednesday 2/13: The site was snow-covered after a storm the night before that extended into Wednesday morning. Dust monitors were not deployed.
3. Thursday 2/14 and Friday 2/15: Site conditions were frozen in the mornings with snow on Thursday. When temperatures elevated above freezing, site conditions were wet and muddy. Dust monitors were not deployed.

Week of 2/18:

1. Monday 2/18 through Wednesday 2/20: The site was snow-covered and temperatures were too low to deploy the dust monitors.
2. Thursday 2/21 and Friday 2/22: Site conditions were saturated and muddy due to melting of recent snowfall. Dust monitors were not deployed.

Week of 2/25:

1. Temperatures were too low to deploy the dust monitors.

South Island Apartments RAWP Update Month of March 2019

Eastern Bank

1. Placement of redi-rock for the wall continued, including the area near the amphitheater.
2. Work on the drainage system for the wall continued.

Western Bank

1. Installation of rip-rap along the bank continued.
2. Work on the retaining wall along the bank continued.

Building 25

1. Preparation for pouring walls of the parking garage continued. Sections of garage walls on three sides of the building were poured.

Building 30

1. Excavation in the Building 30 footprint area started.

Other Site Work

1. Excavation for utility connections continued.
2. The central stockpile of material from the BCP site continued to be used to grade the site.

CAMP Update

Week of 2/25:

- Friday 3/1: Temperatures in the morning were too low to deploy the dust monitors. Most of the site was still snow-covered or frozen over.

Week of 3/4:

- Temperatures were too low to deploy the dust monitors or the site was snow covered. Dust monitors were not deployed.

Week of 3/11:

- Monday March 11 and Tuesday March 12 – The site was saturated and muddy after the storm the previous weekend.
- Wednesday March 13 – The site was frozen in the morning, but temperatures increased during the day and dust monitors were deployed. There were no exceedances of the 15-minute TWA level.

- Thursday March 14 – The site remained muddy, but temperatures remained above freezing and the dust monitors were deployed. There were no readings exceedances of the 15-minute TWA level.
- Friday March 15 – No ground intrusive work was completed at the site given that there was a Luizzi company meeting. Dust monitors were not deployed.

Week of 3/18:

- Monday March 18 through Wednesday March 20 – dust monitors were deployed throughout the day. The 15-minute TWA was not exceeded on any of these days.
- Thursday March 21 – dust monitors were deployed in the morning before the rain started. The 15-minute TWA was not exceeded.
- Friday March 22 – Dust monitors were not deployed given that it was snowing and raining throughout the day and soils were saturated.

Week of 3/25:

- Monday March 25 through Thursday March 28 – dust monitors were deployed throughout the day. The 15-minute TWA was not exceeded on any of these days.
- Friday March 29 – Dust monitors were not deployed given that it was raining and the site was saturated.

South Island Apartments RAWP Update Month of April 2019

Eastern Bank

1. Placement of redi-rock for the wall continued in the amphitheater area.
2. Work on the drainage system for the wall continued.

Western Bank

1. Repairs to the retaining wall along the northwest corner of the site started.

Building 25

1. Concrete pouring of garage walls continued.
2. Work on drainage and backfilling near the building continued.
3. Excavation for elevator shafts was completed.
4. Grading along the southern section of the building footprint was completed.
5. Installation of vapor mitigation system trenches and piping started.

Building 30

1. Preparations for placement of footers was completed and pouring of footers started.

Other Site Work

1. Work on utility connections and other preparations to move the trailer to the eastern part of the site started.
2. Utility installation was completed on the south end of Building 25.

CAMP Update

Week of 4/1:

- Dust monitors were deployed each day. No exceedances of the 15-minute TWA were observed.

Week of 4/8:

- Monday 4/8 through Thursday 4/11 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Friday 4/12 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 4/15:

- Monday 4/15 through Thursday 4/18 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Friday 4/19 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 4/22:

- Monday 4/22, Wednesday 4/24, Friday 4/26 – Dust monitors were not deployed because it was either raining or the ground remained heavily saturated.
- Tuesday 4/23, Thursday 4/25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 4/29:

- Monday 4/29, Tuesday 4/30 – Dust monitors were not deployed because it was either raining or the soils were saturated from recent storms.

South Island Apartments RAWP Update Month of May 2019

Eastern Bank

1. Placement of redi-rock for the wall continued in the amphitheater area.
2. Work to set capstones along the eastern wall started.

Western Bank

1. Repairs to the retaining wall along the northwest corner of the site were completed.

Building 25

1. Backfilling around Building 25 continued.
2. Installation of the vapor barrier was completed, and the stone layer was installed above the vapor barrier.
3. Concrete was poured for the foundation along the northern side of Building 25.
4. Asphalt was laid in the parking garage.

Building 30

1. Pouring footers for Building 30 was completed.
2. Pouring concrete for garage walls started.

Other Site Work

1. The trailer was moved to the northeast area of the site.
2. Site grading for roads and parking lot areas continued.

CAMP Update

Week of 4/29:

- Dust monitors were not deployed given that it was either raining or the soils remained saturated.

Week of 5/6:

- Monday 5/6, Tuesday 5/7, and Friday 5/10 – Dust monitors were not deployed given that it was either raining or site soils were saturated.
- Wednesday 5/8 and Thursday 5/9 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 5/13:

- Dust monitors were not deployed because it was either raining or the soils remained heavily saturated.

Week of 5/20:

- Monday May 20 – Dust monitors were not deployed given the morning rain.
- Tuesday May 21 through Friday May 24 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 5/27:

- Monday May 27 – Dust monitors were not deployed given that it was Memorial Day.
- Tuesday May 28 and Wednesday May 29 – Dust monitors were not deployed given that it was either raining or the site soils were saturated.
- Thursday 5/30 and Friday 5/31 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Month of June 2019

Eastern Bank

1. Placement of redi-rock for the wall continued in the amphitheater area.
2. Work to set capstones along the eastern wall continued.

Building 30

1. Pouring concrete for garage walls continued.
2. Excavation for elevator shaft and column footers started. Pouring column footers started.
3. Backfilling around the walls of Building 30 started.

Other Site Work

1. Work to install utility conduits continued.
2. Approximately 1-2 gallons of diesel fuel was spilled onto the ground due to an overfill of a fuel tank. An approximately 3' by 5' area down to an 8" depth was excavated on Tuesday 6/11/19 and placed on multiple layers of poly and covered with additional poly until soil can be characterized and disposed of off-site. A PID was used to screen the soil to confirm the extent of excavation required. Alicia Barraza of DEC was notified of the spill. A poly-lined area with an earthen berm was set-up surrounding the fuel tanks as a temporary containment measure. An asphalt pad was laid for the fuel tanks.
3. Samples were collected from the excavated soil from the diesel fuel spill so the soil can be characterized prior to off-site disposal.
4. Work on preparations for installing curbing started.

CAMP Update

Week of 6/3:

- Monday June 3 through Wednesday June 5 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday June 6 and Friday June 7 – Dust monitors were not deployed given that it was either raining or the site soils were heavily saturated from recent storm.

Week of 6/10:

- Monday June 10, Wednesday June 12, Friday June 14 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday June 11 and Thursday June 13 – Dust monitors were not deployed because it was raining.

Week of 6/17:

- Monday June 17 through Wednesday June 19, Friday June 21 – Dust monitors were not deployed given that it was either raining or the soils were saturated as a result of recent storms.
- Thursday June 20 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 6/24:

- Monday June 24, Thursday June 27, and Friday June 28 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday June 25 and Wednesday June 26 – Dust monitors were not deployed given that it was either raining or the soils were saturated from recent storms.

South Island Apartments RAWP Update Month of July 2019

Eastern Bank

1. Work to set capstones along the eastern wall continued.

Building 30

1. Work to install column footers continued.
2. Backfilling around the walls of Building 30 continued.
3. Sections of the vapor mitigation system were installed.
4. Asphalt was laid across sections of the building footprint.

Building 20

1. Some excavation work in the Building 20 foundation area started in order to provide backfill material for Building 30.

Other Site Work

1. Site roads were paved.
2. Curbing was installed across the site.
3. Soils from the diesel fuel spill during the week of June 10 were disposed of off-site at Waste Management's facility in Gansevoort, NY.
4. Work on utilities continued across the site.
5. Final cover was installed in a portion of a curbed island on the site.
6. A section of sidewalk was constructed near the site entrance.

CAMP Update

Week of 7/1:

- Monday July 1 through Wednesday July 3 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday July 4 and Friday July 5 – Dust monitors were not deployed due to the holiday schedule at the site.

Week of 7/8:

- Monday July 8 through Friday July 12 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 7/15:

- Wednesday July 17 and Thursday July 18 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.
- Monday July 15, Tuesday July 16, Friday July 19, and Saturday July 20 – Dust monitors were deployed, including on Saturday when sub-base was placed in front of Building 15. No exceedances of the 15-minute TWA were observed.

Week of 7/22:

- Tuesday July 23 – Dust monitors were not deployed given that the site was still saturated from recent rains.
- Monday July 22, Wednesday July 24, Thursday July 25, and Friday July 26 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 7/29:

- Monday July 29, Tuesday July 30– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday July 31 – Dust monitors were not deployed given that it was raining.

South Island Apartments RAWP Update Month of August 2019

Building 15

1. Work on sidewalks and installation of final cover around Building 15 started.

Building 30

1. Completed installation of vapor mitigation piping and vapor barrier for Building 30.
2. Backfilling continued around Building 30 exterior.

Building 20

1. Excavation work for Building 20 continued.
2. Excavation for building footers started.

Other Site Work

1. Utility work continued across the site.

CAMP Update

Week of 7/29:

- Thursday August 1, and Friday August 2 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 8/5:

- Monday August 5 and Tuesday August 6 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday August 7 through Friday August 9 – Dust monitors were not deployed given that it was either raining or the site soils were saturated from recent storms.

Week of 8/12:

- Monday August 12 – Dust monitors were deployed. Exceedances of the 15-minute TWA were observed in the afternoon for one of the dust monitors. However, this was due to the movement of the work zone (during backfilling near Building 30) to the same area as the location of the dust monitor so that it no longer represented either an upwind or a downwind perimeter location.
- Tuesday August 13 and Thursday August 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday August 14 and Friday August 16 – Dust monitors were not deployed given that it was either raining or the site soils were saturated from recent storms.

Week of 8/19:

- Monday August 19 and Wednesday August 21 – Dust monitors were not deployed given that the site was saturated from recent rains.
- Tuesday August 20, Thursday August 22 and Friday August 23 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 8/26:

- Monday August 26 through Friday August 30 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments RAWP Update Month of September 2019

Building 15

1. Work on sidewalks and installation of final cover around Building 15 continued.

Building 30

1. Backfilling continued around Building 30 exterior.

Building 20

1. Work on preparing foundation walls and pouring of concrete walls for Building 20 started.
2. Excavation for column footers started.

Other Site Work and Updates

1. Utility work continued across the site.
2. Installation of transformer pads started.
3. Alicia Barraza and Ruth Curley of DEC visited the site on Thursday 9/19 to observe the progress of the RAWP.

CAMP Update

Week of 9/2:

- Monday September 2 – Labor Day, no work conducted on site.
- Tuesday September 3 and Wednesday September 4– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday September 5 and Friday September 6– Dust monitors were not deployed. Site soils were saturated from recent storms.

Week of 9/9:

- Monday September 9 – Wednesday September 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday September 12– Dust monitors were not deployed. A light rain was observed, and site soils were saturated.
- Friday September 13– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

Week of 9/16:

- Monday September 16 through Friday September 20 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed on Monday, Wednesday, Thursday or Friday. Exceedances of the 15-minute TWA were observed at one of the dust monitoring locations on

Tuesday. However, this was located at the upwind monitoring station and not due to ongoing activities at the site.

Week of 9/23:

- Monday September 23 through Thursday September 26 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday September 27 – Dust monitors were not deployed given that the site was heavily saturated from recent rains.

South Island Apartments RAWP Update Month of October 2019

Building 20

1. Work on preparing foundation walls and pouring of concrete walls and footers for Building 20 continued.
2. Backfilling work around Building 20 started.

Other Site Work and Updates

1. Utility work continued across the site.
2. Installation of transformer pads was completed.
3. Sidewalk construction work continued.
4. Landscaping work started.
5. Fencing was installed around the Building 15 area.
6. Paving work continued.
7. Two monitoring wells were installed near Building 25 to monitor for the potential presence of remaining LNAPL.
8. Alicia Barraza, Ruth Curley, and Michael Komoroske of DEC visited the site on Wednesday 10/23.

CAMP Updates

CAMP Update for Week of 9/30:

- Tuesday October 1, Wednesday October 2, Friday October 4, 2019 – Dust monitors were not deployed given that it was either raining or the site soils were saturated.
- Thursday October 3, 2019 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 10/7:

- Monday October 7 and Tuesday October 8 - Dust monitors were not deployed given that it was either raining or the site soils were saturated.
- Wednesday October 9 and Thursday October 10 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday October 11 – Dust monitors were deployed. However, there was an equipment malfunction, and data was not acquired for the upwind dust monitor. No exceedances of the 15-minute TWA were observed for the downwind monitoring station.

CAMP Update for Week of 10/14:

- Monday October 14 through Wednesday October 16 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday October 17 and Friday October 18 - Dust monitors were not deployed given that it was either raining of the site was heavily saturated from recent rains.

CAMP Update for Week of 10/21:

- Monday October 21 through Friday October 25 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.

CAMP Update for Week of 10/28:

- Monday October 28 through Thursday October 31 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.

South Island Apartments RAWP Update Month of November 2019

Building 20

1. Work on preparing foundation walls and pouring of concrete walls and footers for Building 20 continued.
2. Backfilling work around Building 20 continued.

Other Site Work and Updates

1. Utility work continued across the site.
2. Sidewalk construction work continued.
3. Landscaping work continued.
4. Paving work continued, including areas near Building 30.
5. Grading work started along the southern tip of the property.
6. Final cover was completed on the eastern and western sides of Building 25, on the southern tip of the property, east/northeast of Building 30, and the south entrance to Building 30.
7. Interim cover was installed in the parking area west of Building 20.
8. Grading work was completed along the northeastern area of the property and preparations for paving started.

CAMP Updates

CAMP Update for Week of 10/28:

- Monday October 28 through Friday November 1 – Dust monitors were not deployed given that it was either raining or the site was saturated from recent storms.

CAMP Update for Week of 11/4:

- Monday November 4, Tuesday November 5, and Wednesday November 6 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday November 7 - Dust monitors were deployed for a short period in the morning before rain started. No exceedances of the 15-minute TWA were observed.
- Friday November 8 – Dust monitors were not deployed given that the site was frozen and temperatures were too low for use of the equipment.

CAMP Update for Week of 11/11:

- Monday November 11 through Wednesday November 13 – Dust monitors were not deployed because the site was either saturated from recent storms or temperatures were too low for the equipment to operate.
- Thursday November 14 - Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday November 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed at the downwind location. There was an equipment error in the upwind dust monitor that prevented data from recording correctly, which has been resolved.

CAMP Update for Week of 11/18:

- Monday November 18– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday November 19 through Friday November 22 – Dust monitors were not deployed given that the site soils were thoroughly saturated.

CAMP Update for Week of 11/25:

- Monday November 25 through Wednesday November 27 – dust monitors were not deployed given that site soils were saturated from recent storms.
- Thursday November 28 and Friday November 29 – dust monitors were not deployed given that it was a holiday.

South Island Apartments RAWP Update Month of December 2019

Building 20

1. Backfilling work around Building 20 continued, and clean cover was placed around the exterior of Building 20.
2. Grading work was completed in the foundation area, and interim cover was installed across the building footprint.

Other Site Work and Updates

1. Curbing was installed along the northern side of the northeast parking area. Paving was also completed in this area.
2. Rip-rap was installed along the banks of the southern tip of the property.
3. Installed cover in the green space and sidewalk areas along the northeast corner of Building 30, southeast corner of Building 30, southwest corner of Building 25 and in the parking lot north of Building 20.
4. Poured concrete patios around Building 25 and the sidewalk along the west side of Building 25.
5. Cover was installed in the amphitheater area, between the amphitheater and Building 20, northeast of Building 25, and west of the main driveway near Building 30.
6. Cover was installed in green space west of Building 30 and in areas east of Building 30 near scaffolding.
7. Alicia Barraza and Ruth Curley of DEC visited the site on Friday 12/27 to observe the progress of RAWP activities.

CAMP Updates

CAMP Update for Week of 12/2:

- Monday December 2 through Friday December 6 – Dust monitors were not deployed given that the site was snow covered.

CAMP Update for Week of 12/9:

- Monday December 2 through Friday December 6 – Dust monitors were not deployed given that the site was either saturated or frozen.

CAMP Update for Week of 12/16:

- Monday December 16 through Friday December 20 – Dust monitors were not deployed given that the site was either saturated or frozen.

CAMP Update for Week of 12/23:

- Monday December 23 through Friday December 27 – Dust monitors were not deployed given that the site was saturated and/or no site work was being completed.

CAMP Update for Week of 12/30:

- Monday December 30 to Tuesday December 31 – Dust monitors were not deployed given that no site was occurring.

South Island Apartments Interim SMP Update Month of January 2020

Building 20

1. Backfilling work around Building 20 continued.
2. Stormwater pipe and structure installation work was completed in the Northern area of Building 20.
3. Installation of vapor mitigation system started. Pipe was installed and some of the vapor barrier.

Building 15

1. Inspection of the SSDS for Building 15 was completed. The readings on the three (3) manometers indicated that the system is functioning properly.

Building 25

1. Work to install final cover around the building continued.

Amphitheater

1. Grading work was completed.

Other Site Work and Updates

1. Site work started under the interim SMP on Tuesday January 7.
2. Groundwater sampling for MW-32 and MW-33 was completed on Thursday 1/16.
3. Utility work continued.
4. Work to widen the west bank area south of Building 25 started.

CAMP Updates

CAMP Update for Week of 1/6:

- Tuesday January 7 through Friday January 10 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing. PIDs were deployed each day. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.

CAMP Update for Week of 1/13:

Dust monitors

- Monday January 13 through Friday January 17 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 13 through Wednesday January 15 - PIDs were deployed. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.
- Thursday January 16 and Friday January 17 – PIDs were not deployed because no ground intrusive site work was being completed below clean cover.

CAMP Update for Week of 1/20:

Dust monitors

- Monday January 20 through Friday January 24 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 20 and Tuesday January 21 – PIDs were not deployed because no ground intrusive site work was being completed below clean cover.
- Wednesday January 22 and Thursday January 23 - PIDs were deployed. No exceedances of 5 ppm were observed. It should be noted that issues with battery life have been experienced due to cold temperatures.
- Friday January 24 – PIDs were deployed. At one downwind location, an average concentration of 5.2 ppm was recorded. However, this was determined to be an issue with the instrument calibration when the instrument was inspected midday. When the instrument was recalibrated, the reading immediately went back down to 0 ppm.

CAMP Update for Week of 1/27:

Dust monitors

- Monday January 27 through Friday January 31 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday January 27 through Friday January 31 – PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.

South Island Apartments Interim SMP Update Month of February 2020

Building 20

1. Backfilling work around Building 20 continued.
2. Installation of vapor mitigation system was completed. A piece of broken pipe was also repaired.
3. Work on installing support beams around Building 20 started.

Building 15

1. Inspection of the SSDS for Building 15 was completed. The readings on the three (3) manometers indicated that the system is functioning properly.

Building 25

1. Work to install final cover around the building was completed.

Amphitheater

1. Grading work was completed.

Other Site Work and Updates

1. Utility work continued.
2. Work to widen the west bank area south of Building 25 continued.
3. Paving work was completed in Building 25 parking garage and west of Building 20.

SWPPP Action Items

The following actions were completed to address recommendations in the SWPPP inspections (see attached photo log):

- Exposed soil near Building 15 and along the bank south of Building 25 were stabilized
- Silt fencing was repaired on the southern tip of the site
- Additional stone has been laid in construction entrances to address sediment tracking concerns
- Roads continue to be swept and the truck wash utilized to address sediment tracking concerns

CAMP Updates

CAMP Update for Week of 2/3:

Dust monitors

- Monday February 3 through Friday February 7 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 3 – The PIDs were deployed. There was another calibration issue where the value at one location drifted up during the day and needed to be recalibrated. This is the same unit that caused this issue in the past, and it will be swapped out with a different unit.
- Tuesday February 4 through Friday February 7 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.

CAMP Update for Week of 2/10:

Dust monitors

- Monday February 10 through Friday February 14 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 10 through Tuesday February 11 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.
- Wednesday February 12 through Friday – The PIDs were deployed. No exceedances of 5 ppm were observed.

CAMP Update for Week of 2/17:

Dust monitors

- Monday February 17 through Friday February 21 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

PIDs

- Monday February 17 - PID Air Monitoring Stations were not deployed given that no ground intrusive work beneath the demarcation layer occurred.
- Tuesday February 18 through Friday February 21 – The PIDs were deployed. No exceedances of 5 ppm were observed.

CAMP Update for Week of 2/24:

Dust monitors

- Monday February 24 through Friday February 28 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

South Island Apartments Interim SMP Update Month of March 2020

Amphitheater

1. Grading work continued and concrete blocks were placed.

Other Site Work and Updates

1. Utility work continued.
2. Inspections of the mitigation systems for Buildings 15 and 25 were completed. The systems are functioning as expected.

CAMP Updates

CAMP Update for Week of 3/02:

Dust monitors

- Monday March 2 through Friday March 6 – Dust monitors were not deployed given that the site was either saturated or temperatures were below freezing.

CAMP Update for Week of 3/09:

Dust monitors

- Monday March 9 through Friday March 13 – Dust monitors were not deployed given that the site was saturated.

CAMP Update for Week of 3/16:

Dust monitors

- Monday March 16 through Friday March 20 – Dust monitors were not deployed given that the site was saturated.

CAMP Update for Week of 3/23:

Dust monitors

- Monday March 23 through Friday March 27 – Dust monitors were not deployed given that the site was saturated.

CAMP Update for Week of 3/30:

Dust monitors

- Monday March 30 – Dust monitors were not deployed given that the site was saturated.

South Island Apartments Interim SMP Update Month of April 2020

Building 30

1. Work was completed on pouring concrete for porches for Building 30.

Amphitheater

1. Backfilling work continued. Concrete blocks were placed.

Other Site Work and Updates

1. Work was completed on a storm drain at the northeastern end of the property in the DOT right-of-way.
2. Utility work was completed north of Building 20.
3. Grading work was completed west of Building 25 and east of Building 30.
4. Sidewalk preparation work was completed adjacent to Building 30.
5. Preparation work started for the retaining wall along the southeast bank.
6. Sod was laid behind Building 25 and replaced behind Building 15.

CAMP Updates

CAMP Update for Week of 3/30:

Dust monitors

- Wednesday April 1 through Friday April 3 – Dust monitors were not deployed given that the site was saturated.

CAMP Update for Week of 4/6:

Dust monitors

- Monday April 6 through Wednesday April 8 – Dust monitors were not deployed given that the site was saturated.
- Thursday April 9 and Friday April 10 – No site work was completed.

CAMP Update for Week of 4/13:

Dust monitors

- Monday April 13– No site work was completed.
- Tuesday April 14 through Friday April 17 - Dust monitors were not deployed given that the site was saturated.

CAMP Update for Week of 4/20:

Dust monitors

- Monday April 20 through Thursday April 23 – Dust monitors were not deployed given that the site was saturated from recent storms.
- Friday April 24 – No site work was completed.

CAMP Update for Week of 4/27:

Dust monitors

- Monday April 27 through Friday May 1 – Dust monitors were not deployed given that the site was saturated from recent storms.

South Island Apartments Interim SMP Update Month of May 2020

Building 30

1. Paving work was completed in the parking garage.
2. Work was completed on the parking garage entrance to prepare for placement of heated concrete.

Amphitheater

1. Capstones were placed in the amphitheater area.

Other Site Work and Updates

1. Grading work was completed for sidewalks. Sidewalks were poured adjacent to Building 30.
2. Utility work continued.
3. Work on the west bank retaining wall continued. Additional rip-rap was placed adjacent to the wall.
4. Work on the southern tip retaining walls continued.
5. Groundwater sampling of wells MW-32 and MW-33 was completed.
6. Topsoil and sod were placed in the southern tip.
7. Work on final cover around Building 30 continued.
8. Curbing was installed along the west bank.

CAMP Updates

CAMP Update for Week of 5/4:

Dust monitors

- Monday May 4 through Friday May 8 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed. There was a data collection issue with one of the monitors on Tuesday May 5, which was determined to be a firmware issue. A replacement monitor was obtained. No other equipment issues were encountered.

CAMP Update for Week of 5/11:

Dust monitors

- Monday May 11 through Friday May 15 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 5/18:

Dust monitors

- Monday May 18 through Friday May 22 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 5/25:

Dust monitors

- Monday May 25 – Dust monitors were not deployed because no site work was completed due to the holiday.
- Tuesday May 26 through Friday May 22 – Dust monitors were deployed in front of Buildings 15 and 25. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Month of July 2020

Building 30

1. Concrete poured for sidewalks on west side of building 30

Building 20

1. Curbing subbase prepared surrounding building 20
2. Transformer pad installed adjacent to building 20

Building 10 (Commercial Building)

1. Excavation for the commercial building foundation was completed. Excavated material kept on site for backfill.
2. Backfilled around commercial building
3. Concrete foundation work for the commercial building.
4. Installation of water and sewer lines for commercial building

Other Site Work and Updates

1. Utility work continued.
2. Pools were installed between buildings 20 and 30
3. Curbing prepped for southern tier
4. Paved asphalt of southern tier parking area

CAMP Updates

CAMP Update for Week of 6/29

- Monday June 29 and Thursday July 2– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday July 3 – Dust monitors were not deployed due to observance of Independence Day.

CAMP Update for Week of 7/6:

- Monday July 6 and Friday July 10 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 7/13:

- Monday July 13 and Friday July 17 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 7/20:

- Monday July 20 and Friday July 24 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 6/29:

- Monday July 27 and Friday July 31– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Month of June 2020

Building 30

1. Concrete poured for sidewalks on west side of building 30

Building 20

1. Curbing subbase prepared surrounding building 20
2. Transformer pad installed adjacent to building 20

Building 10 (Commercial Building)

1. Excavation for the commercial building foundation was completed.
2. Backfilled around commercial building
3. Concrete foundation work for the commercial building.
4. Installation of water and sewer lines for commercial building

Other Site Work and Updates

1. Utility work continued.
2. Pools were installed between buildings 20 and 30
3. Curbing prepped for southern tier
4. Paved asphalt of southern tier parking area

CAMP Updates

CAMP Update for Week of 6/29

- Monday June 29 and Thursday July 2– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Friday July 3 – Dust monitors were not deployed due to observance of Independence Day.

CAMP Update for Week of 7/6:

- Monday July 6 and Friday July 10 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 7/13:

- Monday July 13 and Friday July 17 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 7/20:

- Monday July 20 and Friday July 24 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 6/29:

- Monday July 27 and Friday July 31– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Month of September 2020

Building 20

1. Sidewalks prepared and poured around east & northeast sides of Building 20
2. Continued utility work around Building 20
3. Building 20 garage ramp grading and asphalt topcoat preparations
4. Completed asphalt topcoat of building 20 garage
5. Topsoil grading and green space work around Building 20
6. Repairs to portions of Eastern sea wall

Building 10 (Commercial Building)

1. Continued utility work around commercial building
2. Commercial building backfilled

Pool Area

1. Continued construction of pool house and pavilion
2. Completed installation of pool catch basins, piping, and electrical conduit
3. Concrete poured around entire pool area
4. Artificial turf installed around pool area

Other Site Work and Updates

1. Completed inspections of vapor mitigation systems for Building 15, Building 25 and Building 30. The systems are functioning properly.

CAMP Updates

CAMP Update for Week of 8/31:

- Monday August 31, Tuesday September 1, Thursday September 3 and Friday September 4 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday September 2 – Dust monitors were not deployed due to inclement weather.

CAMP Update for Week of 9/7:

- Monday September 7 – Dust monitors were not deployed due to observance of Labor Day.
- Tuesday September 8 to Friday September 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 9/14:

- Monday September 14 to Friday September 18 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

South Island Apartments Interim SMP Update Month of September 2020

Building 20

1. Sidewalks prepared and poured around east & northeast sides of Building 20
2. Continued utility work around Building 20
3. Building 20 garage ramp grading and asphalt topcoat preparations
4. Completed asphalt topcoat of building 20 garage
5. Topsoil grading and green space work around Building 20
6. Repairs to portions of Eastern sea wall

Building 10 (Commercial Building)

1. Continued construction of commercial building
2. Continued utility work around commercial building
3. Commercial building backfilled

Pool Area

1. Continued construction of pool house and pavilion
2. Completed installation of pool catch basins, piping, and electrical conduit
3. Concrete poured around entire pool area
4. Artificial turf installed around pool area
5. Installation of pool "blow out" line

Other Site Work and Updates

1. Completed inspections of vapor mitigation systems for Building 15, Building 25 and Building 30. The systems are functioning properly.

CAMP Updates

CAMP Update for Week of 8/31:

- Monday August 31, Tuesday September 1, Thursday September 3 and Friday September 4 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday September 2 – Dust monitors were not deployed due to inclement weather.

CAMP Update for Week of 9/7:

- Monday September 7 – Dust monitors were not deployed due to observance of Labor Day.
- Tuesday September 8 to Friday September 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 9/14:

- Monday September 14 to Friday September 18 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 9/21:

- Monday September 21 to Friday September 25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 9/28:

- Tuesday September 29– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Monday September 28 and Wednesday September 30 – Dust monitors not deployed due to inclement weather. No ground intrusive work.
- Thursday October 1 and Friday October 2 – Dust monitors not deployed. Luizzi was not working on site.

South Island Apartments Interim SMP Update Month of October 2020

Building 20

1. Building 20 garage asphalt topcoat
2. Graded and added soil cover to northeast corner of building 20

Building 10 (Commercial Building)

1. Continued construction of commercial building
2. Installation of storm sewer line for commercial building
3. Built temporary access ramp into commercial building
4. Installation of vapor mitigation piping at both stairwells, in mechanical room, and on west side of commercial building
5. Concrete poured at both stairwells and in mechanical room of commercial building

Pool Area

1. Installation of sidewalk bollard light poles around pool area and east of Building 30
2. Green space work and landscaping completed around pool area

Other Site Work and Updates

1. Completed inspections of vapor mitigation systems for Building 15, Building 25 and Building 30. The systems are functioning properly.
2. Raised seawall on eastern side of commercial building
3. Installation of demarcation fabric at southern tier and backfilled area with clean soil
4. Installation of water service lines at southern tier
5. Installation of light pole bases at southern tier

CAMP Updates

CAMP Update for Week of 10/5:

- Monday October 5 to Friday October 9 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 10/12:

- Monday October 12, Wednesday October 14 and Thursday October 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Tuesday October 13 and Friday October 16 – Dust monitors were not deployed due to inclement weather.

CAMP Update for Week of 10/19:

- Monday October 19 to Wednesday October 21 and Friday October 23 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday October 22 – Dust monitors were not deployed. Luizzi was not on site.

CAMP Update for Week of 10/26:

- Monday October 26 and Tuesday October 27– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday October 28 – Friday October 30 – Dust monitors were not deployed due to inclement weather.

South Island Apartments Interim SMP Update Month of November 2020

Building 10 (Commercial Building)

1. Continued construction of commercial building
2. Installation of gas line for commercial building
3. Sidewalks poured on east side of commercial building and around amphitheater
4. Grading on east side of commercial building
5. Preparations for curbing at commercial building parking areas
6. Construction of retaining wall on east side of commercial building
7. Preparations for patio area on east side of commercial building
8. Installation of grease trap on north side of commercial building
9. Installation of light pole bases along sidewalks east of commercial building

Other Site Work and Updates

1. Completed inspections of vapor mitigation systems for Building 15, Building 25 and Building 30. The systems are functioning properly.
2. Installation of bollard lights at southern tier
3. Construction of dock at southern tier
4. Sidewalks poured at southern tier up to dock area

CAMP Updates

CAMP Update for Week of 11/2:

- Monday November 2 – Friday November 6– Dust monitors were deployed. There was a data collection issue with one of the monitors on Tuesday November 3. No other equipment issues were encountered. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 11/9:

- Monday November 9 – Friday November 13– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 11/16:

- Monday November 16, Tuesday November 17, Thursday November 19, & Friday November 20– Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday November 18 – Dust monitors were not deployed given that temperatures were below freezing.

CAMP Update for Week of 11/23:

- Monday November 23 – Dust monitors were not deployed due to inclement weather.
- Tuesday November 24 & Wednesday November 25 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Thursday November 26 & Friday November 27 – Dust monitors were not deployed due to the thanksgiving holiday.

South Island Apartments Interim SMP Update Month of December 2020

Building 10 (Commercial Building)

1. Continued utility work for commercial building
2. Continued grading around commercial building
3. Concrete poured for sidewalks around commercial building
4. Curbing poured around commercial building parking areas
5. Asphalt skim coat poured for commercial building parking areas
6. Construction of retaining wall on west side of commercial building

Other Site Work and Updates

1. Completed inspections of vapor mitigation systems for Building 15, Building 25, and Building 30. The systems are functioning properly.
2. General site cleanup

CAMP Updates

CAMP Update for Week of 11/30:

- Monday November 30 – Dust monitors were deployed for approximately one hour due to inclement weather. No exceedances of the 15-minute TWA were observed during this time.
- Tuesday December 1 – Dust monitors were deployed. Data was not collected for a two-hour period due to inclement weather. No exceedances of the 15-minute TWA were observed.
- Wednesday December 2 to Friday December

CAMP Update for Week of 12/7:

- Monday December 7 to Wednesday December 9 – Dust monitors not deployed given that temperatures were below freezing.
- Thursday December 10 and Friday December 11 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.

CAMP Update for Week of 12/14:

- Monday December 14 to Tuesday December 15 – Dust monitors were deployed. No exceedances of the 15-minute TWA were observed.
- Wednesday December 16 to Friday December 18 – Dust monitors not deployed given that temperatures were below freezing.

CAMP Update for Week of 12/21 and Week of 12/28:

- Dust monitoring requirement removed per NYSDEC/DOH on December 17, 2020.

APPENDIX G

Photo Log

(separate electronic submittal)

APPENDIX H

Waste Characterization Sampling and Landfill Approval

TABLE 4. Waste Characterization Results for Soils.

	Sample ID	Regulatory Level for Comparison[1]	A-1	A-2	C-1	C-2	C-3	C-4
Parameter	Units							
Polychlorinated Biphenyls (PCBs)								
PCB, Total	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1016 (Aroclor 1016)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1221 (Aroclor 1221)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1232 (Aroclor 1232)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1242 (Aroclor 1242)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1248 (Aroclor 1248)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1254 (Aroclor 1254)	mg/kg	1	ND	ND	ND	ND	ND	ND
PCB-1260 (Aroclor 1260)	mg/kg	1	ND	ND	ND	ND	ND	ND
TCLP Metals								
Arsenic	mg/L	5	ND	ND	ND	ND	ND	ND
Barium	mg/L	100	1.0	0.73	0.89	0.99	0.88	0.99
Cadmium	mg/L	1	ND	ND	ND	ND	ND	ND
Chromium	mg/L	5	ND	ND	ND	ND	ND	ND
Lead	mg/L	5	0.46	0.47	0.43	1.2	1.1	1.1
Selenium	mg/L	1	ND	ND	ND	ND	ND	ND
Silver	mg/L	5	ND	ND	ND	ND	ND	ND
Mercury	mg/L	0.2	ND	ND	ND	ND	ND	ND
TCLP VOCs								
1,1-Dichloroethene	mg/L	0.7	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	mg/L	0.5	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/L	200	ND	ND	ND	ND	ND	ND
Benzene	mg/L	0.5	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	mg/L	0.5	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/L	100	ND	ND	ND	ND	ND	ND
Chloroform	mg/L	6	ND	ND	ND	ND	ND	ND
Tetrachloroethene	mg/L	0.7	ND	ND	ND	ND	ND	ND
Trichloroethene	mg/L	0.5	ND	ND	ND	ND	ND	ND
Vinyl chloride	mg/L	0.2	ND	ND	ND	ND	ND	ND
TCLP SVOCs								
1,4-Dichlorobenzene	mg/L	7.5	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	mg/L	400	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	mg/L	2	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	mg/L	0.13	ND	ND	ND	ND	ND	ND
2-Methylphenol(o-Cresol)	mg/L	200	ND	ND	ND	ND	ND	ND
3&4-Methylphenol(m&p Cresol)	mg/L	200	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	mg/L	0.5	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/L	0.13	ND	ND	ND	ND	ND	ND
Hexachloroethane	mg/L	3	ND	ND	ND	ND	ND	ND
Nitrobenzene	mg/L	2	ND	ND	ND	ND	ND	ND
Pentachlorophenol	mg/L	100	ND	ND	ND	ND	ND	ND
Pyridine	mg/L	5	ND	ND	ND	ND	ND	ND
Other Parameters								
Ignitability	mm/sec		<2.2 mm/sec	<2.2 mm/sec	<2.2 mm/sec	<2.2 mm/sec	<2.2 mm/sec	<2.2 mm/sec
Flashpoint	deg F	<140	>200	>200	>200	>200	>200	>200
Sulfide	mg/kg		ND	ND	ND	ND	ND	ND
pH in water at 25 degrees C	Std. Units	≤ 2 or ≥ 12.5	8.4	8.1	7.9	7.8	7.9	8.1
Cyanide	mg/kg		5.9	4.2	2.2	4.1	5.2	5.0

[1] = Based on RCRA criteria for a waste to be considered hazardous, with the exception of PCBs, which is based on landfill acceptance criteria.

From: Conde III, Thomas <tconde3@wm.com>
Sent: Tuesday, April 14, 2020 10:06 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: cpafundi@luizzibros.com
Subject: RE: Profile 119055NY

Rachel,

The additional tonnage was added to this

From: Rachel Farnum <rfarnum@envirospeceng.com>
Sent: Tuesday, April 14, 2020 8:45 AM
To: Conde III, Thomas <tconde3@wm.com>
Cc: cpafundi@luizzibros.com
Subject: [EXTERNAL] Re: Profile 119055NY

I wanted to check in on the status of this? Thanks!

- Rachel

From: Rachel Farnum
Sent: Friday, April 3, 2020 12:15:12 PM
To: Conde III, Thomas <tconde3@wm.com>
Subject: RE: Profile 119055NY

I have attached the amendment form. The sample IDs refer to the results in the previous email. Thanks!

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Conde III, Thomas <tconde3@wm.com>
Sent: Friday, April 3, 2020 10:48 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Subject: RE: Profile 119055NY

Rachel,

Please complete the attached amendment to add this material to the profile

---

From: Rachel Farnum <rfarnum@envirospeceng.com>
Sent: Friday, April 3, 2020 10:22 AM
To: Conde III, Thomas <tconde3@wm.com>
Subject: [EXTERNAL] RE: Profile 119055NY

I have attached sample results of material that is representative of what they plan to dispose of. Please let me know if you have any questions. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

Profile Amendment Request Form

Rachel Farnum hereby requests an amendment to WMI profile #: 119055NY
(Contact Name)

to include the following:

Amendment Type: ❑ One Time Only Request (Event) ❑ Permanent Addition to Profile (Base)

☑ Additional Analytical/MSDS to be added to profile (see attached) **Analytical ID #(s): C-1, C-2, C-3, C-4, A-1, A-2

☑ Volume Increase (specify volume) 5500 ☑ Tons ❑ Cubic Yards ❑ Drums ❑ Gallons ❑ Other (specify) _____

❑ Constituent(s) to be added and/or modify current range in chemical composition:

Chemicals or constituents to be added/modify	Low	High	Units
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

❑ Change current ranges on profile (specify below)

pH Range _____ to _____ Free Liquid Range _____ to _____

❑ Other (specify) _____

_____

_____

GENERATOR CERTIFICATION

By signing this form, the Generator hereby certifies:
The information provided in this document, the referenced Waste Management Generator's Waste Profile Sheet, and all other referenced documents contain true and accurate descriptions of the waste material. All information regarding known or suspected hazards in the possession of the Generator has been disclosed.

Generator/Customer Signature: _____ Date: 4/3/2020

Company Name: Envirospec Engineering, PLLC (on behalf of Luizzi Construction Services, LLC)

Name (Print): Rachel Farnum Title: Senior Engineer

FOR WASTE MANAGEMENT USE ONLY

Submitted By: _____ Date: _____ Time: _____
(W.M. Initials)

WM Approval: _____ Date: _____

Agency Approval Required: ❑ Yes ❑ No

❑ Profile Extension

Original Expiration Date _____

Requested Extension _____

New Expiration Date _____

❑ Analytical Extension

Analytical Due Date _____

Requested Extension _____

New Analytical Due Date _____

Conditions/Precautions: _____

_____

_____

_____

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

April 02, 2020

Ms. Rachel Farnum
Envirospec Engineering
349 Northern Blvd #3
Albany, NY 12204

RE: Project: Green Island RCRA
Pace Project No.: 30355922

Dear Ms. Farnum:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Long Island
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Samantha Bayura

Samantha Bayura
samantha.bayura@pacelabs.com
(724)850-5622
Project Manager

Enclosures

cc: Ms. Sheri Roberts, Couch White
Mr. Adam Schultz, Couch White

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Green Island RCRA
Pace Project No.: 30355922

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Florida: Cert E871149 SEKS WET
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

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SAMPLE SUMMARY

Project: Green Island RCRA
Pace Project No.: 30355922

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30355922001	**C-1**	Solid	03/19/20 13:14	03/21/20 10:15
30355922002	**C-2**	Solid	03/19/20 13:17	03/21/20 10:15
30355922003	**C-3**	Solid	03/19/20 13:24	03/21/20 10:15
30355922004	**C-4**	Solid	03/19/20 13:28	03/21/20 10:15
30355922005	**A-1**	Solid	03/19/20 13:38	03/21/20 10:15
30355922006	**A-2**	Solid	03/19/20 13:44	03/21/20 10:15

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SAMPLE ANALYTE COUNT

Project: Green Island RCRA
Pace Project No.: 30355922

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30355922001	**C-1**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA
30355922002	**C-2**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA
30355922003	**C-3**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA
30355922004	**C-4**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA

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Greensburg, PA 15601
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SAMPLE ANALYTE COUNT

Project: Green Island RCRA
Pace Project No.: 30355922

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA
30355922005	**A-1**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA
30355922006	**A-2**	EPA 8082A	CWB	10	PASI-PA
		EPA 6010C	CTS	7	PASI-PA
		EPA 7470A	KAS	1	PASI-PA
		EPA 8270D	EAC	18	PASI-PA
		EPA 8260C	JEW	14	PASI-PA
		ASTM D2974-87	TJW	1	PASI-PA
		EPA 1010	RTB	1	PASI-PA
		1030	HMB	1	PASI-MV
		EPA 9034	JM3	1	PASI-MV
		EPA 9045D	AJM	1	PASI-PA
		EPA 9014 Total CN	EKM	1	PASI-PA

PASI-MV = Pace Analytical Services - Long Island
PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 8082A**
Description: 8082A GCS PCB
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 8082A by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

ED: Due to the extract's physical characteristics, the analysis was performed at dilution.
- A-1 (Lab ID: 30355922005)
- A-2 (Lab ID: 30355922006)
- C-1 (Lab ID: 30355922001)
- C-2 (Lab ID: 30355922002)
- C-3 (Lab ID: 30355922003)
- C-4 (Lab ID: 30355922004)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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(724)850-5600

PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 6010C**
Description: 6010C MET ICP, TCLP
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 6010C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3005A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 389966

B: Analyte was detected in the associated method blank.

- LB for HBN 389665 [TCLP/9304] (Lab ID: 1887228)
  - Lead

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 390528

1c: The precision between the sample and serial dilution exceeded laboratory control limits.

- A-1 (Lab ID: 30355922005)
  - Lead

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 7470A**
Description: 7470 Mercury, TCLP
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 7470A by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 389972

2c: The PDS recovery was outside of the laboratory control limits. Result may be biased high

- C-1 (Lab ID: 30355922001)
  - Mercury

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 8270D**
Description: 8270D MSSV TCLP Sep Funnel
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 8270D by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 8260C**
Description: 8260C MSV TCLP
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 8260C by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 389915

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30355922001

R1: RPD value was outside control limits.

- MSD (Lab ID: 1888396)
  - 1,2-Dichloroethane
  - Benzene
  - Chlorobenzene
  - Chloroform

Additional Comments:

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 1010**
Description: 1010 Flashpoint,Closed Cup
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 1010 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **1030**
Description: 1030 Ignitability of Solids
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for 1030 by Pace Analytical Services Long Island. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 154906

3c: Waste was found to be nonflammable under conditions of the test.

- A-1 (Lab ID: 30355922005)
  - Ignitability
- A-2 (Lab ID: 30355922006)
  - Ignitability
- C-1 (Lab ID: 30355922001)
  - Ignitability
- C-2 (Lab ID: 30355922002)
  - Ignitability
- C-3 (Lab ID: 30355922003)
  - Ignitability
- C-4 (Lab ID: 30355922004)
  - Ignitability

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 9034**
Description: 9034 Sulfide
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 9034 by Pace Analytical Services Long Island. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 9030B with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 9045D**
Description: 9045D pH Soil
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 9045D by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.
- A-1 (Lab ID: 30355922005)
- A-2 (Lab ID: 30355922006)
- C-1 (Lab ID: 30355922001)
- C-2 (Lab ID: 30355922002)
- C-3 (Lab ID: 30355922003)
- C-4 (Lab ID: 30355922004)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Green Island RCRA
Pace Project No.: 30355922

Method: **EPA 9014 Total CN**
Description: 9014 Cyanide, Total
Client: Envirospec Engineering
Date: April 02, 2020

General Information:
6 samples were analyzed for EPA 9014 Total CN by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 9010C with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 389524

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30355888001

MH: Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
- MS (Lab ID: 1886705)
  - Cyanide

ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
- MSD (Lab ID: 1886706)
  - Cyanide

R1: RPD value was outside control limits.
- MSD (Lab ID: 1886706)
  - Cyanide

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-1 **Lab ID: 30355922001** Collected: 03/19/20 13:14 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	95.8	59.1	5	04/01/20 07:43	04/01/20 17:19	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	95.8	84.9	5	04/01/20 07:43	04/01/20 17:19	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	95.8	87.2	5	04/01/20 07:43	04/01/20 17:19	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	95.8	70.0	5	04/01/20 07:43	04/01/20 17:19	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	95.8	55.1	5	04/01/20 07:43	04/01/20 17:19	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	95.8	51.1	5	04/01/20 07:43	04/01/20 17:19	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	95.8	54.5	5	04/01/20 07:43	04/01/20 17:19	11096-82-5	ED
PCB, Total	ND	ug/kg	95.8	36.1	5	04/01/20 07:43	04/01/20 17:19	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	92	%.	34-114		5	04/01/20 07:43	04/01/20 17:19	877-09-8	
Decachlorobiphenyl (S)	85	%.	38-139		5	04/01/20 07:43	04/01/20 17:19	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/30/20 09:39 Initial pH: 8.84; Final pH: 5.45 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/31/20 14:36	04/01/20 09:42	7440-38-2	
Barium	**0.89**	mg/L	0.050	0.0034	1	03/31/20 14:36	04/01/20 09:42	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/31/20 14:36	04/01/20 09:42	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/31/20 14:36	04/01/20 09:42	7440-47-3	
Lead	**0.43**	mg/L	0.025	0.025	1	03/31/20 14:36	04/01/20 09:42	7439-92-1	
Selenium	ND	mg/L	0.040	0.027	1	03/31/20 14:36	04/01/20 09:42	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/31/20 14:36	04/01/20 09:42	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.38; Final pH: 5.39 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:04	7439-97-6	2c
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.38; Final pH: 5.39 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 15:38	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 15:38	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 15:38	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 15:38	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 15:38	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 15:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 15:38		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 15:38	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 15:38	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 15:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 15:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 15:38	88-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-1 **Lab ID: 30355922001** Collected: 03/19/20 13:14 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C								
	Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.38; Final pH: 5.39								
	Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	72	%.	10-140		1	03/29/20 14:06	03/30/20 15:38	4165-60-0	
2-Fluorobiphenyl (S)	72	%.	10-135		1	03/29/20 14:06	03/30/20 15:38	321-60-8	
Terphenyl-d14 (S)	75	%.	10-128		1	03/29/20 14:06	03/30/20 15:38	1718-51-0	
Phenol-d6 (S)	34	%.	10-145		1	03/29/20 14:06	03/30/20 15:38	13127-88-3	
2-Fluorophenol (S)	44	%.	10-142		1	03/29/20 14:06	03/30/20 15:38	367-12-4	
2,4,6-Tribromophenol (S)	75	%.	10-140		1	03/29/20 14:06	03/30/20 15:38	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/25/20 10:31								
	Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/26/20 20:06	71-43-2	R1
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/26/20 20:06	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/26/20 20:06	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/26/20 20:06	108-90-7	R1
Chloroform	ND	ug/L	50.0	15.0	10		03/26/20 20:06	67-66-3	R1
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/26/20 20:06	107-06-2	R1
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/26/20 20:06	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/26/20 20:06	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/26/20 20:06	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/26/20 20:06	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	86	%.	70-130		10		03/26/20 20:06	17060-07-0	
Toluene-d8 (S)	99	%.	70-130		10		03/26/20 20:06	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	70-130		10		03/26/20 20:06	460-00-4	
Dibromofluoromethane (S)	92	%.	70-130		10		03/26/20 20:06	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Greensburg								
Percent Moisture	**14.3**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010								
	Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 16:17		
1030 Ignitability of Solids	Analytical Method: 1030								
	Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 00:59		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B								
	Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	55.6	18.7	1	03/26/20 08:54	03/26/20 12:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-1 **Lab ID: 30355922001** Collected: 03/19/20 13:14 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**7.9**	Std. Units	2.0	2.0	1		03/24/20 05:02		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**2.2**	mg/kg	1.1	0.27	1	03/24/20 13:50	03/25/20 10:08	57-12-5	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-2 **Lab ID: 30355922002** Collected: 03/19/20 13:17 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	97.2	59.9	5	04/01/20 07:43	04/01/20 17:45	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	97.2	86.1	5	04/01/20 07:43	04/01/20 17:45	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	97.2	88.4	5	04/01/20 07:43	04/01/20 17:45	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	97.2	71.0	5	04/01/20 07:43	04/01/20 17:45	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	97.2	55.9	5	04/01/20 07:43	04/01/20 17:45	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	97.2	51.8	5	04/01/20 07:43	04/01/20 17:45	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	97.2	55.3	5	04/01/20 07:43	04/01/20 17:45	11096-82-5	ED
PCB, Total	ND	ug/kg	97.2	36.7	5	04/01/20 07:43	04/01/20 17:45	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	95	%.	34-114		5	04/01/20 07:43	04/01/20 17:45	877-09-8	
Decachlorobiphenyl (S)	97	%.	38-139		5	04/01/20 07:43	04/01/20 17:45	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.55; Final pH: 5.38 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/26/20 14:44	03/27/20 07:19	7440-38-2	
Barium	**0.99**	mg/L	0.050	0.0034	1	03/26/20 14:44	03/27/20 07:19	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/26/20 14:44	03/27/20 07:19	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/26/20 14:44	03/27/20 07:19	7440-47-3	
Lead	**1.2**	mg/L	0.025	0.025	1	03/26/20 14:44	03/27/20 07:19	7439-92-1	B
Selenium	ND	mg/L	0.040	0.027	1	03/26/20 14:44	03/27/20 07:19	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/26/20 14:44	03/27/20 07:19	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.55; Final pH: 5.38 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:09	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.55; Final pH: 5.38 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 16:43	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 16:43	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 16:43	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 16:43	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 16:43	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 16:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 16:43		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 16:43	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 16:43	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 16:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 16:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 16:43	88-06-2	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-2 **Lab ID: 30355922002** Collected: 03/19/20 13:17 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.55; Final pH: 5.38 Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	82	%.	10-140		1	03/29/20 14:06	03/30/20 16:43	4165-60-0	
2-Fluorobiphenyl (S)	83	%.	10-135		1	03/29/20 14:06	03/30/20 16:43	321-60-8	
Terphenyl-d14 (S)	85	%.	10-128		1	03/29/20 14:06	03/30/20 16:43	1718-51-0	
Phenol-d6 (S)	38	%.	10-145		1	03/29/20 14:06	03/30/20 16:43	13127-88-3	
2-Fluorophenol (S)	51	%.	10-142		1	03/29/20 14:06	03/30/20 16:43	367-12-4	
2,4,6-Tribromophenol (S)	88	%.	10-140		1	03/29/20 14:06	03/30/20 16:43	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/25/20 10:31 Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/26/20 21:25	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/26/20 21:25	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/26/20 21:25	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/26/20 21:25	108-90-7	
Chloroform	ND	ug/L	50.0	15.0	10		03/26/20 21:25	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/26/20 21:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/26/20 21:25	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/26/20 21:25	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/26/20 21:25	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/26/20 21:25	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%.	70-130		10		03/26/20 21:25	17060-07-0	
Toluene-d8 (S)	102	%.	70-130		10		03/26/20 21:25	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	70-130		10		03/26/20 21:25	460-00-4	
Dibromofluoromethane (S)	96	%.	70-130		10		03/26/20 21:25	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Greensburg								
Percent Moisture	**16.8**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 16:37		
1030 Ignitability of Solids	Analytical Method: 1030 Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 01:05		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	58.4	19.7	1	03/26/20 08:54	03/26/20 12:23		

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-2 **Lab ID: 30355922002** Collected: 03/19/20 13:17 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**7.8**	Std. Units	2.0	2.0	1		03/24/20 05:03		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**4.1**	mg/kg	1.2	0.31	1	03/24/20 13:50	03/25/20 10:09	57-12-5	

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-3 **Lab ID: 30355922003** Collected: 03/19/20 13:24 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	191	118	10	04/01/20 07:43	04/01/20 18:10	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	191	169	10	04/01/20 07:43	04/01/20 18:10	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	191	174	10	04/01/20 07:43	04/01/20 18:10	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	191	139	10	04/01/20 07:43	04/01/20 18:10	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	191	110	10	04/01/20 07:43	04/01/20 18:10	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	191	102	10	04/01/20 07:43	04/01/20 18:10	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	191	109	10	04/01/20 07:43	04/01/20 18:10	11096-82-5	ED
PCB, Total	ND	ug/kg	191	72.0	10	04/01/20 07:43	04/01/20 18:10	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	94	%.	34-114		10	04/01/20 07:43	04/01/20 18:10	877-09-8	
Decachlorobiphenyl (S)	85	%.	38-139		10	04/01/20 07:43	04/01/20 18:10	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.6; Final pH: 4.48 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/26/20 14:44	03/27/20 07:00	7440-38-2	
Barium	**0.88**	mg/L	0.050	0.0034	1	03/26/20 14:44	03/27/20 07:00	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/26/20 14:44	03/27/20 07:00	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/26/20 14:44	03/27/20 07:00	7440-47-3	
Lead	**1.1**	mg/L	0.025	0.025	1	03/26/20 14:44	03/27/20 07:00	7439-92-1	B
Selenium	ND	mg/L	0.040	0.027	1	03/26/20 14:44	03/27/20 07:00	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/26/20 14:44	03/27/20 07:00	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.6; Final pH: 4.48 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:15	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.6; Final pH: 4.48 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 17:04	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 17:04	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 17:04	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 17:04	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 17:04	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 17:04		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 17:04	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 17:04	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 17:04	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 17:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:04	88-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-3 **Lab ID: 30355922003** Collected: 03/19/20 13:24 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.6; Final pH: 4.48 Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	82	%.	10-140		1	03/29/20 14:06	03/30/20 17:04	4165-60-0	
2-Fluorobiphenyl (S)	82	%.	10-135		1	03/29/20 14:06	03/30/20 17:04	321-60-8	
Terphenyl-d14 (S)	83	%.	10-128		1	03/29/20 14:06	03/30/20 17:04	1718-51-0	
Phenol-d6 (S)	41	%.	10-145		1	03/29/20 14:06	03/30/20 17:04	13127-88-3	
2-Fluorophenol (S)	53	%.	10-142		1	03/29/20 14:06	03/30/20 17:04	367-12-4	
2,4,6-Tribromophenol (S)	85	%.	10-140		1	03/29/20 14:06	03/30/20 17:04	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/26/20 10:09 Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/30/20 19:50	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/30/20 19:50	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/30/20 19:50	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/30/20 19:50	108-90-7	
Chloroform	ND	ug/L	50.0	15.0	10		03/30/20 19:50	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/30/20 19:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/30/20 19:50	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/30/20 19:50	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/30/20 19:50	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/30/20 19:50	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	70-130		10		03/30/20 19:50	17060-07-0	
Toluene-d8 (S)	100	%.	70-130		10		03/30/20 19:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	70-130		10		03/30/20 19:50	460-00-4	
Dibromofluoromethane (S)	104	%.	70-130		10		03/30/20 19:50	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Greensburg								
Percent Moisture	**13.4**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 16:58		
1030 Ignitability of Solids	Analytical Method: 1030 Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 01:11		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	55.5	18.7	1	03/26/20 08:54	03/26/20 12:23		

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-3 **Lab ID: 30355922003** Collected: 03/19/20 13:24 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**7.9**	Std. Units	2.0	2.0	1		03/24/20 05:03		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**5.2**	mg/kg	0.92	0.24	1	03/24/20 13:50	03/25/20 10:09	57-12-5	

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-4 **Lab ID: 30355922004** Collected: 03/19/20 13:28 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	95.7	59.0	5	04/01/20 07:43	04/01/20 18:36	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	95.7	84.8	5	04/01/20 07:43	04/01/20 18:36	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	95.7	87.1	5	04/01/20 07:43	04/01/20 18:36	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	95.7	69.9	5	04/01/20 07:43	04/01/20 18:36	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	95.7	55.0	5	04/01/20 07:43	04/01/20 18:36	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	95.7	51.0	5	04/01/20 07:43	04/01/20 18:36	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	95.7	54.5	5	04/01/20 07:43	04/01/20 18:36	11096-82-5	ED
PCB, Total	ND	ug/kg	95.7	36.1	5	04/01/20 07:43	04/01/20 18:36	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	95	%.	34-114		5	04/01/20 07:43	04/01/20 18:36	877-09-8	
Decachlorobiphenyl (S)	82	%.	38-139		5	04/01/20 07:43	04/01/20 18:36	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.73; Final pH: 3.92 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/26/20 14:44	03/27/20 07:21	7440-38-2	
Barium	**0.99**	mg/L	0.050	0.0034	1	03/26/20 14:44	03/27/20 07:21	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/26/20 14:44	03/27/20 07:21	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/26/20 14:44	03/27/20 07:21	7440-47-3	
Lead	**1.1**	mg/L	0.025	0.025	1	03/26/20 14:44	03/27/20 07:21	7439-92-1	B
Selenium	ND	mg/L	0.040	0.027	1	03/26/20 14:44	03/27/20 07:21	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/26/20 14:44	03/27/20 07:21	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.73; Final pH: 3.92 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:16	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.73; Final pH: 3.91 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 17:26	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 17:26	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 17:26	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 17:26	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 17:26	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 17:26		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 17:26	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 17:26	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 17:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 17:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:26	88-06-2	

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-4 **Lab ID: 30355922004** Collected: 03/19/20 13:28 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.73; Final pH: 3.91 Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	80	%.	10-140		1	03/29/20 14:06	03/30/20 17:26	4165-60-0	
2-Fluorobiphenyl (S)	83	%.	10-135		1	03/29/20 14:06	03/30/20 17:26	321-60-8	
Terphenyl-d14 (S)	84	%.	10-128		1	03/29/20 14:06	03/30/20 17:26	1718-51-0	
Phenol-d6 (S)	35	%.	10-145		1	03/29/20 14:06	03/30/20 17:26	13127-88-3	
2-Fluorophenol (S)	48	%.	10-142		1	03/29/20 14:06	03/30/20 17:26	367-12-4	
2,4,6-Tribromophenol (S)	86	%.	10-140		1	03/29/20 14:06	03/30/20 17:26	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/26/20 10:09 Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/30/20 20:51	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/30/20 20:51	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/30/20 20:51	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/30/20 20:51	108-90-7	
Chloroform	ND	ug/L	50.0	15.0	10		03/30/20 20:51	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/30/20 20:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/30/20 20:51	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/30/20 20:51	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/30/20 20:51	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/30/20 20:51	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	70-130		10		03/30/20 20:51	17060-07-0	
Toluene-d8 (S)	99	%.	70-130		10		03/30/20 20:51	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	70-130		10		03/30/20 20:51	460-00-4	
Dibromofluoromethane (S)	100	%.	70-130		10		03/30/20 20:51	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Greensburg								
Percent Moisture	**14.4**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 17:17		
1030 Ignitability of Solids	Analytical Method: 1030 Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 01:19		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	57.9	19.5	1	03/26/20 08:54	03/26/20 12:23		

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Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: C-4 **Lab ID: 30355922004** Collected: 03/19/20 13:28 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**8.1**	Std. Units	2.0	2.0	1		03/24/20 05:04		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**5.0**	mg/kg	0.97	0.25	1	03/24/20 13:50	03/25/20 10:12	57-12-5	

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-1 **Lab ID: 30355922005** Collected: 03/19/20 13:38 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • One jar received broken, transferred to new container.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	89.6	55.3	5	04/01/20 07:43	04/01/20 19:01	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	89.6	79.4	5	04/01/20 07:43	04/01/20 19:01	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	89.6	81.6	5	04/01/20 07:43	04/01/20 19:01	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	89.6	65.5	5	04/01/20 07:43	04/01/20 19:01	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	89.6	51.5	5	04/01/20 07:43	04/01/20 19:01	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	89.6	47.8	5	04/01/20 07:43	04/01/20 19:01	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	89.6	51.0	5	04/01/20 07:43	04/01/20 19:01	11096-82-5	ED
PCB, Total	ND	ug/kg	89.6	33.8	5	04/01/20 07:43	04/01/20 19:01	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	98	%.	34-114		5	04/01/20 07:43	04/01/20 19:01	877-09-8	
Decachlorobiphenyl (S)	89	%.	38-139		5	04/01/20 07:43	04/01/20 19:01	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/30/20 09:39 Initial pH: 8.86; Final pH: 5.57 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/31/20 14:36	04/01/20 09:30	7440-38-2	
Barium	**1.0**	mg/L	0.050	0.0034	1	03/31/20 14:36	04/01/20 09:30	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/31/20 14:36	04/01/20 09:30	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/31/20 14:36	04/01/20 09:30	7440-47-3	
Lead	**0.46**	mg/L	0.025	0.025	1	03/31/20 14:36	04/01/20 09:30	7439-92-1	1c
Selenium	ND	mg/L	0.040	0.027	1	03/31/20 14:36	04/01/20 09:30	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/31/20 14:36	04/01/20 09:30	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.82; Final pH: 1.73 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:18	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.82; Final pH: 1.73 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 17:47	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 17:47	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 17:47	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 17:47	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 17:47	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 17:47		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 17:47	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 17:47	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 17:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 17:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 17:47	88-06-2	

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-1 **Lab ID: 30355922005** Collected: 03/19/20 13:38 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • One jar received broken, transferred to new container.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.82; Final pH: 1.73 Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	74	%.	10-140		1	03/29/20 14:06	03/30/20 17:47	4165-60-0	
2-Fluorobiphenyl (S)	75	%.	10-135		1	03/29/20 14:06	03/30/20 17:47	321-60-8	
Terphenyl-d14 (S)	79	%.	10-128		1	03/29/20 14:06	03/30/20 17:47	1718-51-0	
Phenol-d6 (S)	36	%.	10-145		1	03/29/20 14:06	03/30/20 17:47	13127-88-3	
2-Fluorophenol (S)	48	%.	10-142		1	03/29/20 14:06	03/30/20 17:47	367-12-4	
2,4,6-Tribromophenol (S)	79	%.	10-140		1	03/29/20 14:06	03/30/20 17:47	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/26/20 10:09 Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/30/20 21:11	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/30/20 21:11	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/30/20 21:11	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/30/20 21:11	108-90-7	
Chloroform	ND	ug/L	50.0	15.0	10		03/30/20 21:11	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/30/20 21:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/30/20 21:11	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/30/20 21:11	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/30/20 21:11	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/30/20 21:11	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%.	70-130		10		03/30/20 21:11	17060-07-0	
Toluene-d8 (S)	100	%.	70-130		10		03/30/20 21:11	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	70-130		10		03/30/20 21:11	460-00-4	
Dibromofluoromethane (S)	99	%.	70-130		10		03/30/20 21:11	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Greensburg								
Percent Moisture	**9.1**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 17:36		
1030 Ignitability of Solids	Analytical Method: 1030 Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 01:25		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	51.9	17.5	1	03/26/20 08:54	03/26/20 12:23		

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Greensburg, PA 15601
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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-1 **Lab ID: 30355922005** Collected: 03/19/20 13:38 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Comments: • One jar received broken, transferred to new container.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**8.4**	Std. Units	2.0	2.0	1		03/24/20 05:04		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**5.9**	mg/kg	1.0	0.27	1	03/24/20 13:50	03/25/20 10:12	57-12-5	

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-2 **Lab ID: 30355922006** Collected: 03/19/20 13:44 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Greensburg								
PCB-1016 (Aroclor 1016)	ND	ug/kg	99.3	61.2	5	04/01/20 07:43	04/01/20 19:35	12674-11-2	ED
PCB-1221 (Aroclor 1221)	ND	ug/kg	99.3	88.0	5	04/01/20 07:43	04/01/20 19:35	11104-28-2	ED
PCB-1232 (Aroclor 1232)	ND	ug/kg	99.3	90.4	5	04/01/20 07:43	04/01/20 19:35	11141-16-5	ED
PCB-1242 (Aroclor 1242)	ND	ug/kg	99.3	72.5	5	04/01/20 07:43	04/01/20 19:35	53469-21-9	ED
PCB-1248 (Aroclor 1248)	ND	ug/kg	99.3	57.1	5	04/01/20 07:43	04/01/20 19:35	12672-29-6	ED
PCB-1254 (Aroclor 1254)	ND	ug/kg	99.3	52.9	5	04/01/20 07:43	04/01/20 19:35	11097-69-1	ED
PCB-1260 (Aroclor 1260)	ND	ug/kg	99.3	56.5	5	04/01/20 07:43	04/01/20 19:35	11096-82-5	ED
PCB, Total	ND	ug/kg	99.3	37.5	5	04/01/20 07:43	04/01/20 19:35	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	93	%.	34-114		5	04/01/20 07:43	04/01/20 19:35	877-09-8	
Decachlorobiphenyl (S)	82	%.	38-139		5	04/01/20 07:43	04/01/20 19:35	2051-24-3	
6010C MET ICP, TCLP	Analytical Method: EPA 6010C Preparation Method: EPA 3005A Leachate Method/Date: EPA 1311; 03/30/20 09:39 Initial pH: 8.91; Final pH: 5.67 Pace Analytical Services - Greensburg								
Arsenic	ND	mg/L	0.025	0.010	1	03/31/20 14:36	04/01/20 09:49	7440-38-2	
Barium	**0.73**	mg/L	0.050	0.0034	1	03/31/20 14:36	04/01/20 09:49	7440-39-3	
Cadmium	ND	mg/L	0.015	0.0017	1	03/31/20 14:36	04/01/20 09:49	7440-43-9	
Chromium	ND	mg/L	0.025	0.0017	1	03/31/20 14:36	04/01/20 09:49	7440-47-3	
Lead	**0.47**	mg/L	0.025	0.025	1	03/31/20 14:36	04/01/20 09:49	7439-92-1	
Selenium	ND	mg/L	0.040	0.027	1	03/31/20 14:36	04/01/20 09:49	7782-49-2	
Silver	ND	mg/L	0.030	0.0072	1	03/31/20 14:36	04/01/20 09:49	7440-22-4	
7470 Mercury, TCLP	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.92; Final pH: 4.1 Pace Analytical Services - Greensburg								
Mercury	ND	ug/L	1.0	0.030	1	03/26/20 15:12	03/26/20 21:20	7439-97-6	
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.92; Final pH: 4.1 Pace Analytical Services - Greensburg								
1,4-Dichlorobenzene	ND	ug/L	100	27.7	1	03/29/20 14:06	03/30/20 18:09	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	100	35.8	1	03/29/20 14:06	03/30/20 18:09	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	100	33.0	1	03/29/20 14:06	03/30/20 18:09	87-68-3	
Hexachlorobenzene	ND	ug/L	100	30.5	1	03/29/20 14:06	03/30/20 18:09	118-74-1	
Hexachloroethane	ND	ug/L	100	30.3	1	03/29/20 14:06	03/30/20 18:09	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 18:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	200	190	1	03/29/20 14:06	03/30/20 18:09		
Nitrobenzene	ND	ug/L	100	37.5	1	03/29/20 14:06	03/30/20 18:09	98-95-3	
Pentachlorophenol	ND	ug/L	250	105	1	03/29/20 14:06	03/30/20 18:09	87-86-5	
Pyridine	ND	ug/L	100	29.9	1	03/29/20 14:06	03/30/20 18:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	250	66.9	1	03/29/20 14:06	03/30/20 18:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	100	36.7	1	03/29/20 14:06	03/30/20 18:09	88-06-2	

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ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-2 **Lab ID: 30355922006** Collected: 03/19/20 13:44 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV TCLP Sep Funnel	Analytical Method: EPA 8270D Preparation Method: EPA 3510C Leachate Method/Date: EPA 1311; 03/25/20 10:30 Initial pH: 8.92; Final pH: 4.1 Pace Analytical Services - Greensburg								
Surrogates									
Nitrobenzene-d5 (S)	80	%.	10-140		1	03/29/20 14:06	03/30/20 18:09	4165-60-0	
2-Fluorobiphenyl (S)	82	%.	10-135		1	03/29/20 14:06	03/30/20 18:09	321-60-8	
Terphenyl-d14 (S)	83	%.	10-128		1	03/29/20 14:06	03/30/20 18:09	1718-51-0	
Phenol-d6 (S)	36	%.	10-145		1	03/29/20 14:06	03/30/20 18:09	13127-88-3	
2-Fluorophenol (S)	49	%.	10-142		1	03/29/20 14:06	03/30/20 18:09	367-12-4	
2,4,6-Tribromophenol (S)	85	%.	10-140		1	03/29/20 14:06	03/30/20 18:09	118-79-6	
8260C MSV TCLP	Analytical Method: EPA 8260C Leachate Method/Date: EPA 1311; 03/26/20 10:09 Pace Analytical Services - Greensburg								
Benzene	ND	ug/L	50.0	8.7	10		03/30/20 21:31	71-43-2	
2-Butanone (MEK)	ND	ug/L	100	9.1	10		03/30/20 21:31	78-93-3	
Carbon tetrachloride	ND	ug/L	50.0	17.2	10		03/30/20 21:31	56-23-5	
Chlorobenzene	ND	ug/L	50.0	7.8	10		03/30/20 21:31	108-90-7	
Chloroform	ND	ug/L	50.0	15.0	10		03/30/20 21:31	67-66-3	
1,2-Dichloroethane	ND	ug/L	50.0	12.9	10		03/30/20 21:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	50.0	18.6	10		03/30/20 21:31	75-35-4	
Tetrachloroethene	ND	ug/L	50.0	17.3	10		03/30/20 21:31	127-18-4	
Trichloroethene	ND	ug/L	50.0	14.7	10		03/30/20 21:31	79-01-6	
Vinyl chloride	ND	ug/L	50.0	21.5	10		03/30/20 21:31	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%.	70-130		10		03/30/20 21:31	17060-07-0	
Toluene-d8 (S)	99	%.	70-130		10		03/30/20 21:31	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	70-130		10		03/30/20 21:31	460-00-4	
Dibromofluoromethane (S)	101	%.	70-130		10		03/30/20 21:31	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Greensburg								
Percent Moisture	**15.9**	%	0.10	0.10	1		03/25/20 14:13		
1010 Flashpoint,Closed Cup	Analytical Method: EPA 1010 Pace Analytical Services - Greensburg								
Flashpoint	**>200**	deg F	60.0		1		03/25/20 16:37		
1030 Ignitability of Solids	Analytical Method: 1030 Pace Analytical Services - Long Island								
Ignitability	**<2.2 mm/sec**	mm/sec			1		03/26/20 01:38		3c
9034 Sulfide	Analytical Method: EPA 9034 Preparation Method: EPA 9030B Pace Analytical Services - Long Island								
Sulfide	ND	mg/kg	56.1	18.9	1	03/26/20 08:54	03/26/20 12:23		

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(724)850-5600

ANALYTICAL RESULTS

Project: Green Island RCRA
Pace Project No.: 30355922

Sample: A-2 **Lab ID: 30355922006** Collected: 03/19/20 13:44 Received: 03/21/20 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9045D pH Soil	Analytical Method: EPA 9045D Pace Analytical Services - Greensburg								
pH in water at 25 degrees C	**8.1**	Std. Units	2.0	2.0	1		03/24/20 05:05		H3
9014 Cyanide, Total	Analytical Method: EPA 9014 Total CN Preparation Method: EPA 9010C Pace Analytical Services - Greensburg								
Cyanide	**4.2**	mg/kg	1.1	0.29	1	03/24/20 13:50	03/25/20 10:13	57-12-5	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389972
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1888672 Matrix: Water
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	1.0	0.030	03/26/20 20:54	

METHOD BLANK: 1887228 Matrix: Water
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	1.0	0.030	03/26/20 20:57	

LABORATORY CONTROL SAMPLE: 1888673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	1	1.1	110	80-120	

MATRIX SPIKE SAMPLE: 1888675

Parameter	Units	30355842001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.7	109	75-125	

SAMPLE DUPLICATE: 1888674

Parameter	Units	30355842001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389966 | Analysis Method: EPA 6010C
QC Batch Method: EPA 3005A | Analysis Description: 6010C MET TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922002, 30355922003, 30355922004

METHOD BLANK: 1888643 Matrix: Water
Associated Lab Samples: 30355922002, 30355922003, 30355922004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	0.010	03/27/20 06:53	
Barium	mg/L	ND	0.050	0.0034	03/27/20 06:53	
Cadmium	mg/L	ND	0.015	0.0017	03/27/20 06:53	
Chromium	mg/L	ND	0.025	0.0017	03/27/20 06:53	
Lead	mg/L	ND	0.025	0.025	03/27/20 06:53	
Selenium	mg/L	ND	0.040	0.027	03/27/20 06:53	
Silver	mg/L	ND	0.030	0.0072	03/27/20 06:53	

METHOD BLANK: 1887228 Matrix: Water
Associated Lab Samples: 30355922002, 30355922003, 30355922004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	0.010	03/27/20 06:57	
Barium	mg/L	ND	0.050	0.0034	03/27/20 06:57	
Cadmium	mg/L	ND	0.015	0.0017	03/27/20 06:57	
Chromium	mg/L	ND	0.025	0.0017	03/27/20 06:57	
Lead	mg/L	0.10	0.025	0.025	03/27/20 06:57	B
Selenium	mg/L	ND	0.040	0.027	03/27/20 06:57	
Silver	mg/L	ND	0.030	0.0072	03/27/20 06:57	

LABORATORY CONTROL SAMPLE: 1888644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.5	0.52	105	80-120	
Barium	mg/L	0.5	0.50	99	80-120	
Cadmium	mg/L	0.5	0.54	107	80-120	
Chromium	mg/L	0.5	0.53	107	80-120	
Lead	mg/L	0.5	0.52	104	80-120	
Selenium	mg/L	0.5	0.53	106	80-120	
Silver	mg/L	0.25	0.23	92	80-120	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1888646 1888647

Parameter	Units	30355922003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	0.5	0.5	0.55	0.54	109	107	75-125	2	20	
Barium	mg/L	0.88	0.5	0.5	1.4	1.4	103	97	75-125	2	20	
Cadmium	mg/L	ND	0.5	0.5	0.55	0.54	108	106	75-125	1	20	
Chromium	mg/L	ND	0.5	0.5	0.50	0.48	99	95	75-125	4	20	
Lead	mg/L	1.1	0.5	0.5	1.6	1.6	103	99	75-125	1	20	
Selenium	mg/L	ND	0.5	0.5	0.55	0.55	110	109	75-125	1	20	
Silver	mg/L	ND	0.25	0.25	0.24	0.24	98	96	75-125	2	20	

SAMPLE DUPLICATE: 1888645

Parameter	Units	30355922003 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/L	ND	ND		20	
Barium	mg/L	0.88	0.90	2	20	
Cadmium	mg/L	ND	.014J		20	
Chromium	mg/L	ND	.0038J		20	
Lead	mg/L	1.1	1.1	1	20	
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 390528
QC Batch Method: EPA 3005A
Analysis Method: EPA 6010C
Analysis Description: 6010C MET TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922005, 30355922006

METHOD BLANK: 1891209 Matrix: Water
Associated Lab Samples: 30355922001, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	0.010	04/01/20 09:23	
Barium	mg/L	ND	0.050	0.0034	04/01/20 09:23	
Cadmium	mg/L	ND	0.015	0.0017	04/01/20 09:23	
Chromium	mg/L	ND	0.025	0.0017	04/01/20 09:23	
Lead	mg/L	ND	0.025	0.025	04/01/20 09:23	
Selenium	mg/L	ND	0.040	0.027	04/01/20 09:23	
Silver	mg/L	ND	0.030	0.0072	04/01/20 09:23	

METHOD BLANK: 1890259 Matrix: Water
Associated Lab Samples: 30355922001, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	0.010	04/01/20 09:28	
Barium	mg/L	ND	0.050	0.0034	04/01/20 09:28	
Cadmium	mg/L	ND	0.015	0.0017	04/01/20 09:28	
Chromium	mg/L	ND	0.025	0.0017	04/01/20 09:28	
Lead	mg/L	ND	0.025	0.025	04/01/20 09:28	
Selenium	mg/L	ND	0.040	0.027	04/01/20 09:28	
Silver	mg/L	ND	0.030	0.0072	04/01/20 09:28	

LABORATORY CONTROL SAMPLE: 1891210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.5	0.52	104	80-120	
Barium	mg/L	0.5	0.52	104	80-120	
Cadmium	mg/L	0.5	0.53	105	80-120	
Chromium	mg/L	0.5	0.54	107	80-120	
Lead	mg/L	0.5	0.52	104	80-120	
Selenium	mg/L	0.5	0.52	104	80-120	
Silver	mg/L	0.25	0.26	105	80-120	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1891212 1891213

Parameter	Units	30355922005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	0.5	0.5	0.52	0.50	103	100	75-125	2	20	
Barium	mg/L	1.0	0.5	0.5	1.6	1.5	109	101	75-125	2	20	
Cadmium	mg/L	ND	0.5	0.5	0.52	0.51	102	100	75-125	1	20	
Chromium	mg/L	ND	0.5	0.5	0.49	0.48	97	95	75-125	2	20	
Lead	mg/L	0.46	0.5	0.5	0.97	0.96	102	99	75-125	1	20	
Selenium	mg/L	ND	0.5	0.5	0.51	0.51	102	101	75-125	1	20	
Silver	mg/L	ND	0.25	0.25	0.26	0.26	104	103	75-125	1	20	

SAMPLE DUPLICATE: 1891211

Parameter	Units	30355922005 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/L	ND	ND		20	
Barium	mg/L	1.0	1.0	2	20	
Cadmium	mg/L	ND	.0064J		20	
Chromium	mg/L	ND	.0044J		20	
Lead	mg/L	0.46	0.48	4	20	
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389915
QC Batch Method: EPA 8260C
Analysis Method: EPA 8260C
Analysis Description: 8260C MSV TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002

METHOD BLANK: 1887225 Matrix: Solid
Associated Lab Samples: 30355922001, 30355922002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	18.6	03/26/20 15:14	
1,2-Dichloroethane	ug/L	ND	50.0	12.9	03/26/20 15:14	
2-Butanone (MEK)	ug/L	ND	100	9.1	03/26/20 15:14	
Benzene	ug/L	ND	50.0	8.7	03/26/20 15:14	
Carbon tetrachloride	ug/L	ND	50.0	17.2	03/26/20 15:14	
Chlorobenzene	ug/L	ND	50.0	7.8	03/26/20 15:14	
Chloroform	ug/L	ND	50.0	15.0	03/26/20 15:14	
Tetrachloroethene	ug/L	ND	50.0	17.3	03/26/20 15:14	
Trichloroethene	ug/L	ND	50.0	14.7	03/26/20 15:14	
Vinyl chloride	ug/L	ND	50.0	21.5	03/26/20 15:14	
1,2-Dichloroethane-d4 (S)	%.	83	70-130		03/26/20 15:14	
4-Bromofluorobenzene (S)	%.	95	70-130		03/26/20 15:14	
Dibromofluoromethane (S)	%.	91	70-130		03/26/20 15:14	
Toluene-d8 (S)	%.	100	70-130		03/26/20 15:14	

LABORATORY CONTROL SAMPLE: 1888397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	15.0	75	49-111	
1,2-Dichloroethane	ug/L	20	15.7	79	62-112	
2-Butanone (MEK)	ug/L	20	16.9	84	52-111	
Benzene	ug/L	20	20.1	101	51-123	
Carbon tetrachloride	ug/L	20	16.4	82	53-115	
Chlorobenzene	ug/L	20	20.5	103	63-119	
Chloroform	ug/L	20	16.7	84	57-115	
Tetrachloroethene	ug/L	20	20.0	100	57-124	
Trichloroethene	ug/L	20	20.2	101	61-115	
Vinyl chloride	ug/L	20	20.3	102	61-120	
1,2-Dichloroethane-d4 (S)	%.			85	70-130	
4-Bromofluorobenzene (S)	%.			98	70-130	
Dibromofluoromethane (S)	%.			91	70-130	
Toluene-d8 (S)	%.			103	70-130	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1888395 1888396

Parameter	Units	30355922001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	200	200	124	95.9	62	48	10-112	25	30	
1,2-Dichloroethane	ug/L	ND	200	200	147	104	73	52	32-111	34	30	R1
2-Butanone (MEK)	ug/L	ND	200	200	147	117	74	58	10-153	23	30	
Benzene	ug/L	ND	200	200	190	138	95	69	29-120	31	30	R1
Carbon tetrachloride	ug/L	ND	200	200	146	115	73	58	27-118	24	30	
Chlorobenzene	ug/L	ND	200	200	215	156	108	78	10-139	32	30	R1
Chloroform	ug/L	ND	200	200	166	121	83	60	31-118	32	30	R1
Tetrachloroethene	ug/L	ND	200	200	201	149	101	74	10-144	30	30	
Trichloroethene	ug/L	ND	200	200	192	147	96	74	10-170	26	30	
Vinyl chloride	ug/L	ND	200	200	80.1	61.2	40	31	10-175	27	30	
1,2-Dichloroethane-d4 (S)	%.						82	78	70-130			
4-Bromofluorobenzene (S)	%.						97	96	70-130			
Dibromofluoromethane (S)	%.						90	90	70-130			
Toluene-d8 (S)	%.						105	103	70-130			

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(724)850-5600

QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 390114 | Analysis Method: EPA 8260C
QC Batch Method: EPA 8260C | Analysis Description: 8260C MSV TCLP
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1888218 Matrix: Solid
Associated Lab Samples: 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	50.0	18.6	03/27/20 16:19	
1,2-Dichloroethane	ug/L	ND	50.0	12.9	03/27/20 16:19	
2-Butanone (MEK)	ug/L	ND	100	9.1	03/27/20 16:19	
Benzene	ug/L	ND	50.0	8.7	03/27/20 16:19	
Carbon tetrachloride	ug/L	ND	50.0	17.2	03/27/20 16:19	
Chlorobenzene	ug/L	ND	50.0	7.8	03/27/20 16:19	
Chloroform	ug/L	ND	50.0	15.0	03/27/20 16:19	
Tetrachloroethene	ug/L	ND	50.0	17.3	03/27/20 16:19	
Trichloroethene	ug/L	ND	50.0	14.7	03/27/20 16:19	
Vinyl chloride	ug/L	ND	50.0	21.5	03/27/20 16:19	
1,2-Dichloroethane-d4 (S)	%.	88	70-130		03/27/20 16:19	
4-Bromofluorobenzene (S)	%.	94	70-130		03/27/20 16:19	
Dibromofluoromethane (S)	%.	92	70-130		03/27/20 16:19	
Toluene-d8 (S)	%.	101	70-130		03/27/20 16:19	

LABORATORY CONTROL SAMPLE: 1889341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	15.6	78	49-111	
1,2-Dichloroethane	ug/L	20	19.3	96	62-112	
2-Butanone (MEK)	ug/L	20	18.0	90	52-111	
Benzene	ug/L	20	19.2	96	51-123	
Carbon tetrachloride	ug/L	20	17.2	86	53-115	
Chlorobenzene	ug/L	20	18.7	93	63-119	
Chloroform	ug/L	20	18.0	90	57-115	
Tetrachloroethene	ug/L	20	18.4	92	57-124	
Trichloroethene	ug/L	20	18.3	92	61-115	
Vinyl chloride	ug/L	20	19.4	97	61-120	
1,2-Dichloroethane-d4 (S)	%.			101	70-130	
4-Bromofluorobenzene (S)	%.			99	70-130	
Dibromofluoromethane (S)	%.			99	70-130	
Toluene-d8 (S)	%.			99	70-130	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1889339 1889340

Parameter	Units	30355922003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	200	200	104	98.1	52	49	10-112	5	30	
1,2-Dichloroethane	ug/L	ND	200	200	141	143	71	71	32-111	1	30	
2-Butanone (MEK)	ug/L	ND	200	200	151	140	76	70	10-153	8	30	
Benzene	ug/L	ND	200	200	143	144	69	69	29-120	1	30	
Carbon tetrachloride	ug/L	ND	200	200	122	130	61	65	27-118	6	30	
Chlorobenzene	ug/L	ND	200	200	135	139	67	70	10-139	3	30	
Chloroform	ug/L	ND	200	200	128	135	64	67	31-118	5	30	
Tetrachloroethene	ug/L	ND	200	200	128	133	64	67	10-144	4	30	
Trichloroethene	ug/L	ND	200	200	133	138	67	69	10-170	3	30	
Vinyl chloride	ug/L	ND	200	200	57.0	60.6	29	30	10-175	6	30	
1,2-Dichloroethane-d4 (S)	%.						101	102	70-130			
4-Bromofluorobenzene (S)	%.						99	100	70-130			
Dibromofluoromethane (S)	%.						101	103	70-130			
Toluene-d8 (S)	%.						97	101	70-130			

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 390529 | Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 | Analysis Description: 8082A GCS PCB
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1891215 Matrix: Solid
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	16.5	10.2	04/01/20 15:11	
PCB-1221 (Aroclor 1221)	ug/kg	ND	16.5	14.6	04/01/20 15:11	
PCB-1232 (Aroclor 1232)	ug/kg	ND	16.5	15.0	04/01/20 15:11	
PCB-1242 (Aroclor 1242)	ug/kg	ND	16.5	12.0	04/01/20 15:11	
PCB-1248 (Aroclor 1248)	ug/kg	ND	16.5	9.5	04/01/20 15:11	
PCB-1254 (Aroclor 1254)	ug/kg	ND	16.5	8.8	04/01/20 15:11	
PCB-1260 (Aroclor 1260)	ug/kg	ND	16.5	9.4	04/01/20 15:11	
Decachlorobiphenyl (S)	%.	76	38-139		04/01/20 15:11	
Tetrachloro-m-xylene (S)	%.	76	34-114		04/01/20 15:11	

LABORATORY CONTROL SAMPLE: 1891216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	163	147	90	61-105	
PCB-1260 (Aroclor 1260)	ug/kg	163	130	79	70-100	
Decachlorobiphenyl (S)	%.			78	38-139	
Tetrachloro-m-xylene (S)	%.			76	34-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1891217 1891218

Parameter	Units	30356469001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	184	183	153	159	83	87	24-137	4	25	ED
PCB-1260 (Aroclor 1260)	ug/kg	ND	184	183	141	153	77	84	19-156	8	25	ED
Decachlorobiphenyl (S)	%.						73	79	38-139			
Tetrachloro-m-xylene (S)	%.						81	88	34-114			

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 390197
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270D
Analysis Description: 8270D TCLP MSSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1888338 Matrix: Water
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	100	27.7	03/30/20 12:02	
2,4,5-Trichlorophenol	ug/L	ND	250	66.9	03/30/20 12:02	
2,4,6-Trichlorophenol	ug/L	ND	100	36.7	03/30/20 12:02	
2,4-Dinitrotoluene	ug/L	ND	100	35.8	03/30/20 12:02	
2-Methylphenol(o-Cresol)	ug/L	ND	100	36.7	03/30/20 12:02	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	200	190	03/30/20 12:02	
Hexachloro-1,3-butadiene	ug/L	ND	100	33.0	03/30/20 12:02	
Hexachlorobenzene	ug/L	ND	100	30.5	03/30/20 12:02	
Hexachloroethane	ug/L	ND	100	30.3	03/30/20 12:02	
Nitrobenzene	ug/L	ND	100	37.5	03/30/20 12:02	
Pentachlorophenol	ug/L	ND	250	105	03/30/20 12:02	
Pyridine	ug/L	ND	100	29.9	03/30/20 12:02	
2,4,6-Tribromophenol (S)	%.	81	10-140		03/30/20 12:02	
2-Fluorobiphenyl (S)	%.	76	10-135		03/30/20 12:02	
2-Fluorophenol (S)	%.	48	10-142		03/30/20 12:02	
Nitrobenzene-d5 (S)	%.	78	10-140		03/30/20 12:02	
Phenol-d6 (S)	%.	36	10-145		03/30/20 12:02	
Terphenyl-d14 (S)	%.	82	10-128		03/30/20 12:02	

LABORATORY CONTROL SAMPLE: 1889673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	259	52	15-105	
2,4,5-Trichlorophenol	ug/L	500	397	79	57-113	
2,4,6-Trichlorophenol	ug/L	500	374	75	45-122	
2,4-Dinitrotoluene	ug/L	500	387	77	40-119	
2-Methylphenol(o-Cresol)	ug/L	500	336	67	10-175	
3&4-Methylphenol(m&p Cresol)	ug/L	1000	660	66	21-131	
Hexachloro-1,3-butadiene	ug/L	500	306	61	13-112	
Hexachlorobenzene	ug/L	500	320	64	17-121	
Hexachloroethane	ug/L	500	283	57	13-108	
Nitrobenzene	ug/L	500	348	70	26-128	
Pentachlorophenol	ug/L	500	367	73	37-125	
Pyridine	ug/L	500	96.1J	19	10-113	
2,4,6-Tribromophenol (S)	%.			83	10-140	
2-Fluorobiphenyl (S)	%.			73	10-135	
2-Fluorophenol (S)	%.			46	10-142	
Nitrobenzene-d5 (S)	%.			71	10-140	
Phenol-d6 (S)	%.			36	10-145	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

LABORATORY CONTROL SAMPLE: 1889673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Terphenyl-d14 (S)	%.			80	10-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1889674 1889676

Parameter	Units	30355922001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	285	292	57	58	10-92	2	25	
2,4,5-Trichlorophenol	ug/L	ND	500	500	410	441	82	88	32-129	7	25	
2,4,6-Trichlorophenol	ug/L	ND	500	500	388	418	78	84	25-130	7	25	
2,4-Dinitrotoluene	ug/L	ND	500	500	371	391	74	78	37-123	5	25	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	342	354	68	71	10-120	3	25	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	1000	1000	665	698	67	70	10-132	5	25	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	336	336	67	67	10-99	0	25	
Hexachlorobenzene	ug/L	ND	500	500	325	346	65	69	34-114	6	25	
Hexachloroethane	ug/L	ND	500	500	313	314	63	63	10-128	0	25	
Nitrobenzene	ug/L	ND	500	500	376	395	75	79	11-114	5	25	
Pentachlorophenol	ug/L	ND	500	500	370	410	74	82	10-175	10	25	
Pyridine	ug/L	ND	500	500	232	207	46	41	10-97	11	25	
2,4,6-Tribromophenol (S)	%.						79	85	10-140			
2-Fluorobiphenyl (S)	%.						75	79	10-135			
2-Fluorophenol (S)	%.						47	48	10-142			
Nitrobenzene-d5 (S)	%.						75	78	10-140			
Phenol-d6 (S)	%.						34	36	10-145			
Terphenyl-d14 (S)	%.						79	82	10-128			

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389667
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

SAMPLE DUPLICATE: 1887233

Parameter	Units	30354994001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	40.7	31.4	26	20	D6

SAMPLE DUPLICATE: 1887234

Parameter	Units	30354994002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.1	15.4	16	20	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389745 | Analysis Method: EPA 1010
QC Batch Method: EPA 1010 | Analysis Description: 1010 Flash Point, Closed Cup
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1887500 Matrix: Water
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Flashpoint	deg F	>200	60.0		03/25/20 16:17	

SAMPLE DUPLICATE: 1887501

Parameter	Units	30356034001 Result	Dup Result	RPD	Max RPD	Qualifiers
Flashpoint	deg F	>200	>200			

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 154922 | Analysis Method: EPA 9034
QC Batch Method: EPA 9030B | Analysis Description: 9034 Sulfide Solid
Laboratory: Pace Analytical Services - Long Island
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 745970 Matrix: Solid
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/kg	ND	49.0	16.5	03/26/20 12:23	

LABORATORY CONTROL SAMPLE: 745971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/kg	2670	2440	91	80-120	

SAMPLE DUPLICATE: 745972

Parameter	Units	30355922001 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/kg	ND	ND		20	

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389428
QC Batch Method: EPA 9045D
Analysis Method: EPA 9045D
Analysis Description: 9045D pH
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

SAMPLE DUPLICATE: 1886313

Parameter	Units	30355922001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH in water at 25 degrees C	Std. Units	7.9	7.9	0	10	H3

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QUALITY CONTROL DATA

Project: Green Island RCRA
Pace Project No.: 30355922

QC Batch: 389524 | Analysis Method: EPA 9014 Total CN
QC Batch Method: EPA 9010C | Analysis Description: 9014 Total Cyanide
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

METHOD BLANK: 1886703 Matrix: Solid
Associated Lab Samples: 30355922001, 30355922002, 30355922003, 30355922004, 30355922005, 30355922006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/kg	ND	1.0	0.26	03/25/20 09:57	

LABORATORY CONTROL SAMPLE: 1886704

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/kg	6	6.3	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1886705 1886706

Parameter	Units	30355888001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/kg	3.3	4	3.7	34.2	6.2	793	79	90-110	139	20	MH, ML, R1

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QUALIFIERS

Project: Green Island RCRA
Pace Project No.: 30355922

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1c	The precision between the sample and serial dilution exceeded laboratory control limits.
2c	The PDS recovery was outside of the laboratory control limits. Result may be biased high
3c	Waste was found to be nonflammable under conditions of the test.
B	Analyte was detected in the associated method blank.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
ED	Due to the extract's physical characteristics, the analysis was performed at dilution.
H3	Sample was received or analysis requested beyond the recognized method holding time.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
R1	RPD value was outside control limits.

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Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Green Island RCRA
Pace Project No.: 30355922

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30355922001	**C-1**	EPA 3546	390529	EPA 8082A	390674
30355922002	**C-2**	EPA 3546	390529	EPA 8082A	390674
30355922003	**C-3**	EPA 3546	390529	EPA 8082A	390674
30355922004	**C-4**	EPA 3546	390529	EPA 8082A	390674
30355922005	**A-1**	EPA 3546	390529	EPA 8082A	390674
30355922006	**A-2**	EPA 3546	390529	EPA 8082A	390674
30355922001	**C-1**	EPA 3005A	390528	EPA 6010C	390577
30355922002	**C-2**	EPA 3005A	389966	EPA 6010C	390038
30355922003	**C-3**	EPA 3005A	389966	EPA 6010C	390038
30355922004	**C-4**	EPA 3005A	389966	EPA 6010C	390038
30355922005	**A-1**	EPA 3005A	390528	EPA 6010C	390577
30355922006	**A-2**	EPA 3005A	390528	EPA 6010C	390577
30355922001	**C-1**	EPA 7470A	389972	EPA 7470A	390024
30355922002	**C-2**	EPA 7470A	389972	EPA 7470A	390024
30355922003	**C-3**	EPA 7470A	389972	EPA 7470A	390024
30355922004	**C-4**	EPA 7470A	389972	EPA 7470A	390024
30355922005	**A-1**	EPA 7470A	389972	EPA 7470A	390024
30355922006	**A-2**	EPA 7470A	389972	EPA 7470A	390024
30355922001	**C-1**	EPA 3510C	390197	EPA 8270D	390233
30355922002	**C-2**	EPA 3510C	390197	EPA 8270D	390233
30355922003	**C-3**	EPA 3510C	390197	EPA 8270D	390233
30355922004	**C-4**	EPA 3510C	390197	EPA 8270D	390233
30355922005	**A-1**	EPA 3510C	390197	EPA 8270D	390233
30355922006	**A-2**	EPA 3510C	390197	EPA 8270D	390233
30355922001	**C-1**	EPA 8260C	389915		
30355922002	**C-2**	EPA 8260C	389915		
30355922003	**C-3**	EPA 8260C	390114		
30355922004	**C-4**	EPA 8260C	390114		
30355922005	**A-1**	EPA 8260C	390114		
30355922006	**A-2**	EPA 8260C	390114		
30355922001	**C-1**	ASTM D2974-87	389667		
30355922002	**C-2**	ASTM D2974-87	389667		
30355922003	**C-3**	ASTM D2974-87	389667		
30355922004	**C-4**	ASTM D2974-87	389667		
30355922005	**A-1**	ASTM D2974-87	389667		
30355922006	**A-2**	ASTM D2974-87	389667		
30355922001	**C-1**	EPA 1010	389745		
30355922002	**C-2**	EPA 1010	389745		
30355922003	**C-3**	EPA 1010	389745		
30355922004	**C-4**	EPA 1010	389745		
30355922005	**A-1**	EPA 1010	389745		
30355922006	**A-2**	EPA 1010	389745		
30355922001	**C-1**	1030	154906		
30355922002	**C-2**	1030	154906		

REPORT OF LABORATORY ANALYSIS

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1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Green Island RCRA
Pace Project No.: 30355922

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30355922003	**C-3**	1030	154906		
30355922004	**C-4**	1030	154906		
30355922005	**A-1**	1030	154906		
30355922006	**A-2**	1030	154906		
30355922001	**C-1**	EPA 9030B	154922	EPA 9034	154947
30355922002	**C-2**	EPA 9030B	154922	EPA 9034	154947
30355922003	**C-3**	EPA 9030B	154922	EPA 9034	154947
30355922004	**C-4**	EPA 9030B	154922	EPA 9034	154947
30355922005	**A-1**	EPA 9030B	154922	EPA 9034	154947
30355922006	**A-2**	EPA 9030B	154922	EPA 9034	154947
30355922001	**C-1**	EPA 9045D	389428		
30355922002	**C-2**	EPA 9045D	389428		
30355922003	**C-3**	EPA 9045D	389428		
30355922004	**C-4**	EPA 9045D	389428		
30355922005	**A-1**	EPA 9045D	389428		
30355922006	**A-2**	EPA 9045D	389428		
30355922001	**C-1**	EPA 9010C	389524	EPA 9014 Total CN	389552
30355922002	**C-2**	EPA 9010C	389524	EPA 9014 Total CN	389552
30355922003	**C-3**	EPA 9010C	389524	EPA 9014 Total CN	389552
30355922004	**C-4**	EPA 9010C	389524	EPA 9014 Total CN	389552
30355922005	**A-1**	EPA 9010C	389524	EPA 9014 Total CN	389552
30355922006	**A-2**	EPA 9010C	389524	EPA 9014 Total CN	389552

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

To Pittsburgh

Page: 1 of 1

1819645

Section A Required Client Information:

Company: Enviroscience Engineering
Address: 349 Northern Blvd Albany, NY 12204
Email To: rfarnum@enviroscienceng.com
Phone: 518-453-2003 Fax:
Requested Due Date/TAT: 5day TAT

Section B Required Project Information:

Report To: rfarnum@enviroscienceng.com
Copy To:
Purchase Order No.:
Project Name: Green Island RCRA
Project Number:

Section C Invoice Information:

Attention: Adam Schultz
Company Name: Couch White
Address: PO Box 22222 Albany, NY
Pace Quote Reference:
Pace Project Manager: Samantha Baigura
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: PCBs 8082	TCLP metals	TCLP SVOCs	TCLP VOCs	1010 flashpoint closed cup	1030 ignitability solids	9034 sulfide	9045 pH	9014 cyanide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	C-1	SL	C	3/19/20	1:14PM				2	X								X	X	X	X	X	X	X	X	X		001
2	C-2		C	3/19/20	1:17PM				2	X								X	X	X	X	X	X	X	X	X		002
3	C-3		C	3/19/20	1:24PM				2	X								X	X	X	X	X	X	X	X	X		003
4	C-4		C	3/19/20	1:28PM				2	X								X	X	X	X	X	X	X	X	X		004
5	A-1		C	3/19/20	1:38PM				2	X								X	X	X	X	X	X	X	X	X		005
6	A-2		C	3/19/20	1:44PM				2	X								X	X	X	X	X	X	X	X	X		006
7																													
8																													
9																													
10																													
11																													
12																													

WO# : 30355922

30355922

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	DRunnalls	3/20/20		Pace	3-20-20	1255				
	Pace	3-20-20	16:00	FEDEX Nicole Remo / PACE	3/21/2020	1015	4.8	Y	Y	N

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pittsburgh Lab Sample Condition Upon Receipt

Pace Analytical

Client Name: Envirospec Project # #30355922

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label NMR
LIMS Login NMR

Tracking #: 122483315646

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Thermometer Used 11 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 5.2 °C Correction Factor: -0.4 °C Final Temp: 4.8 °C

Temp should be above freezing to 6°C

pH paper Lot# NA

Date and Initials of person examining contents: NMR 3/20/2020 nmr 3/24/2020

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID Matrix: SL	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:	✓			8.
Sufficient Volume:	✓			9.
Correct Containers Used: -Pace Containers Used:	✓ ✓			10.
Containers Intact:		✓		11. See comments
Orthophosphate field filtered			✓	12.
Hex Cr Aqueous sample field filtered			✓	13.
Organic Samples checked for dechlorination:			✓	14.
Filtered volume received for Dissolved tests			✓	15.
All containers have been checked for preservation. exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, Non-aqueous matrix			✓	16.
All containers meet method preservation requirements.	✓			Initial when completed NMR Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):			✓	17.
Trip Blank Present:		✓		18.
Trip Blank Custody Seals Present			✓	
Rad Samples Screened < 0.5 mrem/hr			✓	Initial when completed: Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution:

- Received one broken AG1U container with sample ID of A-1 (collected on 3/19/2020 at 1338)
  ~ Solid sample transferred to a BG1U

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Chain of Custody

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☐ Samples were sent directly to the Subcontracting Laboratory.

State Of Origin: NY
Cert. Needed: ☑ Yes ☐ No
Owner Received Date: 3/21/2020 **Results Requested By:** 3/30/2020

Workorder: 30355922 **Workorder Name:** Green Island RCRA

Report To	Subcontract To
Samantha Bayura Pace Analytical Pittsburgh 1638 Roseytown Road Suites 2,3,4 Greensburg, PA 15601 Phone (724)850-5622	Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747 Phone (631)694-3040

WO# : 70126223
70126223

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	Requested Analysis: 1030 Ignitability, 9034 Sulfide	LAB USE ONLY
1	C-1	PS	3/19/2020 13:14	30355922001	Solid	1	X	
2	C-2	PS	3/19/2020 13:17	30355922002	Solid	1	X	
3	C-3	PS	3/19/2020 13:24	30355922003	Solid	1	X	
4	C-4	PS	3/19/2020 13:28	30355922004	Solid	1	X	
5	A-1	PS	3/19/2020 13:38	30355922005	Solid	1	X	
6	A-2	PS	3/19/2020 13:44	30355922006	Solid	1	X	

Transfers	Released By	Date/Time	Received By	Date/Time
1	[signature]	3-24-20 16:[illegible]	[signature] PACE II	3/25/20 9:30
2				
3				

Comments

Cooler Temperature on Receipt 3.8 °C | **Custody Seal** Y or (N) | **Received on Ice** (Y) or N | **Samples Intact** (Y) or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.*

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

To Pittsburgh

Page: 1 of 1

1819645

Section A Required Client Information:

Company: Envirospace Engineering
Address: 349 Northern Blvd Albany, NY 12204
Email To: rfarnum@envirospaceng.com
Phone: 518-453-2203 Fax:
Requested Due Date/TAT: 5day TAT

Section B Required Project Information:

Report To: rfarnum@envirospaceng.com
Copy To:
Purchase Order No.:
Project Name: Green Island RCRA
Project Number:

Section C Invoice Information:

Attention: Adam Schultz
Company Name: Couch White
Address: PO Box 22222 Albany, NY
Pace Quote Reference:
Pace Project Manager: Samantha Baigueva
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	PCBs 8082	TCLP metals	TCLP SVOCs	TCLP VOCs	1010 Flashpoint ignitability solids	1030 ignitability liquids	9034 sulfide	9045 pH	9014 cyanide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	C-1	SL	C	3/19/20	1:14PM				2	X									X	X	X	X	X	X	X	X			001
2	C-2		C	3/19/20	1:17PM				2	X									X	X	X	X	X	X	X	X			002
3	C-3		C	3/19/20	1:24PM				2	X									X	X	X	X	X	X	X	X			003
4	C-4		C	3/19/20	1:28PM				2	X									X	X	X	X	X	X	X	X			004
5	A-1		C	3/19/20	1:38PM				2	X									X	X	X	X	X	X	X	X			005
6	A-2		C	3/19/20	1:44PM				2	X									X	X	X	X	X	X	X	X			006
7																													
8																													
9																													
10																													
11																													
12																													

WO#: 70126223
PM: NML Due Date: 03/30/20
CLIENT: PACE-PA

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	DRumhatt	3/20/20		Pace	3-20-20	1255				
	Pace	3-20-20	1600	FEDEX						
				Nicole Rumeo / Pace	3/21/2020	1015	4.8	Y	Y	N

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pittsburgh Lab Sample Condition Upon Receipt

Pace Analytical

Client Name: Envirospec Project #: #-30355922

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Label NMR
LIMS Login NMR

Tracking #: 122483315646

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Thermometer Used 11 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 5.2 °C Correction Factor: -0.4 °C Final Temp: 4.8 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	N/A	pH paper Lot# NA	Date and Initials of person examining contents: NMR 3/20/2020 nmr 3/21/2020
Chain of Custody Present:	✓			1.	
Chain of Custody Filled Out:	✓			2.	
Chain of Custody Relinquished:	✓			3.	
Sampler Name & Signature on COC:		✓		4.	
Sample Labels match COC: -Includes date/time/ID Matrix: SL	✓			5.	
Samples Arrived within Hold Time:	✓			6.	
Short Hold Time Analysis (<72hr remaining):		✓		7.	
Rush Turn Around Time Requested:	✓			8.	
Sufficient Volume:	✓			9.	
Correct Containers Used: -Pace Containers Used:	✓ ✓			10.	
Containers Intact:		✓		11. See comments	
Orthophosphate field filtered			✓	12.	
Hex Cr Aqueous sample field filtered			✓	13.	
Organic Samples checked for dechlorination:			✓	14.	
Filtered volume received for Dissolved tests			✓	15.	
All containers have been checked for preservation. exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, Non-aqueous matrix			✓	16.	
All containers meet method preservation requirements.	✓			Initial when completed NMR	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):			✓	17.	
Trip Blank Present:		✓		18.	
Trip Blank Custody Seals Present			✓		
Rad Samples Screened < 0.5 mrem/hr			✓	Initial when completed:	Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution:

- Received one broken AG1U container with sample ID of A-1 (collected on 3/19/2020 at 1338)
  - Solid sample transferred to a BG1U

☐ **A check in this box indicates that additional information has been stored in ereports.**

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Sample Condition Upon Receipt

Pace Analytical

WO#: 70126223
PM: NML Due Date: 03/30/20
CLIENT: PACE-PA

Client Name: Pro

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 1461 8058 3299

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☐ No

Temperature Blank Present: ☐ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 Correction Factor: +0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 3.8 Cooler Temperature Corrected (°C): 4.0

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: JT 3/25/20

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested:	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL				
All containers needing preservation have been checked	☐Yes	☐No	☑N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☐Yes	☐No	☑N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Field Data Required? Y / N

Client Notification/ Resolution: Date/Time:

Person Contacted:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

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www.pacelabs.com

Ship To:
Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040

INTER_LABORATORY WORK ORDER # 30355922
(To be completed by sending lab)

Sending Project No:	30355922
Receiving Project No:	
Check Box for Consolidated Invoice:	☐
Date Prepared:	03/24/20
REQUESTED COMPLETION DATE:	**3/30/2020**

Sending Region	IR30-Pittsburgh	Sending Project Mgr.	Samantha Bayura
Receiving Region	IR70-Melville	External Client	Envirospec Engineering
State of Sample Origin	NY	QC Deliverable	PACKAGELV4

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? Dry Weight Cert. Needed _____

WORK REQUESTED

Method Description	Container Type	Quantity of containers	Preservative	Quantity of Samples	Unit Price	Amount
1030 Ignitability, 9034 Sulfide	WGFU		Unpreserved	6	$31.25	$187.50
					TOTAL	$187.50

Special Requirements: _____

Receiving Region Department	Acctg. Code	Totals from above	Revenue Allocation	
			Receiving Region (80%)	Client Services Dept. Sending Region (20%)
Wet Chemistry	21	$187.50	$150.00	$37.50
* Custom Revenue Allocation	**TOTAL**	$187.50	$150.00	$37.50

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Chain of Custody Included: ☑ Yes ☐ No Return Samples to Sending Region: ☐ Yes ☑ No

Matrix: ☐ Drinking Water ☑ Soil ☐ Water ☐ Air ☐ Other (identify) _____

CONFIRMATION OF WORK COMPLETED

Date Completed: _____ Receiving Project Manager: _____

DISPOSITION of FORM

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

APPENDIX I

Groundwater Extraction Bill of Lading

D56243

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706184	1	800-255-3924	20-07071-01

GENERATOR

5. Generator's Name and Mailing Address
Envirospec Engineering, PLLC
349 Northern Boulevard, Suite 3
Albany NY 12204-1032
Generator's Phone: 518 453-2203

Generator's Site Address (if different than mailing address)
South Island Apartments Site - Excavation Area
1 Osgood Avenue
Green Island NY 12183

6. Transporter 1 Company Name
Precision Industrial Maintenance, Inc.
U.S. EPA ID Number: NYD000103814

7. Transporter 2 Company Name
ACV ENVIRONMENTAL SERVICES, INC.
U.S. EPA ID Number: NJD003812047

8. Designated Facility Name and Site Address
Cycle Chem, Inc.
217 South First Street
Elizabeth NJ 07206
Facility's Phone: 908 355-5600
U.S. EPA ID Number: NJD002200046

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s. (#2 Fuel Oil, Diesel fuel), PGIII	01	TP	1800	P	ID-72
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)(Sedimentary Sludges Contaminated w/ #2 Fuel Oil & Diesel Fuel) / PRODUCT CODE: 4195 / CONTAINER QTY. & SIZE: 1X 275 / JOB #20 07071 ERG#128

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

Generator's/Offeror's Printed/Typed Name: Rachel Farnum
Signature:
Month: 06 Day: 30 Year: 2020

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lee Thomas
Signature:
Month: 6 Day: 30 Year: 20

Transporter 2 Printed/Typed Name: GRAZIANO MAZZELLA
Signature:
Month: 7 Day: 1 Year: 20

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name: Gibson
Signature:
Month: 7 Day: 1 Year: 20

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APPENDIX J

Backfill Approval Documentation

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	BF-C-1		BF-C-2		BF-D-1		BF-D-2		BF-D-3	
		DESCRIPTION	Bedding Fill Composite 1		Bedding Fill Composite 2		Bedding Fill Discrete 1		Bedding Fill Discrete 2		Bedding Fill Discrete 3	
		LAB ID:	L1851564-10		L1851564-11		L1851564-12		L1851564-13		L1851564-14	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
ANALYTE	CAS	Part 375 Restricted Residential SCOs (mg/kg)	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit
VOLATILE ORGANICS BY GC/MS												
1,1,1-Trichloroethane	71-55-6	100	-		-		ND	0.00014	ND	0.00023	ND	0.0002
1,1,2,2-Tetrachloroethane	79-34-5		-		-		ND	0.00014	ND	0.00022	ND	0.0002
1,1,2-Trichloroethane	79-00-5		-		-		ND	0.00022	ND	0.00036	ND	0.00032
1,1-Dichloroethane	75-34-3	26	-		-		ND	0.00012	ND	0.0002	ND	0.00017
1,1-Dichloroethene	75-35-4	100	-		-		ND	0.0002	ND	0.00032	ND	0.00028
1,2,3-Trichlorobenzene	87-61-6		-		-		ND	0.00027	ND	0.00044	ND	0.00038
1,2,4-Trichlorobenzene	120-82-1		-		-		ND	0.00023	ND	0.00037	ND	0.00032
1,2,4-Trimethylbenzene	95-63-6		-		-		ND	0.00028	ND	0.00045	ND	0.0004
1,2-Dibromo-3-chloropropane	96-12-8		-		-		ND	0.00083	ND	0.0014	ND	0.0012
1,2-Dibromoethane	106-93-4		-		-		ND	0.00023	ND	0.00038	ND	0.00033
1,2-Dichlorobenzene	95-50-1	100	-		-		ND	0.00012	ND	0.0002	ND	0.00017
1,2-Dichloroethane	107-06-2	3.1	-		-		ND	0.00021	ND	0.00035	ND	0.0003
1,2-Dichloroethene, Total	540-59-0		-		-		ND	0.00011	ND	0.00018	ND	0.00016
1,2-Dichloropropane	78-87-5		-		-		ND	0.0001	ND	0.00017	ND	0.00015
1,3,5-Trimethylbenzene	108-67-8		-		-		ND	0.00016	ND	0.00026	ND	0.00023
1,3-Dichlorobenzene	541-73-1	49	-		-		ND	0.00012	ND	0.0002	ND	0.00018
1,3-Dichloropropene, Total	542-75-6		-		-		ND	0.00013	ND	0.00021	ND	0.00019
1,4-Dichlorobenzene	106-46-7	13	-		-		ND	0.00014	ND	0.00023	ND	0.0002
1,4-Dioxane	123-91-1		-		-		ND	0.029	ND	0.048	ND	0.042
2-Butanone	78-93-3	100	-		-		ND	0.0018	ND	0.003	ND	0.0026
2-Hexanone	591-78-6		-		-		ND	0.00098	ND	0.0016	ND	0.0014
4-Methyl-2-pentanone	108-10-1		-		-		ND	0.0011	ND	0.0017	ND	0.0015
Acetone	67-64-1	100	-		-		ND	0.004	ND	0.0065	ND	0.0057
Benzene	71-43-2	4.8	-		-		ND	0.00014	ND	0.00022	ND	0.0002
Bromochloromethane	74-97-5		-		-		ND	0.00017	ND	0.00028	ND	0.00024
Bromodichloromethane	75-27-4		-		-		ND	0.00009	ND	0.00015	ND	0.00013
Bromoform	75-25-2		-		-		ND	0.0002	ND	0.00033	ND	0.00029
Bromomethane	74-83-9		-		-		ND	0.00048	ND	0.00079	ND	0.00069
Carbon disulfide	75-15-0		-		-		ND	0.0038	ND	0.0062	ND	0.0054
Carbon tetrachloride	56-23-5	2.4	-		-		ND	0.00019	ND	0.00031	ND	0.00027
Chlorobenzene	108-90-7	100	-		-		ND	0.0001	ND	0.00017	ND	0.00015
Chloroethane	75-00-3		-		-		ND	0.00038	ND	0.00061	ND	0.00054
Chloroform	67-66-3	49	-		-		ND	0.00012	ND	0.00019	ND	0.00017
Chloromethane	74-87-3		-		-		ND	0.00078	ND	0.0013	ND	0.0011
cis-1,2-Dichloroethene	156-59-2	100	-		-		ND	0.00014	ND	0.00024	ND	0.00021
cis-1,3-Dichloropropene	10061-01-5		-		-		ND	0.00013	ND	0.00021	ND	0.00019
Cyclohexane	110-82-7		-		-		ND	0.00045	ND	0.00074	ND	0.00065
Dibromochloromethane	124-48-1		-		-		ND	0.00012	ND	0.00019	ND	0.00017
Dichlorodifluoromethane	75-71-8		-		-		ND	0.00076	ND	0.0012	ND	0.0011
Ethylbenzene	100-41-4	41	-		-		ND	0.00012	ND	0.00019	ND	0.00017
Freon-113	76-13-1		-		-		ND	0.00058	ND	0.00094	ND	0.00082
Isopropylbenzene	98-82-8		-		-		ND	0.00009	ND	0.00015	ND	0.00013
Methyl Acetate	79-20-9		-		-		ND	0.00079	ND	0.0013	ND	0.0011
Methyl cyclohexane	108-87-2		-		-		ND	0.0005	ND	0.00082	ND	0.00072
Methyl tert butyl ether	1634-04-4	100	-		-		ND	0.00017	ND	0.00027	ND	0.00024
Methylene chloride	75-09-2	100	-		-		ND	0.0019	ND	0.0031	ND	0.0027
Naphthalene	91-20-3		-		-		ND	0.00054	ND	0.00088	ND	0.00077
n-Butylbenzene	104-51-8		-		-		ND	0.00014	ND	0.00023	ND	0.0002
n-Propylbenzene	103-65-1		-		-		ND	0.00014	ND	0.00023	ND	0.0002
o-Xylene	95-47-6		-		-		ND	0.00024	ND	0.00039	ND	0.00035
p/m-Xylene	179601-23-1		-		-		ND	0.00047	ND	0.00076	ND	0.00066
p-Isopropyltoluene	99-87-6		-		-		ND	0.00009	ND	0.00015	ND	0.00013
sec-Butylbenzene	135-98-8		-		-		ND	0.00012	ND	0.0002	ND	0.00017
Styrene	100-42-5		-		-		ND	0.00016	ND	0.00026	ND	0.00023
tert-Butylbenzene	98-06-6		-		-		ND	0.0001	ND	0.00016	ND	0.00014
Tetrachloroethene	127-18-4	19	-		-		ND	0.00016	ND	0.00026	ND	0.00023
Toluene	108-88-3	100	-		-		ND	0.00045	ND	0.00074	ND	0.00064
trans-1,2-Dichloroethene	156-60-5	100	-		-		ND	0.00011	ND	0.00018	ND	0.00016
trans-1,3-Dichloropropene	10061-02-6		-		-		ND	0.00023	ND	0.00037	ND	0.00032
Trichloroethene	79-01-6	21	-		-		ND	0.00011	ND	0.00018	ND	0.00016
Trichlorofluoromethane	75-69-4		-		-		ND	0.00058	ND	0.00094	ND	0.00083
Vinyl chloride	75-01-4	0.9	-		-		ND	0.00028	ND	0.00045	ND	0.0004
Xylenes, Total	1330-20-7	100	-		-		ND	0.00024	ND	0.00039	ND	0.00035
Total VOCs			-		-		-		-		-	

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	BF-C-1		BF-C-2		BF-D-1		BF-D-2		BF-D-3	
		DESCRIPTION	Bedding Fill Composite 1		Bedding Fill Composite 2		Bedding Fill Discrete 1		Bedding Fill Discrete 2		Bedding Fill Discrete 3	
		LAB ID:	L1851564-10		L1851564-11		L1851564-12		L1851564-13		L1851564-14	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
SEMIVOLATILE ORGANICS BY GC/MS												
1,2,4,5-Tetrachlorobenzene	95-94-3		ND	0.019	ND	0.019	-		-		-	
1,2,4-Trichlorobenzene	120-82-1		ND	0.02	ND	0.021	-		-		-	
1,2-Dichlorobenzene	95-50-1		ND	0.032	ND	0.032	-		-		-	
1,3-Dichlorobenzene	541-73-1		ND	0.031	ND	0.031	-		-		-	
1,4-Dichlorobenzene	106-46-7		ND	0.031	ND	0.031	-		-		-	
2,4,5-Trichlorophenol	95-95-4		ND	0.034	ND	0.034	-		-		-	
2,4,6-Trichlorophenol	88-06-2		ND	0.034	ND	0.034	-		-		-	
2,4-Dichlorophenol	120-83-2		ND	0.029	ND	0.029	-		-		-	
2,4-Dimethylphenol	105-67-9		ND	0.059	ND	0.059	-		-		-	
2,4-Dinitrophenol	51-28-5		ND	0.084	ND	0.084	-		-		-	
2,4-Dinitrotoluene	121-14-2		ND	0.036	ND	0.036	-		-		-	
2,6-Dinitrotoluene	606-20-2		ND	0.031	ND	0.031	-		-		-	
2-Chloronaphthalene	91-58-7		ND	0.018	ND	0.018	-		-		-	
2-Chlorophenol	95-57-8		ND	0.021	ND	0.021	-		-		-	
2-Methylnaphthalene	91-57-6		ND	0.022	ND	0.022	-		-		-	
2-Methylphenol	95-48-7	100	ND	0.028	ND	0.028	-		-		-	
2-Nitroaniline	88-74-4		ND	0.035	ND	0.035	-		-		-	
2-Nitrophenol	88-75-5		ND	0.068	ND	0.068	-		-		-	
3,3'-Dichlorobenzidine	91-94-1		ND	0.048	ND	0.048	-		-		-	
3-Methylphenol/4-Methylphenol	108-39-4	100	ND	0.028	ND	0.028	-		-		-	
3-Nitroaniline	99-09-2		ND	0.034	ND	0.034	-		-		-	
4,6-Dinitro-o-cresol	534-52-1		ND	0.086	ND	0.086	-		-		-	
4-Bromophenyl phenyl ether	101-55-3		ND	0.027	ND	0.027	-		-		-	
4-Chloroaniline	106-47-8		ND	0.033	ND	0.033	-		-		-	
4-Chlorophenyl phenyl ether	7005-72-3		ND	0.019	ND	0.019	-		-		-	
4-Nitroaniline	100-01-6		ND	0.074	ND	0.074	-		-		-	
4-Nitrophenol	100-02-7		ND	0.073	ND	0.074	-		-		-	
Acenaphthene	83-32-9	100	ND	0.019	ND	0.019	-		-		-	
Acenaphthylene	208-96-8	100	ND	0.028	ND	0.028	-		-		-	
Acetophenone	98-86-2		ND	0.022	ND	0.022	-		-		-	
Anthracene	120-12-7	100	ND	0.035	ND	0.035	-		-		-	
Benzo(a)anthracene	56-55-3	1	ND	0.02	ND	0.02	-		-		-	
Benzo(a)pyrene	50-32-8	1	ND	0.044	ND	0.044	-		-		-	
Benzo(b)fluoranthene	205-99-2	1	ND	0.03	ND	0.03	-		-		-	
Benzo(ghi)perylene	191-24-2	100	ND	0.021	ND	0.021	-		-		-	
Benzo(k)fluoranthene	207-08-9	3.9	ND	0.029	ND	0.029	-		-		-	
Benzoic Acid	65-85-0		ND	0.18	ND	0.18	-		-		-	
Benzyl Alcohol	100-51-6		ND	0.055	ND	0.055	-		-		-	
Biphenyl	92-52-4		ND	0.042	ND	0.042	-		-		-	
Bis(2-chloroethoxy)methane	111-91-1		ND	0.018	ND	0.018	-		-		-	
Bis(2-chloroethyl)ether	111-44-4		ND	0.024	ND	0.024	-		-		-	
Bis(2-chloroisopropyl)ether	108-60-1		ND	0.031	ND	0.031	-		-		-	
Bis(2-ethylhexyl)phthalate	117-81-7		ND	0.062	ND	0.062	-		-		-	
Butyl benzyl phthalate	85-68-7		ND	0.045	ND	0.045	-		-		-	
Carbazole	86-74-8		ND	0.017	ND	0.018	-		-		-	
Chrysene	218-01-9	3.9	ND	0.019	ND	0.019	-		-		-	
Dibenzo(a,h)anthracene	53-70-3	0.33	ND	0.021	ND	0.021	-		-		-	
Dibenzofuran	132-64-9	59	ND	0.017	ND	0.017	-		-		-	
Diethyl phthalate	84-66-2		ND	0.017	ND	0.017	-		-		-	
Dimethyl phthalate	131-11-3		ND	0.038	ND	0.038	-		-		-	
Di-n-butylphthalate	84-74-2		ND	0.034	ND	0.034	-		-		-	
Di-n-octylphthalate	117-84-0		ND	0.061	ND	0.061	-		-		-	
Fluoranthene	206-44-0	100	ND	0.021	ND	0.021	-		-		-	
Fluorene	86-73-7	100	ND	0.017	ND	0.018	-		-		-	
Hexachlorobenzene	118-74-1	1.2	ND	0.02	ND	0.02	-		-		-	
Hexachlorobutadiene	87-68-3		ND	0.026	ND	0.026	-		-		-	
Hexachlorocyclopentadiene	77-47-4		ND	0.16	ND	0.16	-		-		-	
Hexachloroethane	67-72-1		ND	0.029	ND	0.029	-		-		-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	ND	0.025	ND	0.025	-		-		-	
Isophorone	78-59-1		ND	0.023	ND	0.023	-		-		-	
Naphthalene	91-20-3	100	ND	0.022	ND	0.022	-		-		-	
NDPA/DPA	86-30-6		ND	0.02	ND	0.02	-		-		-	
Nitrobenzene	98-95-3		ND	0.027	ND	0.027	-		-		-	
n-Nitrosodi-n-propylamine	621-64-7		ND	0.028	ND	0.028	-		-		-	
p-Chloro-m-cresol	59-50-7		ND	0.027	ND	0.027	-		-		-	
Pentachlorophenol	87-86-5	6.7	ND	0.04	ND	0.04	-		-		-	
Phenanthrene	85-01-8	100	ND	0.022	ND	0.022	-		-		-	
Phenol	108-95-2	100	ND	0.027	ND	0.027	-		-		-	
Pyrene	129-00-0	100	ND	0.018	ND	0.018	-		-		-	
Total SVOCs			-		-		-		-		-	

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	BF-C-1		BF-C-2		BF-D-1		BF-D-2		BF-D-3	
		DESCRIPTION	Bedding Fill Composite 1		Bedding Fill Composite 2		Bedding Fill Discrete 1		Bedding Fill Discrete 2		Bedding Fill Discrete 3	
		LAB ID:	L1851564-10		L1851564-11		L1851564-12		L1851564-13		L1851564-14	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
ORGANOCHLORINE PESTICIDES BY GC												
4,4'-DDD	72-54-8	13	ND	0.000602	ND	0.000591	-		-		-	
4,4'-DDE	72-55-9	8.9	ND	0.00039	ND	0.000383	-		-		-	
4,4'-DDT	50-29-3	7.9	ND	0.00136	ND	0.00133	-		-		-	
Aldrin	309-00-2	0.097	ND	0.000594	ND	0.000583	-		-		-	
Alpha-BHC	319-84-6	0.48	ND	0.0002	ND	0.000196	-		-		-	
Beta-BHC	319-85-7	0.36	ND	0.00064	ND	0.000628	-		-		-	
Chlordane	57-74-9		ND	0.00559	ND	0.00548	-		-		-	
cis-Chlordane	5103-71-9	4.2	ND	0.000587	ND	0.000577	-		-		-	
Delta-BHC	319-86-8	100	ND	0.00033	ND	0.000324	-		-		-	
Dieldrin	60-57-1	0.2	ND	0.000527	ND	0.000517	-		-		-	
Endosulfan I	959-98-8	24	ND	0.000398	ND	0.000391	-		-		-	
Endosulfan II	33213-65-9	24	ND	0.000564	ND	0.000553	-		-		-	
Endosulfan sulfate	1031-07-8	24	ND	0.000334	ND	0.000328	-		-		-	
Endrin	72-20-8	11	ND	0.000288	ND	0.000283	-		-		-	
Endrin aldehyde	7421-93-4		ND	0.000738	ND	0.000724	-		-		-	
Endrin ketone	53494-70-5		ND	0.000434	ND	0.000426	-		-		-	
Heptachlor	76-44-8	2.1	ND	0.000378	ND	0.000371	-		-		-	
Heptachlor epoxide	1024-57-3		ND	0.000949	ND	0.000931	-		-		-	
Lindane	58-89-9	1.3	ND	0.000314	ND	0.000308	-		-		-	
Methoxychlor	72-43-5		ND	0.000984	ND	0.000966	-		-		-	
Toxaphene	8001-35-2		ND	0.00885	ND	0.00869	-		-		-	
trans-Chlordane	5103-74-2		ND	0.000556	ND	0.000546	-		-		-	
POLYCHLORINATED BIPHENYLS BY GC												
Aroclor 1016	12674-11-2	1	ND	0.00306	ND	0.00315	-		-		-	
Aroclor 1221	11104-28-2	1	ND	0.00345	ND	0.00356	-		-		-	
Aroclor 1232	11141-16-5	1	ND	0.0073	ND	0.00752	-		-		-	
Aroclor 1242	53469-21-9	1	ND	0.00464	ND	0.00478	-		-		-	
Aroclor 1248	12672-29-6	1	ND	0.00517	ND	0.00532	-		-		-	
Aroclor 1254	11097-69-1	1	ND	0.00377	ND	0.00388	-		-		-	
Aroclor 1260	11096-82-5	1	ND	0.00637	ND	0.00656	-		-		-	
Aroclor 1262	37324-23-5	1	ND	0.00438	ND	0.00451	-		-		-	
Aroclor 1268	11100-14-4	1	ND	0.00357	ND	0.00368	-		-		-	
PCBs, Total	1336-36-3	1	ND	0.00306	ND	0.00315	-		-		-	
TOTAL METALS												
Aluminum, Total	7429-90-5		7590	2.3	7830	2.24	-		-		-	
Antimony, Total	7440-36-0		ND	0.324	ND	0.315	-		-		-	
Arsenic, Total	7440-38-2	16	5.41	0.177	5.79	0.172	-		-		-	
Barium, Total	7440-39-3	400	49	0.148	50.9	0.144	-		-		-	
Beryllium, Total	7440-41-7	72	0.375	0.028	0.348	0.027	-		-		-	
Cadmium, Total	7440-43-9	4.3	ND	0.084	ND	0.081	-		-		-	
Calcium, Total	7440-70-2		9600	2.98	8830	2.9	-		-		-	
Chromium, Total	7440-47-3	110	10.1	0.082	10.1	0.08	-		-		-	
Cobalt, Total	7440-48-4		7.55	0.141	7.95	0.137	-		-		-	
Copper, Total	7440-50-8	270	22.6	0.22	22.9	0.214	-		-		-	
Iron, Total	7439-89-6		18400	0.77	19200	0.748	-		-		-	
Lead, Total	7439-92-1	400	7.64	0.228	8.24	0.222	-		-		-	
Magnesium, Total	7439-95-4		5080	1.31	5090	1.28	-		-		-	
Manganese, Total	7439-96-5	2000	489	0.136	474	0.132	-		-		-	
Mercury, Total	7439-97-6	0.81	ND	0.015	ND	0.015	-		-		-	
Nickel, Total	7440-02-0	310	16.1	0.206	16.9	0.2	-		-		-	
Potassium, Total	7440-09-7		400	12.3	408	11.9	-		-		-	
Selenium, Total	7782-49-2	180	ND	0.22	0.232	0.214	-		-		-	
Silver, Total	7440-22-4	180	ND	0.241	ND	0.234	-		-		-	
Sodium, Total	7440-23-5		29.8	2.68	29.8	2.61	-		-		-	
Thallium, Total	7440-28-0		ND	0.268	ND	0.261	-		-		-	
Vanadium, Total	7440-62-2		11.5	0.173	11.3	0.168	-		-		-	
Zinc, Total	7440-66-6	10000	52.2	0.25	55	0.242	-		-		-	
GENERAL CHEMISTRY												
Solids, Total	NONE		91.1	NA	91.5	NA	90.9	NA	92.5	NA	91.6	NA
Cyanide, Total	57-12-5		ND	0.23	ND	0.22	-		-		-	

All results are in mg/kg

TABLE 5. Backfill Sample Results.

		BF-D-4		BF-D-5		BF-D-6		BF-D-7	
		Bedding Fill Discrete 4		Bedding Fill Discrete 5		Bedding Fill Discrete 6		Bedding Fill Discrete 7	
		L1851564-15		L1851564-16		L1851564-17		L1851564-18	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
ANALYTE	CAS	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit
VOLATILE ORGANICS BY GC/MS									
1,1,1-Trichloroethane	71-55-6	ND	0.00019	ND	0.00016	ND	0.00014	ND	0.00016
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.00019	ND	0.00016	ND	0.00014	ND	0.00016
1,1,2-Trichloroethane	79-00-5	ND	0.0003	ND	0.00026	ND	0.00023	ND	0.00026
1,1-Dichloroethane	75-34-3	ND	0.00016	ND	0.00014	ND	0.00013	ND	0.00014
1,1-Dichloroethene	75-35-4	ND	0.00027	ND	0.00023	ND	0.00021	ND	0.00023
1,2,3-Trichlorobenzene	87-61-6	ND	0.00036	ND	0.00032	ND	0.00028	ND	0.00031
1,2,4-Trichlorobenzene	120-82-1	ND	0.00031	ND	0.00027	ND	0.00024	ND	0.00026
1,2,4-Trimethylbenzene	95-63-6	ND	0.00038	ND	0.00033	ND	0.00029	ND	0.00032
1,2-Dibromo-3-chloropropane	96-12-8	ND	0.0011	ND	0.00098	ND	0.00087	ND	0.00097
1,2-Dibromoethane	106-93-4	ND	0.00032	ND	0.00027	ND	0.00024	ND	0.00027
1,2-Dichlorobenzene	95-50-1	ND	0.00016	ND	0.00014	ND	0.00012	ND	0.00014
1,2-Dichloroethane	107-06-2	ND	0.00029	ND	0.00025	ND	0.00022	ND	0.00025
1,2-Dichloroethene, Total	540-59-0	ND	0.00015	ND	0.00013	ND	0.00012	ND	0.00013
1,2-Dichloropropane	78-87-5	ND	0.00014	ND	0.00012	ND	0.00011	ND	0.00012
1,3,5-Trimethylbenzene	108-67-8	ND	0.00022	ND	0.00019	ND	0.00017	ND	0.00019
1,3-Dichlorobenzene	541-73-1	ND	0.00017	ND	0.00014	ND	0.00013	ND	0.00014
1,3-Dichloropropene, Total	542-75-6	ND	0.00018	ND	0.00016	ND	0.00014	ND	0.00015
1,4-Dichlorobenzene	106-46-7	ND	0.00019	ND	0.00017	ND	0.00015	ND	0.00017
1,4-Dioxane	123-91-1	ND	0.04	ND	0.034	ND	0.031	ND	0.034
2-Butanone	78-93-3	ND	0.0025	ND	0.0022	ND	0.0019	ND	0.0022
2-Hexanone	591-78-6	ND	0.0013	ND	0.0012	ND	0.001	ND	0.0011
4-Methyl-2-pentanone	108-10-1	ND	0.0014	ND	0.0012	ND	0.0011	ND	0.0012
Acetone	67-64-1	ND	0.0054	ND	0.0047	ND	0.0042	ND	0.0047
Benzene	71-43-2	ND	0.00019	ND	0.00016	ND	0.00014	ND	0.00016
Bromochloromethane	74-97-5	ND	0.00023	ND	0.0002	ND	0.00018	ND	0.0002
Bromodichloromethane	75-27-4	ND	0.00012	ND	0.00011	ND	0.0001	ND	0.00011
Bromoform	75-25-2	ND	0.00028	ND	0.00024	ND	0.00021	ND	0.00024
Bromomethane	74-83-9	ND	0.00066	ND	0.00057	ND	0.00051	ND	0.00056
Carbon disulfide	75-15-0	ND	0.0051	ND	0.0045	ND	0.004	ND	0.0044
Carbon tetrachloride	56-23-5	ND	0.00026	ND	0.00023	ND	0.0002	ND	0.00022
Chlorobenzene	108-90-7	ND	0.00014	ND	0.00012	ND	0.00011	ND	0.00012
Chloroethane	75-00-3	ND	0.00051	ND	0.00044	ND	0.00039	ND	0.00044
Chloroform	67-66-3	ND	0.00016	ND	0.00014	ND	0.00012	ND	0.00014
Chloromethane	74-87-3	ND	0.001	ND	0.00092	ND	0.00081	ND	0.00091
cis-1,2-Dichloroethene	156-59-2	ND	0.0002	ND	0.00017	ND	0.00015	ND	0.00017
cis-1,3-Dichloropropene	10061-01-5	ND	0.00018	ND	0.00016	ND	0.00014	ND	0.00015
Cyclohexane	110-82-7	ND	0.00062	ND	0.00053	ND	0.00048	ND	0.00053
Dibromochloromethane	124-48-1	ND	0.00016	ND	0.00014	ND	0.00012	ND	0.00014
Dichlorodifluoromethane	75-71-8	ND	0.001	ND	0.0009	ND	0.0008	ND	0.00089
Ethylbenzene	100-41-4	ND	0.00016	ND	0.00014	ND	0.00012	ND	0.00014
Freon-113	76-13-1	ND	0.00078	ND	0.00068	ND	0.0006	ND	0.00067
Isopropylbenzene	98-82-8	ND	0.00012	ND	0.00011	ND	0.0001	ND	0.00011
Methyl Acetate	79-20-9	ND	0.0011	ND	0.00093	ND	0.00083	ND	0.00092
Methyl cyclohexane	108-87-2	ND	0.00068	ND	0.00059	ND	0.00053	ND	0.00059
Methyl tert butyl ether	1634-04-4	ND	0.00023	ND	0.0002	ND	0.00018	ND	0.0002
Methylene chloride	75-09-2	ND	0.0026	ND	0.0022	ND	0.002	ND	0.0022
Naphthalene	91-20-3	ND	0.00074	ND	0.00064	ND	0.00057	ND	0.00063
n-Butylbenzene	104-51-8	ND	0.00019	ND	0.00016	ND	0.00014	ND	0.00016
n-Propylbenzene	103-65-1	ND	0.00019	ND	0.00017	ND	0.00015	ND	0.00017
o-Xylene	95-47-6	ND	0.00033	ND	0.00029	ND	0.00025	ND	0.00028
p/m-Xylene	179601-23-1	ND	0.00063	ND	0.00055	ND	0.00049	ND	0.00054
p-Isopropyltoluene	99-87-6	ND	0.00012	ND	0.00011	ND	0.0001	ND	0.00011
sec-Butylbenzene	135-98-8	ND	0.00016	ND	0.00014	ND	0.00013	ND	0.00014
Styrene	100-42-5	ND	0.00022	ND	0.00019	ND	0.00017	ND	0.00019
tert-Butylbenzene	98-06-6	ND	0.00013	ND	0.00012	ND	0.0001	ND	0.00011
Tetrachloroethene	127-18-4	ND	0.00022	ND	0.00019	ND	0.00017	ND	0.00019
Toluene	108-88-3	ND	0.00061	ND	0.00053	ND	0.00047	ND	0.00053
trans-1,2-Dichloroethene	156-60-5	ND	0.00015	ND	0.00013	ND	0.00012	ND	0.00013
trans-1,3-Dichloropropene	10061-02-6	ND	0.00031	ND	0.00027	ND	0.00024	ND	0.00026
Trichloroethene	79-01-6	ND	0.00015	ND	0.00013	ND	0.00012	ND	0.00013
Trichlorofluoromethane	75-69-4	ND	0.00079	ND	0.00068	ND	0.00061	ND	0.00068
Vinyl chloride	75-01-4	ND	0.00038	ND	0.00033	ND	0.00029	ND	0.00033
Xylenes, Total	1330-20-7	ND	0.00033	ND	0.00029	ND	0.00025	ND	0.00028
Total VOCs		-		-		-		-	

TABLE 5. Backfill Sample Results.

		BF-D-4		BF-D-5		BF-D-6		BF-D-7	
		Bedding Fill Discrete 4		Bedding Fill Discrete 5		Bedding Fill Discrete 6		Bedding Fill Discrete 7	
		L1851564-15		L1851564-16		L1851564-17		L1851564-18	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
SEMIVOLATILE ORGANICS BY GC/MS									
1,2,4,5-Tetrachlorobenzene	95-94-3	-		-		-		-	
1,2,4-Trichlorobenzene	120-82-1	-		-		-		-	
1,2-Dichlorobenzene	95-50-1	-		-		-		-	
1,3-Dichlorobenzene	541-73-1	-		-		-		-	
1,4-Dichlorobenzene	106-46-7	-		-		-		-	
2,4,5-Trichlorophenol	95-95-4	-		-		-		-	
2,4,6-Trichlorophenol	88-06-2	-		-		-		-	
2,4-Dichlorophenol	120-83-2	-		-		-		-	
2,4-Dimethylphenol	105-67-9	-		-		-		-	
2,4-Dinitrophenol	51-28-5	-		-		-		-	
2,4-Dinitrotoluene	121-14-2	-		-		-		-	
2,6-Dinitrotoluene	606-20-2	-		-		-		-	
2-Chloronaphthalene	91-58-7	-		-		-		-	
2-Chlorophenol	95-57-8	-		-		-		-	
2-Methylnaphthalene	91-57-6	-		-		-		-	
2-Methylphenol	95-48-7	-		-		-		-	
2-Nitroaniline	88-74-4	-		-		-		-	
2-Nitrophenol	88-75-5	-		-		-		-	
3,3'-Dichlorobenzidine	91-94-1	-		-		-		-	
3-Methylphenol/4-Methylphenol	108-39-4	-		-		-		-	
3-Nitroaniline	99-09-2	-		-		-		-	
4,6-Dinitro-o-cresol	534-52-1	-		-		-		-	
4-Bromophenyl phenyl ether	101-55-3	-		-		-		-	
4-Chloroaniline	106-47-8	-		-		-		-	
4-Chlorophenyl phenyl ether	7005-72-3	-		-		-		-	
4-Nitroaniline	100-01-6	-		-		-		-	
4-Nitrophenol	100-02-7	-		-		-		-	
Acenaphthene	83-32-9	-		-		-		-	
Acenaphthylene	208-96-8	-		-		-		-	
Acetophenone	98-86-2	-		-		-		-	
Anthracene	120-12-7	-		-		-		-	
Benzo(a)anthracene	56-55-3	-		-		-		-	
Benzo(a)pyrene	50-32-8	-		-		-		-	
Benzo(b)fluoranthene	205-99-2	-		-		-		-	
Benzo(ghi)perylene	191-24-2	-		-		-		-	
Benzo(k)fluoranthene	207-08-9	-		-		-		-	
Benzoic Acid	65-85-0	-		-		-		-	
Benzyl Alcohol	100-51-6	-		-		-		-	
Biphenyl	92-52-4	-		-		-		-	
Bis(2-chloroethoxy)methane	111-91-1	-		-		-		-	
Bis(2-chloroethyl)ether	111-44-4	-		-		-		-	
Bis(2-chloroisopropyl)ether	108-60-1	-		-		-		-	
Bis(2-ethylhexyl)phthalate	117-81-7	-		-		-		-	
Butyl benzyl phthalate	85-68-7	-		-		-		-	
Carbazole	86-74-8	-		-		-		-	
Chrysene	218-01-9	-		-		-		-	
Dibenzo(a,h)anthracene	53-70-3	-		-		-		-	
Dibenzofuran	132-64-9	-		-		-		-	
Diethyl phthalate	84-66-2	-		-		-		-	
Dimethyl phthalate	131-11-3	-		-		-		-	
Di-n-butylphthalate	84-74-2	-		-		-		-	
Di-n-octylphthalate	117-84-0	-		-		-		-	
Fluoranthene	206-44-0	-		-		-		-	
Fluorene	86-73-7	-		-		-		-	
Hexachlorobenzene	118-74-1	-		-		-		-	
Hexachlorobutadiene	87-68-3	-		-		-		-	
Hexachlorocyclopentadiene	77-47-4	-		-		-		-	
Hexachloroethane	67-72-1	-		-		-		-	
Indeno(1,2,3-cd)pyrene	193-39-5	-		-		-		-	
Isophorone	78-59-1	-		-		-		-	
Naphthalene	91-20-3	-		-		-		-	
NDPA/DPA	86-30-6	-		-		-		-	
Nitrobenzene	98-95-3	-		-		-		-	
n-Nitrosodi-n-propylamine	621-64-7	-		-		-		-	
p-Chloro-m-cresol	59-50-7	-		-		-		-	
Pentachlorophenol	87-86-5	-		-		-		-	
Phenanthrene	85-01-8	-		-		-		-	
Phenol	108-95-2	-		-		-		-	
Pyrene	129-00-0	-		-		-		-	
Total SVOCs		-		-		-		-	

TABLE 5. Backfill Sample Results.

		BF-D-4		BF-D-5		BF-D-6		BF-D-7	
		Bedding Fill Discrete 4		Bedding Fill Discrete 5		Bedding Fill Discrete 6		Bedding Fill Discrete 7	
		L1851564-15		L1851564-16		L1851564-17		L1851564-18	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
ORGANOCHLORINE PESTICIDES BY GC									
4,4'-DDD	72-54-8	-		-		-		-	
4,4'-DDE	72-55-9	-		-		-		-	
4,4'-DDT	50-29-3	-		-		-		-	
Aldrin	309-00-2	-		-		-		-	
Alpha-BHC	319-84-6	-		-		-		-	
Beta-BHC	319-85-7	-		-		-		-	
Chlordane	57-74-9	-		-		-		-	
cis-Chlordane	5103-71-9	-		-		-		-	
Delta-BHC	319-86-8	-		-		-		-	
Dieldrin	60-57-1	-		-		-		-	
Endosulfan I	959-98-8	-		-		-		-	
Endosulfan II	33213-65-9	-		-		-		-	
Endosulfan sulfate	1031-07-8	-		-		-		-	
Endrin	72-20-8	-		-		-		-	
Endrin aldehyde	7421-93-4	-		-		-		-	
Endrin ketone	53494-70-5	-		-		-		-	
Heptachlor	76-44-8	-		-		-		-	
Heptachlor epoxide	1024-57-3	-		-		-		-	
Lindane	58-89-9	-		-		-		-	
Methoxychlor	72-43-5	-		-		-		-	
Toxaphene	8001-35-2	-		-		-		-	
trans-Chlordane	5103-74-2	-		-		-		-	
POLYCHLORINATED BIPHENYLS BY GC									
Aroclor 1016	12674-11-2	-		-		-		-	
Aroclor 1221	11104-28-2	-		-		-		-	
Aroclor 1232	11141-16-5	-		-		-		-	
Aroclor 1242	53469-21-9	-		-		-		-	
Aroclor 1248	12672-29-6	-		-		-		-	
Aroclor 1254	11097-69-1	-		-		-		-	
Aroclor 1260	11096-82-5	-		-		-		-	
Aroclor 1262	37324-23-5	-		-		-		-	
Aroclor 1268	11100-14-4	-		-		-		-	
PCBs, Total	1336-36-3	-		-		-		-	
TOTAL METALS									
Aluminum, Total	7429-90-5	-		-		-		-	
Antimony, Total	7440-36-0	-		-		-		-	
Arsenic, Total	7440-38-2	-		-		-		-	
Barium, Total	7440-39-3	-		-		-		-	
Beryllium, Total	7440-41-7	-		-		-		-	
Cadmium, Total	7440-43-9	-		-		-		-	
Calcium, Total	7440-70-2	-		-		-		-	
Chromium, Total	7440-47-3	-		-		-		-	
Cobalt, Total	7440-48-4	-		-		-		-	
Copper, Total	7440-50-8	-		-		-		-	
Iron, Total	7439-89-6	-		-		-		-	
Lead, Total	7439-92-1	-		-		-		-	
Magnesium, Total	7439-95-4	-		-		-		-	
Manganese, Total	7439-96-5	-		-		-		-	
Mercury, Total	7439-97-6	-		-		-		-	
Nickel, Total	7440-02-0	-		-		-		-	
Potassium, Total	7440-09-7	-		-		-		-	
Selenium, Total	7782-49-2	-		-		-		-	
Silver, Total	7440-22-4	-		-		-		-	
Sodium, Total	7440-23-5	-		-		-		-	
Thallium, Total	7440-28-0	-		-		-		-	
Vanadium, Total	7440-62-2	-		-		-		-	
Zinc, Total	7440-66-6	-		-		-		-	
GENERAL CHEMISTRY									
Solids, Total	NONE	91.5	NA	92.3	NA	90.6	NA	92.2	NA
Cyanide, Total	57-12-5	-		-		-		-	

All results are in mg/kg

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	SF-C-1		SF-C-2		SF-D-1		SF-D-2	
		DESCRIPTION	Select Fill Composite 1		Select Fill Composite 2		Select Fill Discrete 1		Select Fill Discrete 2	
		LAB ID:	L1851564-01		L1851564-02		L1851564-03		L1851564-04	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018	
		Part 375 Restricted Residential SCOs								
ANALYTE	CAS	(mg/kg)	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit
VOLATILE ORGANICS BY GC/MS										
1,1,1-Trichloroethane	71-55-6	100	-		-		ND	0.00017	ND	0.00013
1,1,2,2-Tetrachloroethane	79-34-5		-		-		ND	0.00017	ND	0.00013
1,1,2-Trichloroethane	79-00-5		-		-		ND	0.00027	ND	0.00021
1,1-Dichloroethane	75-34-3	26	-		-		ND	0.00015	ND	0.00011
1,1-Dichloroethene	75-35-4	100	-		-		ND	0.00024	ND	0.00018
1,2,3-Trichlorobenzene	87-61-6		-		-		ND	0.00033	ND	0.00025
1,2,4-Trichlorobenzene	120-82-1		-		-		ND	0.00028	ND	0.00021
1,2,4-Trimethylbenzene	95-63-6		-		-		ND	0.00034	ND	0.00026
1,2-Dibromo-3-chloropropane	96-12-8		-		-		ND	0.001	ND	0.00078
1,2-Dibromoethane	106-93-4		-		-		ND	0.00029	ND	0.00022
1,2-Dichlorobenzene	95-50-1	100	-		-		ND	0.00015	ND	0.00011
1,2-Dichloroethane	107-06-2	3.1	-		-		ND	0.00026	ND	0.0002
1,2-Dichloroethene, Total	540-59-0		-		-		ND	0.00014	ND	0.00011
1,2-Dichloropropane	78-87-5		-		-		ND	0.00013	ND	0.0001
1,3,5-Trimethylbenzene	108-67-8		-		-		ND	0.0002	ND	0.00015
1,3-Dichlorobenzene	541-73-1	49	-		-		ND	0.00015	ND	0.00012
1,3-Dichloropropene, Total	542-75-6		-		-		ND	0.00016	ND	0.00012
1,4-Dichlorobenzene	106-46-7	13	-		-		ND	0.00018	ND	0.00013
1,4-Dioxane	123-91-1		-		-		ND	0.036	ND	0.027
2-Butanone	78-93-3	100	-		-		ND	0.0023	ND	0.0017
2-Hexanone	591-78-6		-		-		ND	0.0012	ND	0.00092
4-Methyl-2-pentanone	108-10-1		-		-		ND	0.0013	ND	0.001
Acetone	67-64-1	100	-		-		ND	0.0049	ND	0.0038
Benzene	71-43-2	4.8	-		-		ND	0.00017	ND	0.00013
Bromochloromethane	74-97-5		-		-		ND	0.00021	ND	0.00016
Bromodichloromethane	75-27-4		-		-		ND	0.00011	ND	0.00009
Bromoform	75-25-2		-		-		ND	0.00025	ND	0.00019
Bromomethane	74-83-9		-		-		ND	0.0006	ND	0.00045
Carbon disulfide	75-15-0		-		-		ND	0.0047	ND	0.0035
Carbon tetrachloride	56-23-5	2.4	-		-		ND	0.00024	ND	0.00018
Chlorobenzene	108-90-7	100	-		-		ND	0.00013	ND	0.0001
Chloroethane	75-00-3		-		-		ND	0.00046	ND	0.00035
Chloroform	67-66-3	49	-		-		ND	0.00014	ND	0.00011
Chloromethane	74-87-3		-		-		ND	0.00096	ND	0.00073
cis-1,2-Dichloroethene	156-59-2	100	-		-		ND	0.00018	ND	0.00014
cis-1,3-Dichloropropene	10061-01-5		-		-		ND	0.00016	ND	0.00012
Cyclohexane	110-82-7		-		-		ND	0.00056	ND	0.00042
Dibromochloromethane	124-48-1		-		-		ND	0.00014	ND	0.00011
Dichlorodifluoromethane	75-71-8		-		-		ND	0.00094	ND	0.00071
Ethylbenzene	100-41-4	41	-		-		ND	0.00014	ND	0.00011
Freon-113	76-13-1		-		-		ND	0.00071	ND	0.00054
Isopropylbenzene	98-82-8		-		-		ND	0.00011	ND	0.00009
Methyl Acetate	79-20-9		-		-		ND	0.00098	ND	0.00074
Methyl cyclohexane	108-87-2		-		-		ND	0.00062	ND	0.00047
Methyl tert butyl ether	1634-04-4	100	-		-		ND	0.00021	ND	0.00016
Methylene chloride	75-09-2	100	-		-		ND	0.0024	ND	0.0018
Naphthalene	91-20-3		-		-		ND	0.00067	ND	0.00051
n-Butylbenzene	104-51-8		-		-		ND	0.00017	ND	0.00013
n-Propylbenzene	103-65-1		-		-		ND	0.00018	ND	0.00013
o-Xylene	95-47-6		-		-		ND	0.0003	ND	0.00023
p/m-Xylene	179601-23-1		-		-		ND	0.00058	ND	0.00044
p-Isopropyltoluene	99-87-6		-		-		ND	0.00011	ND	0.00009
sec-Butylbenzene	135-98-8		-		-		ND	0.00015	ND	0.00011
Styrene	100-42-5		-		-		ND	0.0002	ND	0.00015
tert-Butylbenzene	98-06-6		-		-		ND	0.00012	ND	0.00009
Tetrachloroethene	127-18-4	19	-		-		ND	0.0002	ND	0.00015
Toluene	108-88-3	100	-		-		ND	0.00056	0.00057	0.00042
trans-1,2-Dichloroethene	156-60-5	100	-		-		ND	0.00014	ND	0.00011
trans-1,3-Dichloropropene	10061-02-6		-		-		ND	0.00028	ND	0.00021
Trichloroethene	79-01-6	21	-		-		ND	0.00014	ND	0.00011
Trichlorofluoromethane	75-69-4		-		-		ND	0.00071	ND	0.00054
Vinyl chloride	75-01-4	0.9	-		-		ND	0.00034	ND	0.00026
Xylenes, Total	1330-20-7	100	-		-		ND	0.0003	ND	0.00023
Total VOCs			-		-		-		ND	

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	SF-C-1		SF-C-2		SF-D-1		SF-D-2	
		DESCRIPTION	Select Fill Composite 1		Select Fill Composite 2		Select Fill Discrete 1		Select Fill Discrete 2	
		LAB ID:	L1851564-01		L1851564-02		L1851564-03		L1851564-04	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018	
SEMIVOLATILE ORGANICS BY GC/MS										
1,2,4,5-Tetrachlorobenzene	95-94-3		ND	0.018	ND	0.018	-		-	
1,2,4-Trichlorobenzene	120-82-1		ND	0.02	ND	0.02	-		-	
1,2-Dichlorobenzene	95-50-1		ND	0.031	ND	0.031	-		-	
1,3-Dichlorobenzene	541-73-1		ND	0.03	ND	0.03	-		-	
1,4-Dichlorobenzene	106-46-7		ND	0.03	ND	0.03	-		-	
2,4,5-Trichlorophenol	95-95-4		ND	0.033	ND	0.033	-		-	
2,4,6-Trichlorophenol	88-06-2		ND	0.033	ND	0.033	-		-	
2,4-Dichlorophenol	120-83-2		ND	0.028	ND	0.028	-		-	
2,4-Dimethylphenol	105-67-9		ND	0.057	ND	0.057	-		-	
2,4-Dinitrophenol	51-28-5		ND	0.08	ND	0.081	-		-	
2,4-Dinitrotoluene	121-14-2		ND	0.034	ND	0.035	-		-	
2,6-Dinitrotoluene	606-20-2		ND	0.03	ND	0.03	-		-	
2-Chloronaphthalene	91-58-7		ND	0.017	ND	0.017	-		-	
2-Chlorophenol	95-57-8		ND	0.02	ND	0.02	-		-	
2-Methylnaphthalene	91-57-6		ND	0.021	ND	0.021	-		-	
2-Methylphenol	95-48-7	100	ND	0.027	ND	0.027	-		-	
2-Nitroaniline	88-74-4		ND	0.033	ND	0.033	-		-	
2-Nitrophenol	88-75-5		ND	0.065	ND	0.065	-		-	
3,3'-Dichlorobenzidine	91-94-1		ND	0.046	ND	0.046	-		-	
3-Methylphenol/4-Methylphenol	108-39-4	100	ND	0.027	ND	0.027	-		-	
3-Nitroaniline	99-09-2		ND	0.032	ND	0.033	-		-	
4,6-Dinitro-o-cresol	534-52-1		ND	0.083	ND	0.083	-		-	
4-Bromophenyl phenyl ether	101-55-3		ND	0.026	ND	0.026	-		-	
4-Chloroaniline	106-47-8		ND	0.031	ND	0.032	-		-	
4-Chlorophenyl phenyl ether	7005-72-3		ND	0.018	ND	0.018	-		-	
4-Nitroaniline	100-01-6		ND	0.071	ND	0.072	-		-	
4-Nitrophenol	100-02-7		ND	0.07	ND	0.071	-		-	
Acenaphthene	83-32-9	100	ND	0.018	ND	0.018	-		-	
Acenaphthylene	208-96-8	100	ND	0.027	ND	0.027	-		-	
Acetophenone	98-86-2		ND	0.021	ND	0.021	-		-	
Anthracene	120-12-7	100	ND	0.034	ND	0.034	-		-	
Benzo(a)anthracene	56-55-3	1	ND	0.019	ND	0.02	-		-	
Benzo(a)pyrene	50-32-8	1	ND	0.042	ND	0.042	-		-	
Benzo(b)fluoranthene	205-99-2	1	ND	0.029	ND	0.029	-		-	
Benzo(ghi)perylene	191-24-2	100	ND	0.02	ND	0.02	-		-	
Benzo(k)fluoranthene	207-08-9	3.9	ND	0.028	ND	0.028	-		-	
Benzoic Acid	65-85-0		ND	0.17	ND	0.18	-		-	
Benzyl Alcohol	100-51-6		ND	0.053	ND	0.053	-		-	
Biphenyl	92-52-4		ND	0.04	ND	0.04	-		-	
Bis(2-chloroethoxy)methane	111-91-1		ND	0.017	ND	0.017	-		-	
Bis(2-chloroethyl)ether	111-44-4		ND	0.023	ND	0.024	-		-	
Bis(2-chloroisopropyl)ether	108-60-1		ND	0.029	ND	0.03	-		-	
Bis(2-ethylhexyl)phthalate	117-81-7		ND	0.06	ND	0.06	-		-	
Butyl benzyl phthalate	85-68-7		ND	0.043	ND	0.044	-		-	
Carbazole	86-74-8		ND	0.017	ND	0.017	-		-	
Chrysene	218-01-9	3.9	ND	0.018	ND	0.018	-		-	
Dibenzo(a,h)anthracene	53-70-3	0.33	ND	0.02	ND	0.02	-		-	
Dibenzofuran	132-64-9	59	ND	0.016	ND	0.016	-		-	
Diethyl phthalate	84-66-2		ND	0.016	ND	0.016	-		-	
Dimethyl phthalate	131-11-3		ND	0.036	ND	0.036	-		-	
Di-n-butylphthalate	84-74-2		ND	0.033	ND	0.033	-		-	
Di-n-octylphthalate	117-84-0		ND	0.059	ND	0.059	-		-	
Fluoranthene	206-44-0	100	ND	0.02	ND	0.02	-		-	
Fluorene	86-73-7	100	ND	0.017	ND	0.017	-		-	
Hexachlorobenzene	118-74-1	1.2	ND	0.019	ND	0.019	-		-	
Hexachlorobutadiene	87-68-3		ND	0.025	ND	0.025	-		-	
Hexachlorocyclopentadiene	77-47-4		ND	0.16	ND	0.16	-		-	
Hexachloroethane	67-72-1		ND	0.028	ND	0.028	-		-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	ND	0.024	ND	0.024	-		-	
Isophorone	78-59-1		ND	0.022	ND	0.022	-		-	
Naphthalene	91-20-3	100	ND	0.021	ND	0.021	-		-	
NDPA/DPA	86-30-6		ND	0.02	ND	0.02	-		-	
Nitrobenzene	98-95-3		ND	0.026	ND	0.026	-		-	
n-Nitrosodi-n-propylamine	621-64-7		ND	0.027	ND	0.027	-		-	
p-Chloro-m-cresol	59-50-7		ND	0.026	ND	0.026	-		-	
Pentachlorophenol	87-86-5	6.7	ND	0.038	ND	0.038	-		-	
Phenanthrene	85-01-8	100	ND	0.021	ND	0.021	-		-	
Phenol	108-95-2	100	ND	0.026	ND	0.026	-		-	
Pyrene	129-00-0	100	ND	0.017	ND	0.017	-		-	
Total SVOCs			-		-		-		-	
ORGANOCHLORINE PESTICIDES BY GC										
4,4'-DDD	72-54-8	13	ND	0.000573	ND	0.000597	-		-	
4,4'-DDE	72-55-9	8.9	ND	0.000372	ND	0.000387	-		-	
4,4'-DDT	50-29-3	7.9	ND	0.00129	ND	0.00135	-		-	
Aldrin	309-00-2	0.097	ND	0.000566	ND	0.00059	-		-	
Alpha-BHC	319-84-6	0.48	ND	0.00019	ND	0.000198	-		-	
Beta-BHC	319-85-7	0.36	ND	0.000609	ND	0.000635	-		-	
Chlordane	57-74-9		ND	0.00532	ND	0.00555	-		-	
cis-Chlordane	5103-71-9	4.2	ND	0.00056	ND	0.000583	-		-	
Delta-BHC	319-86-8	100	ND	0.000315	ND	0.000328	-		-	
Dieldrin	60-57-1	0.2	ND	0.000502	ND	0.000523	-		-	
Endosulfan I	959-98-8	24	ND	0.00038	ND	0.000396	-		-	
Endosulfan II	33213-65-9	24	ND	0.000537	ND	0.00056	-		-	
Endosulfan sulfate	1031-07-8	24	ND	0.000319	ND	0.000332	-		-	
Endrin	72-20-8	11	ND	0.000274	ND	0.000286	-		-	
Endrin aldehyde	7421-93-4		ND	0.000703	ND	0.000732	-		-	
Endrin ketone	53494-70-5		ND	0.000414	ND	0.000431	-		-	
Heptachlor	76-44-8	2.1	ND	0.00036	ND	0.000375	-		-	
Heptachlor epoxide	1024-57-3		ND	0.000904	ND	0.000942	-		-	
Lindane	58-89-9	1.3	ND	0.000299	ND	0.000312	-		-	
Methoxychlor	72-43-5		ND	0.000937	ND	0.000977	-		-	
Toxaphene	8001-35-2		ND	0.00844	ND	0.00879	-		-	
trans-Chlordane	5103-74-2		ND	0.00053	ND	0.000552	-		-	

TABLE 5. Backfill Sample Results.

		SAMPLE ID:	SF-C-1		SF-C-2		SF-D-1		SF-D-2	
		DESCRIPTION	Select Fill Composite 1		Select Fill Composite 2		Select Fill Discrete 1		Select Fill Discrete 2	
		LAB ID:	L1851564-01		L1851564-02		L1851564-03		L1851564-04	
		COLLECTION DATE:	12/14/2018		12/14/2018		12/14/2018		12/14/2018	
POLYCHLORINATED BIPHENYLS BY GC						0				
Aroclor 1016	12674-11-2	1	ND	0.00306	ND	0.00302	-		-	
Aroclor 1221	11104-28-2	1	ND	0.00346	ND	0.0034	-		-	
Aroclor 1232	11141-16-5	1	ND	0.00732	ND	0.0072	-		-	
Aroclor 1242	53469-21-9	1	ND	0.00465	ND	0.00458	-		-	
Aroclor 1248	12672-29-6	1	ND	0.00518	ND	0.0051	-		-	
Aroclor 1254	11097-69-1	1	ND	0.00378	ND	0.00372	-		-	
Aroclor 1260	11096-82-5	1	ND	0.00638	ND	0.00628	-		-	
Aroclor 1262	37324-23-5	1	ND	0.00438	ND	0.00432	-		-	
Aroclor 1268	11100-14-4	1	ND	0.00358	ND	0.00352	-		-	
PCBs, Total	1336-36-3	1	ND	0.00306	ND	0.00302	-		-	
TOTAL METALS						0				
Aluminum, Total	7429-90-5		8610	2.27	7630	2.23	-		-	
Antimony, Total	7440-36-0		ND	0.319	ND	0.314	-		-	
Arsenic, Total	7440-38-2	16	5.43	0.175	5.8	0.172	-		-	
Barium, Total	7440-39-3	400	57.5	0.146	77.2	0.144	-		-	
Beryllium, Total	7440-41-7	72	0.387	0.028	0.405	0.027	-		-	
Cadmium, Total	7440-43-9	4.3	ND	0.082	ND	0.081	-		-	
Calcium, Total	7440-70-2		5060	2.94	8200	2.89	-		-	
Chromium, Total	7440-47-3	110	11.3	0.081	11.1	0.079	-		-	
Cobalt, Total	7440-48-4		8.07	0.14	8.11	0.137	-		-	
Copper, Total	7440-50-8	270	22.6	0.217	23.6	0.213	-		-	
Iron, Total	7439-89-6		21100	0.759	18400	0.746	-		-	
Lead, Total	7439-92-1	400	8.74	0.225	8.73	0.221	-		-	
Magnesium, Total	7439-95-4		4730	1.29	5160	1.27	-		-	
Manganese, Total	7439-96-5	2000	474	0.134	586	0.131	-		-	
Mercury, Total	7439-97-6	0.81	ND	0.014	ND	0.014	-		-	
Nickel, Total	7440-02-0	310	17.6	0.203	18.1	0.2	-		-	
Potassium, Total	7440-09-7		440	12.1	426	11.9	-		-	
Selenium, Total	7782-49-2	180	0.37	0.217	ND	0.213	-		-	
Silver, Total	7440-22-4	180	ND	0.238	ND	0.234	-		-	
Sodium, Total	7440-23-5		28.5	2.65	29.6	2.6	-		-	
Thallium, Total	7440-28-0		ND	0.265	ND	0.26	-		-	
Vanadium, Total	7440-62-2		12.2	0.171	12.1	0.168	-		-	
Zinc, Total	7440-66-6	10000	56.8	0.246	56.2	0.242	-		-	
GENERAL CHEMISTRY										
Solids, Total	NONE		94.1	NA	94.3	NA	94.3	NA	94.4	NA
Cyanide, Total	57-12-5		ND	0.21	ND	0.21	-		-	

All results are in mg/kg

TABLE 5. Backfill Sample Results.

		SF-D-3		SF-D-4		SF-D-5		SF-D-6		SF-D-7	
		Select Fill Discrete 3		Select Fill Discrete 4		Select Fill Discrete 5		Select Fill Discrete 6		Select Fill Discrete 7	
		L1851564-05		L1851564-06		L1851564-07		L1851564-08		L1851564-09	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
ANALYTE	CAS	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit	Conc	Detection limit
VOLATILE ORGANICS BY GC/MS											
1,1,1-Trichloroethane	71-55-6	ND	0.00017	ND	0.00016	ND	0.00023	ND	0.00015	ND	0.00021
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.00016	ND	0.00016	ND	0.00022	ND	0.00015	ND	0.0002
1,1,2-Trichloroethane	79-00-5	ND	0.00027	ND	0.00026	ND	0.00036	ND	0.00024	ND	0.00033
1,1-Dichloroethane	75-34-3	ND	0.00014	ND	0.00014	ND	0.0002	ND	0.00013	ND	0.00018
1,1-Dichloroethene	75-35-4	ND	0.00024	ND	0.00023	ND	0.00032	ND	0.00021	ND	0.00029
1,2,3-Trichlorobenzene	87-61-6	ND	0.00032	ND	0.00031	ND	0.00044	ND	0.00028	ND	0.0004
1,2,4-Trichlorobenzene	120-82-1	ND	0.00027	ND	0.00026	ND	0.00037	ND	0.00024	ND	0.00034
1,2,4-Trimethylbenzene	95-63-6	ND	0.00033	ND	0.00032	ND	0.00045	ND	0.0003	ND	0.00041
1,2-Dibromo-3-chloropropane	96-12-8	ND	0.001	ND	0.00096	ND	0.0014	ND	0.00088	ND	0.0012
1,2-Dibromoethane	106-93-4	ND	0.00028	ND	0.00027	ND	0.00038	ND	0.00025	ND	0.00034
1,2-Dichlorobenzene	95-50-1	ND	0.00014	ND	0.00014	ND	0.00019	ND	0.00013	ND	0.00018
1,2-Dichloroethane	107-06-2	ND	0.00026	ND	0.00025	ND	0.00035	ND	0.00023	ND	0.00032
1,2-Dichloroethene, Total	540-59-0	ND	0.00014	ND	0.00013	ND	0.00018	ND	0.00012	ND	0.00017
1,2-Dichloropropane	78-87-5	ND	0.00012	ND	0.00012	ND	0.00017	ND	0.00011	ND	0.00015
1,3,5-Trimethylbenzene	108-67-8	ND	0.00019	ND	0.00018	ND	0.00026	ND	0.00017	ND	0.00024
1,3-Dichlorobenzene	541-73-1	ND	0.00015	ND	0.00014	ND	0.0002	ND	0.00013	ND	0.00018
1,3-Dichloropropene, Total	542-75-6	ND	0.00016	ND	0.00015	ND	0.00021	ND	0.00014	ND	0.0002
1,4-Dichlorobenzene	106-46-7	ND	0.00017	ND	0.00016	ND	0.00023	ND	0.00015	ND	0.00021
1,4-Dioxane	123-91-1	ND	0.035	ND	0.034	ND	0.048	ND	0.031	ND	0.043
2-Butanone	78-93-3	ND	0.0022	ND	0.0021	ND	0.003	ND	0.002	ND	0.0027
2-Hexanone	591-78-6	ND	0.0012	ND	0.0011	ND	0.0016	ND	0.001	ND	0.0014
4-Methyl-2-pentanone	108-10-1	ND	0.0013	ND	0.0012	ND	0.0017	ND	0.0011	ND	0.0016
Acetone	67-64-1	0.006	0.0048	ND	0.0046	0.0073	0.0065	ND	0.0042	ND	0.0059
Benzene	71-43-2	ND	0.00016	ND	0.00016	ND	0.00022	ND	0.00015	ND	0.0002
Bromochloromethane	74-97-5	ND	0.0002	ND	0.0002	ND	0.00028	ND	0.00018	ND	0.00025
Bromodichloromethane	75-27-4	ND	0.00011	ND	0.0001	ND	0.00015	ND	0.0001	ND	0.00013
Bromoform	75-25-2	ND	0.00024	ND	0.00024	ND	0.00033	ND	0.00022	ND	0.0003
Bromomethane	74-83-9	ND	0.00058	ND	0.00056	ND	0.00079	ND	0.00051	ND	0.00072
Carbon disulfide	75-15-0	ND	0.0045	ND	0.0044	ND	0.0062	ND	0.004	ND	0.0056
Carbon tetrachloride	56-23-5	ND	0.00023	ND	0.00022	ND	0.00031	ND	0.0002	ND	0.00028
Chlorobenzene	108-90-7	ND	0.00013	ND	0.00012	ND	0.00017	ND	0.00011	ND	0.00016
Chloroethane	75-00-3	ND	0.00045	ND	0.00043	ND	0.00061	ND	0.0004	ND	0.00056
Chloroform	67-66-3	ND	0.00014	ND	0.00013	ND	0.00019	ND	0.00012	ND	0.00017
Chloromethane	74-87-3	ND	0.00093	ND	0.0009	ND	0.0013	ND	0.00082	ND	0.0012
cis-1,2-Dichloroethene	156-59-2	ND	0.00017	ND	0.00017	ND	0.00024	ND	0.00015	ND	0.00022
cis-1,3-Dichloropropene	10061-01-5	ND	0.00016	ND	0.00015	ND	0.00021	ND	0.00014	ND	0.0002
Cyclohexane	110-82-7	ND	0.00054	ND	0.00052	ND	0.00074	ND	0.00048	ND	0.00067
Dibromochloromethane	124-48-1	ND	0.00014	ND	0.00013	ND	0.00019	ND	0.00012	ND	0.00017
Dichlorodifluoromethane	75-71-8	ND	0.00091	ND	0.00088	ND	0.0012	ND	0.00081	ND	0.0011
Ethylbenzene	100-41-4	ND	0.00014	ND	0.00014	ND	0.00019	ND	0.00012	ND	0.00017
Freon-113	76-13-1	ND	0.00069	ND	0.00066	ND	0.00094	ND	0.00061	ND	0.00086
Isopropylbenzene	98-82-8	ND	0.00011	ND	0.0001	ND	0.00015	ND	0.0001	ND	0.00013
Methyl Acetate	79-20-9	ND	0.00095	ND	0.00091	ND	0.0013	ND	0.00084	ND	0.0012
Methyl cyclohexane	108-87-2	ND	0.0006	ND	0.00058	ND	0.00082	ND	0.00053	ND	0.00074
Methyl tert butyl ether	1634-04-4	ND	0.0002	ND	0.00019	ND	0.00027	ND	0.00018	ND	0.00025
Methylene chloride	75-09-2	ND	0.0023	ND	0.0022	ND	0.0031	ND	0.002	ND	0.0028
Naphthalene	91-20-3	ND	0.00065	ND	0.00062	ND	0.00088	ND	0.00057	ND	0.0008
n-Butylbenzene	104-51-8	ND	0.00017	ND	0.00016	ND	0.00023	ND	0.00015	ND	0.00021
n-Propylbenzene	103-65-1	ND	0.00017	ND	0.00016	ND	0.00023	ND	0.00015	ND	0.00021
o-Xylene	95-47-6	ND	0.00029	ND	0.00028	ND	0.00039	ND	0.00026	ND	0.00036
p/m-Xylene	179601-23-1	ND	0.00056	ND	0.00054	ND	0.00076	ND	0.00049	ND	0.00069
p-Isopropyltoluene	99-87-6	ND	0.00011	ND	0.0001	ND	0.00015	ND	0.0001	ND	0.00013
sec-Butylbenzene	135-98-8	ND	0.00014	ND	0.00014	ND	0.0002	ND	0.00013	ND	0.00018
Styrene	100-42-5	ND	0.0002	ND	0.00019	ND	0.00026	ND	0.00017	ND	0.00024
tert-Butylbenzene	98-06-6	ND	0.00012	ND	0.00011	ND	0.00016	ND	0.0001	ND	0.00014
Tetrachloroethene	127-18-4	ND	0.0002	ND	0.00019	ND	0.00026	ND	0.00017	ND	0.00024
Toluene	108-88-3	ND	0.00054	ND	0.00052	ND	0.00074	ND	0.00048	ND	0.00067
trans-1,2-Dichloroethene	156-60-5	ND	0.00014	ND	0.00013	ND	0.00018	ND	0.00012	ND	0.00017
trans-1,3-Dichloropropene	10061-02-6	ND	0.00027	ND	0.00026	ND	0.00037	ND	0.00024	ND	0.00034
Trichloroethene	79-01-6	ND	0.00014	ND	0.00013	ND	0.00018	ND	0.00012	ND	0.00017
Trichlorofluoromethane	75-69-4	ND	0.00069	ND	0.00067	ND	0.00094	ND	0.00061	ND	0.00086
Vinyl chloride	75-01-4	ND	0.00033	ND	0.00032	ND	0.00045	ND	0.0003	ND	0.00041
Xylenes, Total	1330-20-7	ND	0.00029	ND	0.00028	ND	0.00039	ND	0.00026	ND	0.00036
Total VOCs		ND		-		ND		-		-	

TABLE 5. Backfill Sample Results.

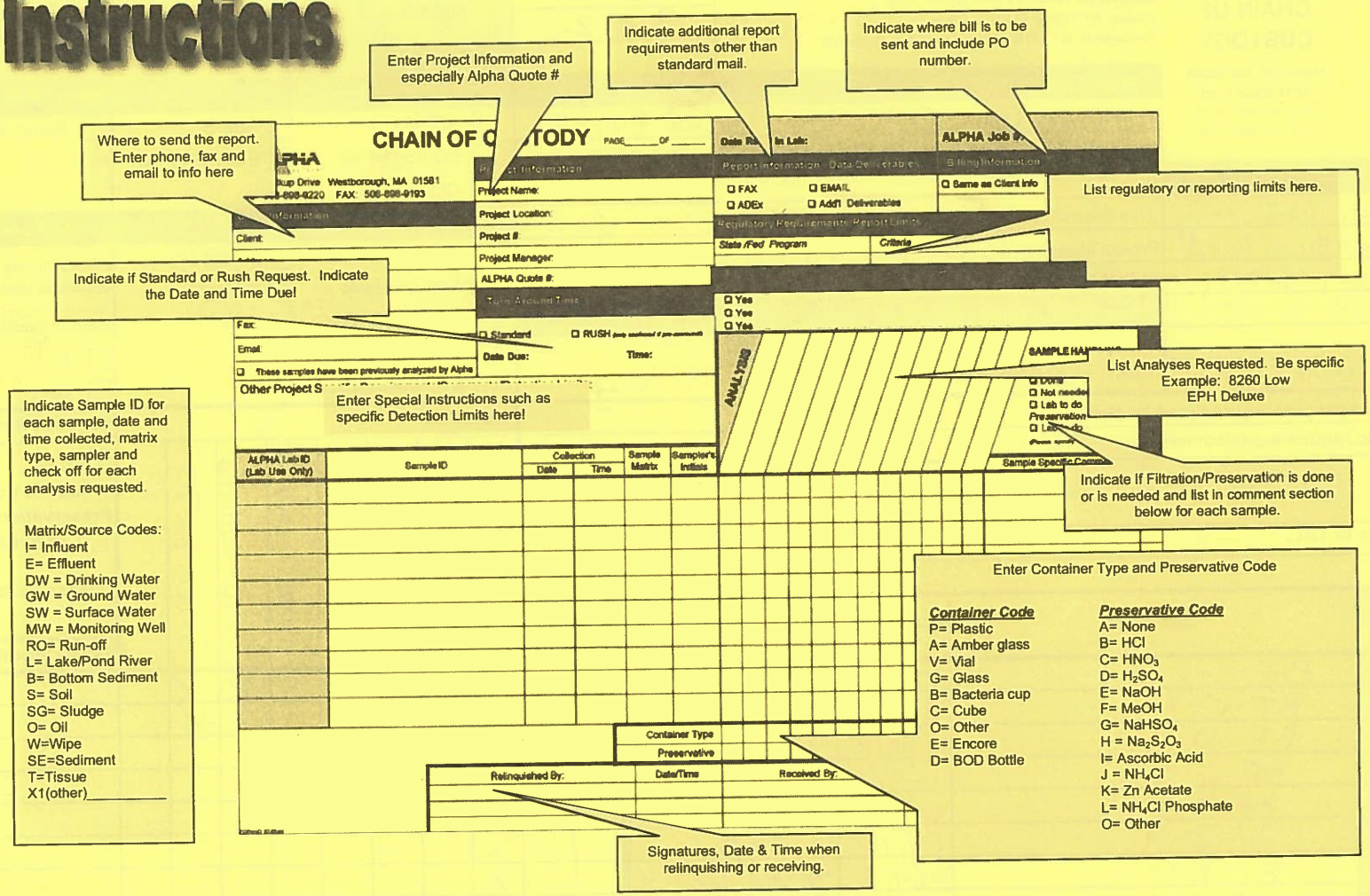
		SF-D-3		SF-D-4		SF-D-5		SF-D-6		SF-D-7	
		Select Fill Discrete 3		Select Fill Discrete 4		Select Fill Discrete 5		Select Fill Discrete 6		Select Fill Discrete 7	
		L1851564-05		L1851564-06		L1851564-07		L1851564-08		L1851564-09	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
SEMIVOLATILE ORGANICS BY GC/MS											
1,2,4,5-Tetrachlorobenzene	95-94-3	-		-		-		-		-	
1,2,4-Trichlorobenzene	120-82-1	-		-		-		-		-	
1,2-Dichlorobenzene	95-50-1	-		-		-		-		-	
1,3-Dichlorobenzene	541-73-1	-		-		-		-		-	
1,4-Dichlorobenzene	106-46-7	-		-		-		-		-	
2,4,5-Trichlorophenol	95-95-4	-		-		-		-		-	
2,4,6-Trichlorophenol	88-06-2	-		-		-		-		-	
2,4-Dichlorophenol	120-83-2	-		-		-		-		-	
2,4-Dimethylphenol	105-67-9	-		-		-		-		-	
2,4-Dinitrophenol	51-28-5	-		-		-		-		-	
2,4-Dinitrotoluene	121-14-2	-		-		-		-		-	
2,6-Dinitrotoluene	606-20-2	-		-		-		-		-	
2-Chloronaphthalene	91-58-7	-		-		-		-		-	
2-Chlorophenol	95-57-8	-		-		-		-		-	
2-Methylnaphthalene	91-57-6	-		-		-		-		-	
2-Methylphenol	95-48-7	-		-		-		-		-	
2-Nitroaniline	88-74-4	-		-		-		-		-	
2-Nitrophenol	88-75-5	-		-		-		-		-	
3,3'-Dichlorobenzidine	91-94-1	-		-		-		-		-	
3-Methylphenol/4-Methylphenol	108-39-4	-		-		-		-		-	
3-Nitroaniline	99-09-2	-		-		-		-		-	
4,6-Dinitro-o-cresol	534-52-1	-		-		-		-		-	
4-Bromophenyl phenyl ether	101-55-3	-		-		-		-		-	
4-Chloroaniline	106-47-8	-		-		-		-		-	
4-Chlorophenyl phenyl ether	7005-72-3	-		-		-		-		-	
4-Nitroaniline	100-01-6	-		-		-		-		-	
4-Nitrophenol	100-02-7	-		-		-		-		-	
Acenaphthene	83-32-9	-		-		-		-		-	
Acenaphthylene	208-96-8	-		-		-		-		-	
Acetophenone	98-86-2	-		-		-		-		-	
Anthracene	120-12-7	-		-		-		-		-	
Benzo(a)anthracene	56-55-3	-		-		-		-		-	
Benzo(a)pyrene	50-32-8	-		-		-		-		-	
Benzo(b)fluoranthene	205-99-2	-		-		-		-		-	
Benzo(ghi)perylene	191-24-2	-		-		-		-		-	
Benzo(k)fluoranthene	207-08-9	-		-		-		-		-	
Benzoic Acid	65-85-0	-		-		-		-		-	
Benzyl Alcohol	100-51-6	-		-		-		-		-	
Biphenyl	92-52-4	-		-		-		-		-	
Bis(2-chloroethoxy)methane	111-91-1	-		-		-		-		-	
Bis(2-chloroethyl)ether	111-44-4	-		-		-		-		-	
Bis(2-chloroisopropyl)ether	108-60-1	-		-		-		-		-	
Bis(2-ethylhexyl)phthalate	117-81-7	-		-		-		-		-	
Butyl benzyl phthalate	85-68-7	-		-		-		-		-	
Carbazole	86-74-8	-		-		-		-		-	
Chrysene	218-01-9	-		-		-		-		-	
Dibenzo(a,h)anthracene	53-70-3	-		-		-		-		-	
Dibenzofuran	132-64-9	-		-		-		-		-	
Diethyl phthalate	84-66-2	-		-		-		-		-	
Dimethyl phthalate	131-11-3	-		-		-		-		-	
Di-n-butylphthalate	84-74-2	-		-		-		-		-	
Di-n-octylphthalate	117-84-0	-		-		-		-		-	
Fluoranthene	206-44-0	-		-		-		-		-	
Fluorene	86-73-7	-		-		-		-		-	
Hexachlorobenzene	118-74-1	-		-		-		-		-	
Hexachlorobutadiene	87-68-3	-		-		-		-		-	
Hexachlorocyclopentadiene	77-47-4	-		-		-		-		-	
Hexachloroethane	67-72-1	-		-		-		-		-	
Indeno(1,2,3-cd)pyrene	193-39-5	-		-		-		-		-	
Isophorone	78-59-1	-		-		-		-		-	
Naphthalene	91-20-3	-		-		-		-		-	
NDPA/DPA	86-30-6	-		-		-		-		-	
Nitrobenzene	98-95-3	-		-		-		-		-	
n-Nitrosodi-n-propylamine	621-64-7	-		-		-		-		-	
p-Chloro-m-cresol	59-50-7	-		-		-		-		-	
Pentachlorophenol	87-86-5	-		-		-		-		-	
Phenanthrene	85-01-8	-		-		-		-		-	
Phenol	108-95-2	-		-		-		-		-	
Pyrene	129-00-0	-		-		-		-		-	
Total SVOCs		-		-		-		-		-	
ORGANOCHLORINE PESTICIDES BY GC											
4,4'-DDD	72-54-8	-		-		-		-		-	
4,4'-DDE	72-55-9	-		-		-		-		-	
4,4'-DDT	50-29-3	-		-		-		-		-	
Aldrin	309-00-2	-		-		-		-		-	
Alpha-BHC	319-84-6	-		-		-		-		-	
Beta-BHC	319-85-7	-		-		-		-		-	
Chlordane	57-74-9	-		-		-		-		-	
cis-Chlordane	5103-71-9	-		-		-		-		-	
Delta-BHC	319-86-8	-		-		-		-		-	
Dieldrin	60-57-1	-		-		-		-		-	
Endosulfan I	959-98-8	-		-		-		-		-	
Endosulfan II	33213-65-9	-		-		-		-		-	
Endosulfan sulfate	1031-07-8	-		-		-		-		-	
Endrin	72-20-8	-		-		-		-		-	
Endrin aldehyde	7421-93-4	-		-		-		-		-	
Endrin ketone	53494-70-5	-		-		-		-		-	
Heptachlor	76-44-8	-		-		-		-		-	
Heptachlor epoxide	1024-57-3	-		-		-		-		-	
Lindane	58-89-9	-		-		-		-		-	
Methoxychlor	72-43-5	-		-		-		-		-	
Toxaphene	8001-35-2	-		-		-		-		-	
trans-Chlordane	5103-74-2	-		-		-		-		-	

TABLE 5. Backfill Sample Results.

		SF-D-3		SF-D-4		SF-D-5		SF-D-6		SF-D-7	
		Select Fill Discrete 3		Select Fill Discrete 4		Select Fill Discrete 5		Select Fill Discrete 6		Select Fill Discrete 7	
		L1851564-05		L1851564-06		L1851564-07		L1851564-08		L1851564-09	
		12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
POLYCHLORINATED BIPHENYLS BY GC											
Aroclor 1016	12674-11-2	-		-		-		-		-	
Aroclor 1221	11104-28-2	-		-		-		-		-	
Aroclor 1232	11141-16-5	-		-		-		-		-	
Aroclor 1242	53469-21-9	-		-		-		-		-	
Aroclor 1248	12672-29-6	-		-		-		-		-	
Aroclor 1254	11097-69-1	-		-		-		-		-	
Aroclor 1260	11096-82-5	-		-		-		-		-	
Aroclor 1262	37324-23-5	-		-		-		-		-	
Aroclor 1268	11100-14-4	-		-		-		-		-	
PCBs, Total	1336-36-3	-		-		-		-		-	
TOTAL METALS											
Aluminum, Total	7429-90-5	-		-		-		-		-	
Antimony, Total	7440-36-0	-		-		-		-		-	
Arsenic, Total	7440-38-2	-		-		-		-		-	
Barium, Total	7440-39-3	-		-		-		-		-	
Beryllium, Total	7440-41-7	-		-		-		-		-	
Cadmium, Total	7440-43-9	-		-		-		-		-	
Calcium, Total	7440-70-2	-		-		-		-		-	
Chromium, Total	7440-47-3	-		-		-		-		-	
Cobalt, Total	7440-48-4	-		-		-		-		-	
Copper, Total	7440-50-8	-		-		-		-		-	
Iron, Total	7439-89-6	-		-		-		-		-	
Lead, Total	7439-92-1	-		-		-		-		-	
Magnesium, Total	7439-95-4	-		-		-		-		-	
Manganese, Total	7439-96-5	-		-		-		-		-	
Mercury, Total	7439-97-6	-		-		-		-		-	
Nickel, Total	7440-02-0	-		-		-		-		-	
Potassium, Total	7440-09-7	-		-		-		-		-	
Selenium, Total	7782-49-2	-		-		-		-		-	
Silver, Total	7440-22-4	-		-		-		-		-	
Sodium, Total	7440-23-5	-		-		-		-		-	
Thallium, Total	7440-28-0	-		-		-		-		-	
Vanadium, Total	7440-62-2	-		-		-		-		-	
Zinc, Total	7440-66-6	-		-		-		-		-	
GENERAL CHEMISTRY											
Solids, Total	NONE	93.7	NA	93.1	NA	86.3	NA	94	NA	93.6	NA
Cyanide, Total	57-12-5	-		-		-		-		-	

All results are in mg/kg

Instructions



Terms & Conditions: In the absence of a written agreement to the contrary, this order constitutes an acceptance by the Client of Alpha Analytical, Inc. (ALPHA)'s offer to do business under these Terms and Conditions, and agrees to be bound by these conditions. Any terms and conditions from Client's that do not conform to the terms and conditions contained herein shall be deemed invalid and unenforceable, unless accepted in writing by ALPHA. This order shall not be valid unless it contains sufficient specifications to enable ALPHA to carry out the Client's requirements. Samples must be accompanied by: a) adequate instruction as to the quantity and type of analysis requested, and b) reporting and billing address information. Upon timely delivery of samples, ALPHA will use its best efforts to meet mutually agreed turnaround times, calculated from the point in time when ALPHA has determined that it can proceed with the defined work to be done (Sample Delivery Acceptance). ALPHA reserves the right, to refuse or revoke Sample Delivery Acceptance for any sample which in the sole judgment of ALPHA: a) is unsuitable volume; b) may pose a risk or become unsuitable for handling, transport or processing for any health , safety, environmental or any other reason; c) holding times cannot be met.

Client agrees to pay for all applicable charges to process this order. Payment in advance is required for all Clients except those whose credit has been established with ALPHA. For Clients with approved credit, payment terms are Net 30 days from the date of the invoice by ALPHA. All overdue payments are subject to an interest and service charge of one and one half percent (1.5%) (Or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. ALPHA may suspend work and withhold delivery of data under this order at any time in the event that the Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. Data or information provided to ALPHA or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by ALPHA of payment for the entire Order.

In no event shall ALPHA have any responsibility or liability to the Client for any failure or delay in performance by ALPHA which results, directly or indirectly in whole or in part, from any cause or circumstance beyond the reasonable control of ALPHA.

ALPHA shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or return such samples to the Client. The return of samples will be at the Client's own expense.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 2 of 2

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospecengineering.com

Project Information
Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Benita Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

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

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Category A deliverable

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	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total Cyanide	Total solids	SVOCs 8270	Total Bottle	Sample Specific Comments
	BF-C-1	12/14/18	9:44AM	SO	RF		X	X	X	X	X	X		
	BF-C-2	12/14/18	9:44AM				X	X	X	X	X	X		
	BF-D-1	12/14/18	9:25AM			X								
	BF-D-2	12/14/18	9:25AM			X								
	BF-D-3	12/14/18	9:25AM			X								
	BF-D-4	12/14/18	9:25AM			X								
	BF-D-5	12/14/18	9:28AM			X								
	BF-D-6	12/14/18	9:28AM			X								
	BF-D-7	12/14/18	9:28AM			X								

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10		12-14-18 11:10

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)

From:	Rachel Farnum
To:	"Barraza, Alicia A (DEC)"; Komoroske, Michael (DEC)
Cc:	Gianna Aiezza
Subject:	Imported Material Requests
Date:	Wednesday, December 19, 2018 2:26:00 PM
Attachments:	Imported Material Form_Fane Select Fill.pdf Imported Material Form_Fane Bedding Fill.pdf Soil Summary Table_Fane Wynantskill Bedding Fill.xls Soil Summary Table_Fane Wynantskill Select Fill.xls

---

I have two more imported material requests, these are from Fane's facility in Wynantskill. They would not pass the sieve analysis, so sample results are attached for each of the materials (bedding fill and select fill). Please let us know if you need additional information. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From:	Barraza, Alicia A (DEC)
To:	Rachel Farnum; Komoroske, Michael (DEC)
Cc:	Gianna Aiezza
Subject:	RE: Imported Material Requests
Date:	Wednesday, January 2, 2019 3:25:29 PM
Attachments:	image001.png image002.png

Rachel-
This material is approved for site use in the soil cover and/or as backfill.
In the future, please submit a written request to reduce the number of collected samples, prior to the samples being collected and analyzed. Let me know if you have any questions. Thanks.

Alicia Barraza
Project Manager, Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9690 | alicia.barraza@dec.ny.gov
www.dec.ny.gov | | |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, December 19, 2018 2:27 PM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Cc: gaiezza@envirospeceng.com
Subject: Imported Material Requests

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

I have two more imported material requests, these are from Fane's facility in Wynantskill. They would not pass the sieve analysis, so sample results are attached for each of the materials (bedding fill and select fill). Please let us know if you need additional information. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer
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Albany, NY 12204
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C (518) 491-6798
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NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab

ALPHA Job #

Client Information

Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospec.com

Project Information

Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pirnelli
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

Deliverables

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

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

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:

Category A deliverables

Please specify Metals or TAL.

ANALYSIS

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	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total cyanide	Total Solids	SVOCs 8270	Total Bottle	Sample Specific Comments
	SF-C-1	12/14/18	9:00AM	SO	RF		X	X	X	X	X	X		
	SF-C-2	12/14/18	9:10AM	SO			X	X	X	X	X	X		
	SF-D-1	12/14/18	9:33AM			X								
	SF-D-2	12/14/18	9:39AM			X								
	SF-D-3	12/14/18	9:35AM			X								
	SF-D-4	12/14/18	9:22AM			X								
	SF-D-5	12/14/18	9:41AM			X								
	SF-D-6	12/14/18	9:20AM			X								
	SF-D-7	12/14/18	9:37AM			X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

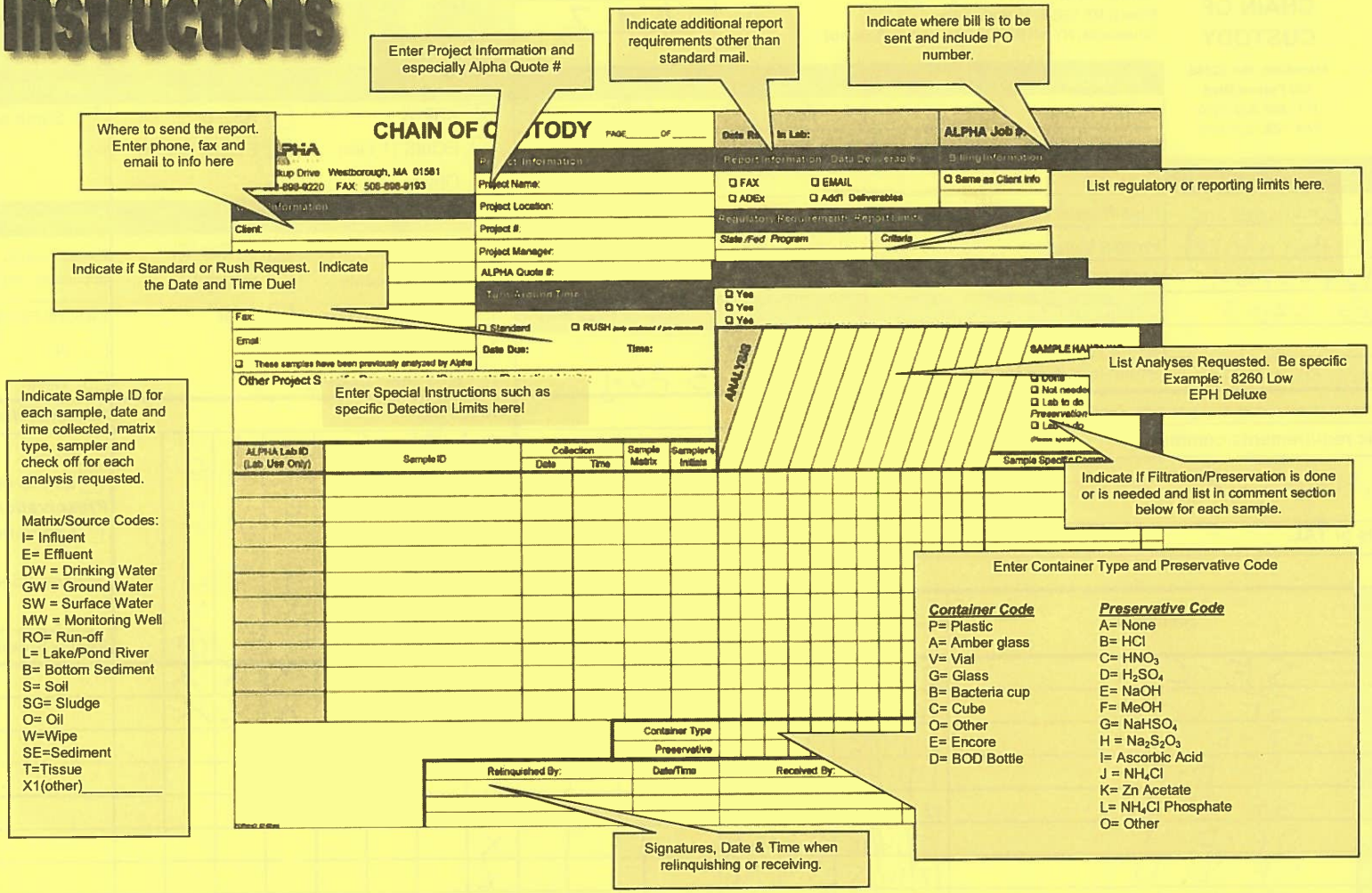
Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10	Kilmer Hanes AAL	12-14-18 11:10

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)

Instructions



Terms & Conditions: In the absence of a written agreement to the contrary, this order constitutes an acceptance by the Client of Alpha Analytical, Inc. (ALPHA)'s offer to do business under these Terms and Conditions, and agrees to be bound by these conditions. Any terms and conditions from Client's that do not conform to the terms and conditions contained herein shall be deemed invalid and unenforceable, unless accepted in writing by ALPHA. This order shall not be valid unless it contains sufficient specifications to enable ALPHA to carry out the Client's requirements. Samples must be accompanied by: a) adequate instruction as to the quantity and type of analysis requested, and b) reporting and billing address information. Upon timely delivery of samples, ALPHA will use its best efforts to meet mutually agreed turnaround times, calculated from the point in time when ALPHA has determined that it can proceed with the defined work to be done (Sample Delivery Acceptance). ALPHA reserves the right, to refuse or revoke Sample Delivery Acceptance for any sample which in the sole judgment of ALPHA: a) is unsuitable volume; b) may pose a risk or become unsuitable for handling, transport or processing for any health , safety, environmental or any other reason; c) holding times cannot be met.

Client agrees to pay for all applicable charges to process this order. Payment in advance is required for all Clients except those whose credit has been established with ALPHA. For Clients with approved credit, payment terms are Net 30 days from the date of the invoice by ALPHA. All overdue payments are subject to an interest and service charge of one and one half percent (1.5%) (Or the maximum rate permissible by law, whichever is lesser) per month or portion thereof from the due date until the date of payment. ALPHA may suspend work and withhold delivery of data under this order at any time in the event that the Client fails to make timely payment of its invoices. Client shall be responsible for all costs and expenses of collection including reasonable attorney's fees. Data or information provided to ALPHA or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by ALPHA of payment for the entire Order.

In no event shall ALPHA have any responsibility or liability to the Client for any failure or delay in performance by ALPHA which results, directly or indirectly in whole or in part, from any cause or circumstance beyond the reasonable control of ALPHA.

ALPHA shall dispose of the Client's samples 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or return such samples to the Client. The return of samples will be at the Client's own expense.

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L1851564

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Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1851564-01	SF-C-1	SOIL	WYNANTSKILL, NY	12/14/18 09:00	12/14/18
L1851564-02	SF-C-2	SOIL	WYNANTSKILL, NY	12/14/18 09:10	12/14/18
L1851564-03	SF-D-1	SOIL	WYNANTSKILL, NY	12/14/18 09:33	12/14/18
L1851564-04	SF-D-2	SOIL	WYNANTSKILL, NY	12/14/18 09:39	12/14/18
L1851564-05	SF-D-3	SOIL	WYNANTSKILL, NY	12/14/18 09:35	12/14/18
L1851564-06	SF-D-4	SOIL	WYNANTSKILL, NY	12/14/18 09:22	12/14/18
L1851564-07	SF-D-5	SOIL	WYNANTSKILL, NY	12/14/18 09:41	12/14/18
L1851564-08	SF-D-6	SOIL	WYNANTSKILL, NY	12/14/18 09:20	12/14/18
L1851564-09	SF-D-7	SOIL	WYNANTSKILL, NY	12/14/18 09:37	12/14/18
L1851564-10	BF-C-1	SOIL	WYNANTSKILL, NY	12/14/18 09:44	12/14/18
L1851564-11	BF-C-2	SOIL	WYNANTSKILL, NY	12/14/18 09:44	12/14/18
L1851564-12	BF-D-1	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-13	BF-D-2	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-14	BF-D-3	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-15	BF-D-4	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-16	BF-D-5	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18
L1851564-17	BF-D-6	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18
L1851564-18	BF-D-7	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18

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.

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.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L1851564-01, -02, -10 and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1190473-1 Method Blank, associated with L1851564-01, -02, -10, and -11, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

Cyanide, Total

The WG1190050-2 LCS recovery (41%), associated with L1851564-01, -02, -10, and -11, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1190050-2/-3 LCS/LCSD RPD (67%), associated with L1851564-01, -02, -10, and -11, is above the acceptance criteria.

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: Melissa Cripps Melissa Cripps Report Date: 12/19/18

Title: Technical Director/Representative

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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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.

Report Format: DU Report with 'J' Qualifiers

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 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

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 5975MSD (or equivalent)	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics in Air Instruments

Volatile Organics in Air:
Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.52 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul
Column Type: Restek RTX-5MS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Herbicides

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-1701	df: 0.25
Column B: Restek RTX-5	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

EPH

Instrument: Agilent 6890N w/FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (ECD):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L1851564

Received : 14-DEC-2018
Reviewer : Richard Scott

Account Name : Envirospec Engineering, PLLC
Project Number :
Project Name : FANE SOILS GREEN ISLAND PROJ.

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice Packs	4.5	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **YES**
L1851564-03A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-04A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-05A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-06A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-07A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-08A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-09A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-12A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-13A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-14A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-15A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-17A (NYTCL-8260-R2) was received in inappropriate container.
L1851564-18A (NYTCL-8260-R2) was received in inappropriate container.

4) Are there any discrepancies between sample labels & COC? **NO**

5) Are samples in appropriate containers for requested analysis? **NO**
Please refer to information noted in Question 3 above.

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

Sample Delivery Group Summary

Alpha Job Number : L1851564
Received : 14-DEC-2018
Reviewer : Richard Scott

Account Name : Envirospec Engineering, PLLC
Project Number :
Project Name : FANE SOILS GREEN ISLAND PROJ.

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Dec 19 2018, 12:27 pm

Login Number: L1851564
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 14DEC18 Due Date: 19DEC18

Sample #	Client ID	Mat	PR	Collected
L1851564-01	SF-C-1	3	1C	14DEC18 09:00
| ASP-A Package Due Date: 12/19/18				
ASP-A,NYTCL-8081,NYTCL-8082,NYTCL-8270,TAL,AG-TI,AL-TI,AS-TI,BA-TI,BE-TI,CA-TI,CD-TI,CO-TI,CR-TI,CU-TI,FE-TI,HG-T,K-TI,MG-TI,MN-TI,NA-TI,NI-TI,PB-TI,PREPT,SB-TI,SE-TI,TL-TI,V-TI,ZN-TI,TCN-9010,TS				
L1851564-02	SF-C-2	3	1C	14DEC18 09:10
| Package Due Date: 12/19/18				
NYTCL-8081,NYTCL-8082,NYTCL-8270,TAL,AG-TI,AL-TI,AS-TI,BA-TI,BE-TI,CA-TI,CD-TI,CO-TI,CR-TI,CU-TI,FE-TI,HG-T,K-TI,MG-TI,MN-TI,NA-TI,NI-TI,PB-TI,PREPT,SB-TI,SE-TI,TL-TI,V-TI,ZN-TI,TCN-9010,TS				
L1851564-03	SF-D-1	3	1C	14DEC18 09:33
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-04	SF-D-2	3	1C	14DEC18 09:39
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-05	SF-D-3	3	1C	14DEC18 09:35
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-06	SF-D-4	3	1C	14DEC18 09:22
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Dec 19 2018, 12:27 pm

Login Number: L1851564
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 14DEC18 Due Date: 19DEC18

Sample #	Client ID	Mat	PR	Collected
L1851564-07	SF-D-5	3	1C	14DEC18 09:41
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-08	SF-D-6	3	1C	14DEC18 09:20
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-09	SF-D-7	3	1C	14DEC18 09:37
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-10	BF-C-1	3	1C	14DEC18 09:44
| Package Due Date: 12/19/18				
NYTCL-8081,NYTCL-8082,NYTCL-8270,TAL,AG-TI,AL-TI,AS-TI,BA-TI,BE-TI,CA-TI,CD-TI,CO-TI,CR-TI,CU-TI,FE-TI,HG-T,K-TI,MG-TI,MN-TI,NA-TI,NI-TI,PB-TI,PREPT,SB-TI,SE-TI,TL-TI,V-TI,ZN-TI,TCN-9010,TS				
L1851564-11	BF-C-2	3	1C	14DEC18 09:44
| Package Due Date: 12/19/18				
NYTCL-8081,NYTCL-8082,NYTCL-8270,TAL,AG-TI,AL-TI,AS-TI,BA-TI,BE-TI,CA-TI,CD-TI,CO-TI,CR-TI,CU-TI,FE-TI,HG-T,K-TI,MG-TI,MN-TI,NA-TI,NI-TI,PB-TI,PREPT,SB-TI,SE-TI,TL-TI,V-TI,ZN-TI,TCN-9010,TS				
L1851564-12	BF-D-1	3	1C	14DEC18 09:25
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Dec 19 2018, 12:27 pm

Login Number: L1851564
Account: ENVIROSPECEN Envirospec Engineering, PLLC
Received: 14DEC18 Due Date: 19DEC18

Sample #	Client ID	Mat	PR	Collected
L1851564-13	BF-D-2	3	1C	14DEC18 09:25
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-14	BF-D-3	3	1C	14DEC18 09:25
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-15	BF-D-4	3	1C	14DEC18 09:25
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-16	BF-D-5	3	1C	14DEC18 09:28
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-17	BF-D-6	3	1C	14DEC18 09:28
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				
L1851564-18	BF-D-7	3	1C	14DEC18 09:28
| Package Due Date: 12/19/18				
NYTCL-8260-R2,TS				

Logged By: Wendy Morency

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 12/14/18

ALPHA Job #: L1851564

Client Information
Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospec.com

Project Information
Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Category A deliverables

Please specify Metals or TAL.

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

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total cyanide	Total Solids	SVOCs 8270	Total Bottle
51564-01	SF-C-1	12/14/18	9:00AM	SO	RF		X	X	X	X	X	X	
-02	SF-C-2	12/14/18	9:10AM	SO			X	X	X	X	X	X	
-03	SF-D-1	12/14/18	9:33AM			X							
-04	SF-D-2	12/14/18	9:39AM			X							
-05	SF-D-3	12/14/18	9:35AM			X							
-06	SF-D-4	12/14/18	9:22AM			X							
-07	SF-D-5	12/14/18	9:41AM			X							
-08	SF-D-6	12/14/18	9:20AM			X							
-09	SF-D-7	12/14/18	9:37AM			X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10	Robert Haines RAL	12-14-18 11:10
Robert Haines	12-14-18 11:10		

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)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 2 of 2

Date Rec'd in Lab: 12/14/18

ALPHA Job #: L1851564

Client Information
Client: Envirospec Engineering
Address: 319 Northern Blvd Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospecny.com

Project Information
Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Benda Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

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

Billing Information
☐ Same as Client Info
PO #

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

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:
Category A deliverable

Please specify Metals or TAL.

ANALYSIS

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	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total Cyanide	Total Solids	SVOCs 8270	Sample Specific Comments	Total Bottle
51564-10	BF-C-1	12/14/18	9:44AM	SO	RF		X	X	X	X	X	X		
-11	BF-C-2	12/14/18	9:44AM				X	X	X	X	X	X		
-12	BF-D-1	12/14/18	9:25 AM			X								
-13	BF-D-2	12/14/18	9:25AM			X								
-14	BF-D-3	12/14/18	9:25 AM			X								
-15	BF-D-4	12/14/18	9:25AM			X								
-16	BF-D-5	12/14/18	9:28 AM			X								
17	BF-D-6	12/14/18	9:28AM			X								
-18	BF-D-7	12/14/18	9:28AM			X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

Container Type													
Preservative													

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10	Robert Haine AAL	12-14-18 11:10
Robert Haine	12-14-18 11:10		12/14/18 2Pm

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)

Organics

Volatiles Data

Volatiles Sample Data

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-03	Date Collected	: 12/14/18 09:33
Client ID	: SF-D-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 21:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N07	Instrument ID	: VOA117
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.1	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.51	0.20	U
108-90-7	Chlorobenzene	ND	0.51	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.1	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.51	0.17	U
75-27-4	Bromodichloromethane	ND	0.51	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.51	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.51	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.51	0.17	U
71-43-2	Benzene	ND	0.51	0.17	U
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.1	0.96	U
74-83-9	Bromomethane	ND	2.0	0.60	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-03	Date Collected	: 12/14/18 09:33
Client ID	: SF-D-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 21:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N07	Instrument ID	: VOA117
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.51	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.21	U
179601-23-1	p/m-Xylene	ND	2.0	0.58	U
95-47-6	o-Xylene	ND	1.0	0.30	U
1330-20-7	Xylenes, Total	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	ND	10	4.9	U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.21	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.1	0.67	U
103-65-1	n-Propylbenzene	ND	1.0	0.18	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-03	**Date Collected**	: 12/14/18 09:33
Client ID	: SF-D-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 21:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N07	**Instrument ID**	: VOA117
Sample Amount	: 5.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 94
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.33	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.28	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.1	0.98	U
110-82-7	Cyclohexane	ND	10	0.56	U
123-91-1	1,4-Dioxane	ND	100	36.	U
76-13-1	Freon-113	ND	4.1	0.71	U
108-87-2	Methyl cyclohexane	ND	4.1	0.62	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-04	Date Collected	: 12/14/18 09:39
Client ID	: SF-D-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 22:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N08	Instrument ID	: VOA117
Sample Amount	: 6.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	3.9	1.8	U
75-34-3	1,1-Dichloroethane	ND	0.78	0.11	U
67-66-3	Chloroform	ND	1.2	0.11	U
56-23-5	Carbon tetrachloride	ND	0.78	0.18	U
78-87-5	1,2-Dichloropropane	ND	0.78	0.10	U
124-48-1	Dibromochloromethane	ND	0.78	0.11	U
79-00-5	1,1,2-Trichloroethane	ND	0.78	0.21	U
127-18-4	Tetrachloroethene	ND	0.39	0.15	U
108-90-7	Chlorobenzene	ND	0.39	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.1	0.54	U
107-06-2	1,2-Dichloroethane	ND	0.78	0.20	U
71-55-6	1,1,1-Trichloroethane	ND	0.39	0.13	U
75-27-4	Bromodichloromethane	ND	0.39	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.78	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.39	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	0.39	0.12	U
75-25-2	Bromoform	ND	3.1	0.19	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.39	0.13	U
71-43-2	Benzene	ND	0.39	0.13	U
108-88-3	Toluene	0.57	0.78	0.42	J
100-41-4	Ethylbenzene	ND	0.78	0.11	U
74-87-3	Chloromethane	ND	3.1	0.73	U
74-83-9	Bromomethane	ND	1.6	0.45	U
75-01-4	Vinyl chloride	ND	0.78	0.26	U
75-00-3	Chloroethane	ND	1.6	0.35	U
75-35-4	1,1-Dichloroethene	ND	0.78	0.18	U
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.11	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-04	Date Collected	: 12/14/18 09:39
Client ID	: SF-D-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 22:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N08	Instrument ID	: VOA117
Sample Amount	: 6.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.39	0.11	U
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.11	U
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.13	U
1634-04-4	Methyl tert butyl ether	ND	1.6	0.16	U
179601-23-1	p/m-Xylene	ND	1.6	0.44	U
95-47-6	o-Xylene	ND	0.78	0.23	U
1330-20-7	Xylenes, Total	ND	0.78	0.23	U
156-59-2	cis-1,2-Dichloroethene	ND	0.78	0.14	U
540-59-0	1,2-Dichloroethene, Total	ND	0.78	0.11	U
100-42-5	Styrene	ND	0.78	0.15	U
75-71-8	Dichlorodifluoromethane	ND	7.8	0.71	U
67-64-1	Acetone	ND	7.8	3.8	U
75-15-0	Carbon disulfide	ND	7.8	3.5	U
78-93-3	2-Butanone	ND	7.8	1.7	U
108-10-1	4-Methyl-2-pentanone	ND	7.8	1.0	U
591-78-6	2-Hexanone	ND	7.8	0.92	U
74-97-5	Bromochloromethane	ND	1.6	0.16	U
106-93-4	1,2-Dibromoethane	ND	0.78	0.22	U
104-51-8	n-Butylbenzene	ND	0.78	0.13	U
135-98-8	sec-Butylbenzene	ND	0.78	0.11	U
98-06-6	tert-Butylbenzene	ND	1.6	0.09	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.78	U
98-82-8	Isopropylbenzene	ND	0.78	0.09	U
99-87-6	p-Isopropyltoluene	ND	0.78	0.09	U
91-20-3	Naphthalene	ND	3.1	0.51	U
103-65-1	n-Propylbenzene	ND	0.78	0.13	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-04	**Date Collected**	: 12/14/18 09:39
Client ID	: SF-D-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 22:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N08	**Instrument ID**	: VOA117
Sample Amount	: 6.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 94
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	1.6	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.6	0.21	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.6	0.15	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.6	0.26	U
79-20-9	Methyl Acetate	ND	3.1	0.74	U
110-82-7	Cyclohexane	ND	7.8	0.42	U
123-91-1	1,4-Dioxane	ND	78	27.	U
76-13-1	Freon-113	ND	3.1	0.54	U
108-87-2	Methyl cyclohexane	ND	3.1	0.47	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-05	Date Collected	: 12/14/18 09:35
Client ID	: SF-D-3	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 22:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.69	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-05	Date Collected	: 12/14/18 09:35
Client ID	: SF-D-3	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 22:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N09	Instrument ID	: VOA117
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.91	U
67-64-1	Acetone	6.0	10	4.8	J
75-15-0	Carbon disulfide	ND	10	4.5	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.14	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-05	**Date Collected**	: 12/14/18 09:35
Client ID	: SF-D-3	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 22:46
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N09	**Instrument ID**	: VOA117
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 94
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	100	35.	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-06	Date Collected	: 12/14/18 09:22
Client ID	: SF-D-4	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.8	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.96	0.14	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.96	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.96	0.12	U
124-48-1	Dibromochloromethane	ND	0.96	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.96	0.26	U
127-18-4	Tetrachloroethene	ND	0.48	0.19	U
108-90-7	Chlorobenzene	ND	0.48	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.8	0.67	U
107-06-2	1,2-Dichloroethane	ND	0.96	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.48	0.16	U
75-27-4	Bromodichloromethane	ND	0.48	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.96	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.48	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.48	0.15	U
75-25-2	Bromoform	ND	3.8	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.48	0.16	U
71-43-2	Benzene	ND	0.48	0.16	U
108-88-3	Toluene	ND	0.96	0.52	U
100-41-4	Ethylbenzene	ND	0.96	0.14	U
74-87-3	Chloromethane	ND	3.8	0.90	U
74-83-9	Bromomethane	ND	1.9	0.56	U
75-01-4	Vinyl chloride	ND	0.96	0.32	U
75-00-3	Chloroethane	ND	1.9	0.43	U
75-35-4	1,1-Dichloroethene	ND	0.96	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.13	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-06	Date Collected	: 12/14/18 09:22
Client ID	: SF-D-4	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.48	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.96	0.28	U
1330-20-7	Xylenes, Total	ND	0.96	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.96	0.13	U
100-42-5	Styrene	ND	0.96	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.6	0.88	U
67-64-1	Acetone	ND	9.6	4.6	U
75-15-0	Carbon disulfide	ND	9.6	4.4	U
78-93-3	2-Butanone	ND	9.6	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.6	1.2	U
591-78-6	2-Hexanone	ND	9.6	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.96	0.27	U
104-51-8	n-Butylbenzene	ND	0.96	0.16	U
135-98-8	sec-Butylbenzene	ND	0.96	0.14	U
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.96	U
98-82-8	Isopropylbenzene	ND	0.96	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.96	0.10	U
91-20-3	Naphthalene	ND	3.8	0.62	U
103-65-1	n-Propylbenzene	ND	0.96	0.16	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-06	Date Collected	: 12/14/18 09:22
Client ID	: SF-D-4	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N10	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.18	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U
79-20-9	Methyl Acetate	ND	3.8	0.91	U
110-82-7	Cyclohexane	ND	9.6	0.52	U
123-91-1	1,4-Dioxane	ND	96	34.	U
76-13-1	Freon-113	ND	3.8	0.66	U
108-87-2	Methyl cyclohexane	ND	3.8	0.58	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-07	Date Collected	: 12/14/18 09:41
Client ID	: SF-D-5	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N11	Instrument ID	: VOA117
Sample Amount	: 4.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.8	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.36	U
127-18-4	Tetrachloroethene	ND	0.68	0.26	U
108-90-7	Chlorobenzene	ND	0.68	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.4	0.94	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.35	U
71-55-6	1,1,1-Trichloroethane	ND	0.68	0.23	U
75-27-4	Bromodichloromethane	ND	0.68	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.68	0.21	U
542-75-6	1,3-Dichloropropene, Total	ND	0.68	0.21	U
75-25-2	Bromoform	ND	5.4	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.68	0.22	U
71-43-2	Benzene	ND	0.68	0.22	U
108-88-3	Toluene	ND	1.4	0.74	U
100-41-4	Ethylbenzene	ND	1.4	0.19	U
74-87-3	Chloromethane	ND	5.4	1.3	U
74-83-9	Bromomethane	ND	2.7	0.79	U
75-01-4	Vinyl chloride	ND	1.4	0.45	U
75-00-3	Chloroethane	ND	2.7	0.61	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.32	U
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-07	Date Collected	: 12/14/18 09:41
Client ID	: SF-D-5	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N11	Instrument ID	: VOA117
Sample Amount	: 4.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.68	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.19	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U
179601-23-1	p/m-Xylene	ND	2.7	0.76	U
95-47-6	o-Xylene	ND	1.4	0.39	U
1330-20-7	Xylenes, Total	ND	1.4	0.39	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.18	U
100-42-5	Styrene	ND	1.4	0.26	U
75-71-8	Dichlorodifluoromethane	ND	14	1.2	U
67-64-1	Acetone	7.3	14	6.5	J
75-15-0	Carbon disulfide	ND	14	6.2	U
78-93-3	2-Butanone	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.7	U
591-78-6	2-Hexanone	ND	14	1.6	U
74-97-5	Bromochloromethane	ND	2.7	0.28	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.38	U
104-51-8	n-Butylbenzene	ND	1.4	0.23	U
135-98-8	sec-Butylbenzene	ND	1.4	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.15	U
91-20-3	Naphthalene	ND	5.4	0.88	U
103-65-1	n-Propylbenzene	ND	1.4	0.23	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-07	Date Collected	: 12/14/18 09:41
Client ID	: SF-D-5	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 23:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N11	Instrument ID	: VOA117
Sample Amount	: 4.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.44	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.37	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.45	U
79-20-9	Methyl Acetate	ND	5.4	1.3	U
110-82-7	Cyclohexane	ND	14	0.74	U
123-91-1	1,4-Dioxane	ND	140	48.	U
76-13-1	Freon-113	ND	5.4	0.94	U
108-87-2	Methyl cyclohexane	ND	5.4	0.82	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-08	Date Collected	: 12/14/18 09:20
Client ID	: SF-D-6	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.4	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.88	0.13	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.88	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.88	0.11	U
124-48-1	Dibromochloromethane	ND	0.88	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.88	0.24	U
127-18-4	Tetrachloroethene	ND	0.44	0.17	U
108-90-7	Chlorobenzene	ND	0.44	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U
107-06-2	1,2-Dichloroethane	ND	0.88	0.23	U
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.15	U
75-27-4	Bromodichloromethane	ND	0.44	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.88	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U
75-25-2	Bromoform	ND	3.5	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.15	U
71-43-2	Benzene	ND	0.44	0.15	U
108-88-3	Toluene	ND	0.88	0.48	U
100-41-4	Ethylbenzene	ND	0.88	0.12	U
74-87-3	Chloromethane	ND	3.5	0.82	U
74-83-9	Bromomethane	ND	1.8	0.51	U
75-01-4	Vinyl chloride	ND	0.88	0.30	U
75-00-3	Chloroethane	ND	1.8	0.40	U
75-35-4	1,1-Dichloroethene	ND	0.88	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-08	Date Collected	: 12/14/18 09:20
Client ID	: SF-D-6	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N12	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.44	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	ND	1.8	0.49	U
95-47-6	o-Xylene	ND	0.88	0.26	U
1330-20-7	Xylenes, Total	ND	0.88	0.26	U
156-59-2	cis-1,2-Dichloroethene	ND	0.88	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	0.88	0.12	U
100-42-5	Styrene	ND	0.88	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.8	0.81	U
67-64-1	Acetone	ND	8.8	4.2	U
75-15-0	Carbon disulfide	ND	8.8	4.0	U
78-93-3	2-Butanone	ND	8.8	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	8.8	1.1	U
591-78-6	2-Hexanone	ND	8.8	1.0	U
74-97-5	Bromochloromethane	ND	1.8	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.88	0.25	U
104-51-8	n-Butylbenzene	ND	0.88	0.15	U
135-98-8	sec-Butylbenzene	ND	0.88	0.13	U
98-06-6	tert-Butylbenzene	ND	1.8	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.88	U
98-82-8	Isopropylbenzene	ND	0.88	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.88	0.10	U
91-20-3	Naphthalene	ND	3.5	0.57	U
103-65-1	n-Propylbenzene	ND	0.88	0.15	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-08	**Date Collected**	: 12/14/18 09:20
Client ID	: SF-D-6	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 00:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N12	**Instrument ID**	: VOA117
Sample Amount	: 6.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 94
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.17	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.30	U
79-20-9	Methyl Acetate	ND	3.5	0.84	U
110-82-7	Cyclohexane	ND	8.8	0.48	U
123-91-1	1,4-Dioxane	ND	88	31.	U
76-13-1	Freon-113	ND	3.5	0.61	U
108-87-2	Methyl cyclohexane	ND	3.5	0.53	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-09	Date Collected	: 12/14/18 09:37
Client ID	: SF-D-7	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N13	Instrument ID	: VOA117
Sample Amount	: 4.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.2	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.62	0.24	U
108-90-7	Chlorobenzene	ND	0.62	0.16	U
75-69-4	Trichlorofluoromethane	ND	4.9	0.86	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.62	0.21	U
75-27-4	Bromodichloromethane	ND	0.62	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	0.20	U
542-75-6	1,3-Dichloropropene, Total	ND	0.62	0.20	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	0.20	U
71-43-2	Benzene	ND	0.62	0.20	U
108-88-3	Toluene	ND	1.2	0.67	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.2	U
74-83-9	Bromomethane	ND	2.5	0.72	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.5	0.56	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-09	Date Collected	: 12/14/18 09:37
Client ID	: SF-D-7	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N13	Instrument ID	: VOA117
Sample Amount	: 4.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 94
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.62	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.69	U
95-47-6	o-Xylene	ND	1.2	0.36	U
1330-20-7	Xylenes, Total	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
540-59-0	1,2-Dichloroethene, Total	ND	1.2	0.17	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.9	U
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.5	0.25	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.21	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.5	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.9	0.80	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-09	**Date Collected**	: 12/14/18 09:37
Client ID	: SF-D-7	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 00:31
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N13	**Instrument ID**	: VOA117
Sample Amount	: 4.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 94
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.40	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.41	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.67	U
123-91-1	1,4-Dioxane	ND	120	43.	U
76-13-1	Freon-113	ND	4.9	0.86	U
108-87-2	Methyl cyclohexane	ND	4.9	0.74	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-12	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N14	Instrument ID	: VOA117
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.2	1.9	U
75-34-3	1,1-Dichloroethane	ND	0.83	0.12	U
67-66-3	Chloroform	ND	1.2	0.12	U
56-23-5	Carbon tetrachloride	ND	0.83	0.19	U
78-87-5	1,2-Dichloropropane	ND	0.83	0.10	U
124-48-1	Dibromochloromethane	ND	0.83	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.83	0.22	U
127-18-4	Tetrachloroethene	ND	0.42	0.16	U
108-90-7	Chlorobenzene	ND	0.42	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.3	0.58	U
107-06-2	1,2-Dichloroethane	ND	0.83	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	0.42	0.14	U
75-27-4	Bromodichloromethane	ND	0.42	0.09	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.83	0.23	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.42	0.13	U
542-75-6	1,3-Dichloropropene, Total	ND	0.42	0.13	U
75-25-2	Bromoform	ND	3.3	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.42	0.14	U
71-43-2	Benzene	ND	0.42	0.14	U
108-88-3	Toluene	ND	0.83	0.45	U
100-41-4	Ethylbenzene	ND	0.83	0.12	U
74-87-3	Chloromethane	ND	3.3	0.78	U
74-83-9	Bromomethane	ND	1.7	0.48	U
75-01-4	Vinyl chloride	ND	0.83	0.28	U
75-00-3	Chloroethane	ND	1.7	0.38	U
75-35-4	1,1-Dichloroethene	ND	0.83	0.20	U
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.11	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-12	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 00:57
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N14	Instrument ID	: VOA117
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.42	0.11	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.12	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.14	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.47	U
95-47-6	o-Xylene	ND	0.83	0.24	U
1330-20-7	Xylenes, Total	ND	0.83	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	0.83	0.14	U
540-59-0	1,2-Dichloroethene, Total	ND	0.83	0.11	U
100-42-5	Styrene	ND	0.83	0.16	U
75-71-8	Dichlorodifluoromethane	ND	8.3	0.76	U
67-64-1	Acetone	ND	8.3	4.0	U
75-15-0	Carbon disulfide	ND	8.3	3.8	U
78-93-3	2-Butanone	ND	8.3	1.8	U
108-10-1	4-Methyl-2-pentanone	ND	8.3	1.1	U
591-78-6	2-Hexanone	ND	8.3	0.98	U
74-97-5	Bromochloromethane	ND	1.7	0.17	U
106-93-4	1,2-Dibromoethane	ND	0.83	0.23	U
104-51-8	n-Butylbenzene	ND	0.83	0.14	U
135-98-8	sec-Butylbenzene	ND	0.83	0.12	U
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.83	U
98-82-8	Isopropylbenzene	ND	0.83	0.09	U
99-87-6	p-Isopropyltoluene	ND	0.83	0.09	U
91-20-3	Naphthalene	ND	3.3	0.54	U
103-65-1	n-Propylbenzene	ND	0.83	0.14	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-12	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 00:57
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N14	**Instrument ID**	: VOA117
Sample Amount	: 6.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.27	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.28	U
79-20-9	Methyl Acetate	ND	3.3	0.79	U
110-82-7	Cyclohexane	ND	8.3	0.45	U
123-91-1	1,4-Dioxane	ND	83	29.	U
76-13-1	Freon-113	ND	3.3	0.58	U
108-87-2	Methyl cyclohexane	ND	3.3	0.50	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-13	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 02:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N18	Instrument ID	: VOA117
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.8	3.1	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.0	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.31	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.36	U
127-18-4	Tetrachloroethene	ND	0.68	0.26	U
108-90-7	Chlorobenzene	ND	0.68	0.17	U
75-69-4	Trichlorofluoromethane	ND	5.4	0.94	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.35	U
71-55-6	1,1,1-Trichloroethane	ND	0.68	0.23	U
75-27-4	Bromodichloromethane	ND	0.68	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.37	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.68	0.21	U
542-75-6	1,3-Dichloropropene, Total	ND	0.68	0.21	U
75-25-2	Bromoform	ND	5.4	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.68	0.22	U
71-43-2	Benzene	ND	0.68	0.22	U
108-88-3	Toluene	ND	1.4	0.74	U
100-41-4	Ethylbenzene	ND	1.4	0.19	U
74-87-3	Chloromethane	ND	5.4	1.3	U
74-83-9	Bromomethane	ND	2.7	0.79	U
75-01-4	Vinyl chloride	ND	1.4	0.45	U
75-00-3	Chloroethane	ND	2.7	0.61	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.32	U
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.18	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-13	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 02:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N18	Instrument ID	: VOA117
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 93
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.68	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.7	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.7	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.7	0.23	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.27	U
179601-23-1	p/m-Xylene	ND	2.7	0.76	U
95-47-6	o-Xylene	ND	1.4	0.39	U
1330-20-7	Xylenes, Total	ND	1.4	0.39	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.18	U
100-42-5	Styrene	ND	1.4	0.26	U
75-71-8	Dichlorodifluoromethane	ND	14	1.2	U
67-64-1	Acetone	ND	14	6.5	U
75-15-0	Carbon disulfide	ND	14	6.2	U
78-93-3	2-Butanone	ND	14	3.0	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.7	U
591-78-6	2-Hexanone	ND	14	1.6	U
74-97-5	Bromochloromethane	ND	2.7	0.28	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.38	U
104-51-8	n-Butylbenzene	ND	1.4	0.23	U
135-98-8	sec-Butylbenzene	ND	1.4	0.20	U
98-06-6	tert-Butylbenzene	ND	2.7	0.16	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	1.4	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.15	U
91-20-3	Naphthalene	ND	5.4	0.88	U
103-65-1	n-Propylbenzene	ND	1.4	0.23	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-13	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 02:41
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N18	**Instrument ID**	: VOA117
Sample Amount	: 4.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 93
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.44	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.37	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.45	U
79-20-9	Methyl Acetate	ND	5.4	1.3	U
110-82-7	Cyclohexane	ND	14	0.74	U
123-91-1	1,4-Dioxane	ND	140	48.	U
76-13-1	Freon-113	ND	5.4	0.94	U
108-87-2	Methyl cyclohexane	ND	5.4	0.82	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-14	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-3	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N19	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.9	2.7	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.27	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.32	U
127-18-4	Tetrachloroethene	ND	0.59	0.23	U
108-90-7	Chlorobenzene	ND	0.59	0.15	U
75-69-4	Trichlorofluoromethane	ND	4.8	0.83	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.59	0.20	U
75-27-4	Bromodichloromethane	ND	0.59	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.32	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.59	0.19	U
542-75-6	1,3-Dichloropropene, Total	ND	0.59	0.19	U
75-25-2	Bromoform	ND	4.8	0.29	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.59	0.20	U
71-43-2	Benzene	ND	0.59	0.20	U
108-88-3	Toluene	ND	1.2	0.64	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.8	1.1	U
74-83-9	Bromomethane	ND	2.4	0.69	U
75-01-4	Vinyl chloride	ND	1.2	0.40	U
75-00-3	Chloroethane	ND	2.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.28	U
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.16	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-14	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-3	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N19	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.59	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.17	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.66	U
95-47-6	o-Xylene	ND	1.2	0.35	U
1330-20-7	Xylenes, Total	ND	1.2	0.35	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
540-59-0	1,2-Dichloroethene, Total	ND	1.2	0.16	U
100-42-5	Styrene	ND	1.2	0.23	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	5.7	U
75-15-0	Carbon disulfide	ND	12	5.4	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
74-97-5	Bromochloromethane	ND	2.4	0.24	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.33	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.17	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.8	0.77	U
103-65-1	n-Propylbenzene	ND	1.2	0.20	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-14	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-3	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 03:07
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N19	**Instrument ID**	: VOA117
Sample Amount	: 4.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 92
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.4	0.38	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.32	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.40	U
79-20-9	Methyl Acetate	ND	4.8	1.1	U
110-82-7	Cyclohexane	ND	12	0.65	U
123-91-1	1,4-Dioxane	ND	120	42.	U
76-13-1	Freon-113	ND	4.8	0.82	U
108-87-2	Methyl cyclohexane	ND	4.8	0.72	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-15	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-4	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N20	Instrument ID	: VOA117
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.6	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.30	U
127-18-4	Tetrachloroethene	ND	0.56	0.22	U
108-90-7	Chlorobenzene	ND	0.56	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.5	0.79	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.56	0.19	U
75-27-4	Bromodichloromethane	ND	0.56	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.56	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	0.56	0.18	U
75-25-2	Bromoform	ND	4.5	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.56	0.19	U
71-43-2	Benzene	ND	0.56	0.19	U
108-88-3	Toluene	ND	1.1	0.61	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.5	1.0	U
74-83-9	Bromomethane	ND	2.3	0.66	U
75-01-4	Vinyl chloride	ND	1.1	0.38	U
75-00-3	Chloroethane	ND	2.3	0.51	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.15	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-15	Date Collected	: 12/14/18 09:25
Client ID	: BF-D-4	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N20	Instrument ID	: VOA117
Sample Amount	: 4.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.56	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.63	U
95-47-6	o-Xylene	ND	1.1	0.33	U
1330-20-7	Xylenes, Total	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.15	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.4	U
75-15-0	Carbon disulfide	ND	11	5.1	U
78-93-3	2-Butanone	ND	11	2.5	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.3	0.23	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
104-51-8	n-Butylbenzene	ND	1.1	0.19	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.3	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.5	0.74	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-15	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-4	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 03:33
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N20	**Instrument ID**	: VOA117
Sample Amount	: 4.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 92
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.36	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
79-20-9	Methyl Acetate	ND	4.5	1.1	U
110-82-7	Cyclohexane	ND	11	0.62	U
123-91-1	1,4-Dioxane	ND	110	40.	U
76-13-1	Freon-113	ND	4.5	0.78	U
108-87-2	Methyl cyclohexane	ND	4.5	0.68	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-16	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-5	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N21	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.9	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.98	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	0.98	0.23	U
78-87-5	1,2-Dichloropropane	ND	0.98	0.12	U
124-48-1	Dibromochloromethane	ND	0.98	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.98	0.26	U
127-18-4	Tetrachloroethene	ND	0.49	0.19	U
108-90-7	Chlorobenzene	ND	0.49	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U
107-06-2	1,2-Dichloroethane	ND	0.98	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U
75-27-4	Bromodichloromethane	ND	0.49	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.98	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.16	U
75-25-2	Bromoform	ND	3.9	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U
71-43-2	Benzene	ND	0.49	0.16	U
108-88-3	Toluene	ND	0.98	0.53	U
100-41-4	Ethylbenzene	ND	0.98	0.14	U
74-87-3	Chloromethane	ND	3.9	0.92	U
74-83-9	Bromomethane	ND	2.0	0.57	U
75-01-4	Vinyl chloride	ND	0.98	0.33	U
75-00-3	Chloroethane	ND	2.0	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.98	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-16	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-5	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:59
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N21	Instrument ID	: VOA117
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.49	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.55	U
95-47-6	o-Xylene	ND	0.98	0.29	U
1330-20-7	Xylenes, Total	ND	0.98	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.98	0.13	U
100-42-5	Styrene	ND	0.98	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.8	0.90	U
67-64-1	Acetone	ND	9.8	4.7	U
75-15-0	Carbon disulfide	ND	9.8	4.5	U
78-93-3	2-Butanone	ND	9.8	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	9.8	1.2	U
591-78-6	2-Hexanone	ND	9.8	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.98	0.27	U
104-51-8	n-Butylbenzene	ND	0.98	0.16	U
135-98-8	sec-Butylbenzene	ND	0.98	0.14	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.98	U
98-82-8	Isopropylbenzene	ND	0.98	0.11	U
99-87-6	p-Isopropyltoluene	ND	0.98	0.11	U
91-20-3	Naphthalene	ND	3.9	0.64	U
103-65-1	n-Propylbenzene	ND	0.98	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-16	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-5	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 03:59
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N21	**Instrument ID**	: VOA117
Sample Amount	: 5.5 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 92
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	3.9	0.93	U
110-82-7	Cyclohexane	ND	9.8	0.53	U
123-91-1	1,4-Dioxane	ND	98	34.	U
76-13-1	Freon-113	ND	3.9	0.68	U
108-87-2	Methyl cyclohexane	ND	3.9	0.59	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-17	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-6	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 09:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181218A06	Instrument ID	: VOA117
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.4	2.0	U
75-34-3	1,1-Dichloroethane	ND	0.87	0.13	U
67-66-3	Chloroform	ND	1.3	0.12	U
56-23-5	Carbon tetrachloride	ND	0.87	0.20	U
78-87-5	1,2-Dichloropropane	ND	0.87	0.11	U
124-48-1	Dibromochloromethane	ND	0.87	0.12	U
79-00-5	1,1,2-Trichloroethane	ND	0.87	0.23	U
127-18-4	Tetrachloroethene	ND	0.44	0.17	U
108-90-7	Chlorobenzene	ND	0.44	0.11	U
75-69-4	Trichlorofluoromethane	ND	3.5	0.61	U
107-06-2	1,2-Dichloroethane	ND	0.87	0.22	U
71-55-6	1,1,1-Trichloroethane	ND	0.44	0.14	U
75-27-4	Bromodichloromethane	ND	0.44	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	0.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.44	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.44	0.14	U
75-25-2	Bromoform	ND	3.5	0.21	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.44	0.14	U
71-43-2	Benzene	ND	0.44	0.14	U
108-88-3	Toluene	ND	0.87	0.47	U
100-41-4	Ethylbenzene	ND	0.87	0.12	U
74-87-3	Chloromethane	ND	3.5	0.81	U
74-83-9	Bromomethane	ND	1.7	0.51	U
75-01-4	Vinyl chloride	ND	0.87	0.29	U
75-00-3	Chloroethane	ND	1.7	0.39	U
75-35-4	1,1-Dichloroethene	ND	0.87	0.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.12	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-17	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-6	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 09:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181218A06	Instrument ID	: VOA117
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.44	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.18	U
179601-23-1	p/m-Xylene	ND	1.7	0.49	U
95-47-6	o-Xylene	ND	0.87	0.25	U
1330-20-7	Xylenes, Total	ND	0.87	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.87	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	0.87	0.12	U
100-42-5	Styrene	ND	0.87	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.7	0.80	U
67-64-1	Acetone	ND	8.7	4.2	U
75-15-0	Carbon disulfide	ND	8.7	4.0	U
78-93-3	2-Butanone	ND	8.7	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.7	1.1	U
591-78-6	2-Hexanone	ND	8.7	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.87	0.24	U
104-51-8	n-Butylbenzene	ND	0.87	0.14	U
135-98-8	sec-Butylbenzene	ND	0.87	0.13	U
98-06-6	tert-Butylbenzene	ND	1.7	0.10	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.87	U
98-82-8	Isopropylbenzene	ND	0.87	0.10	U
99-87-6	p-Isopropyltoluene	ND	0.87	0.10	U
91-20-3	Naphthalene	ND	3.5	0.57	U
103-65-1	n-Propylbenzene	ND	0.87	0.15	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-17	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-6	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 09:09
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181218A06	**Instrument ID**	: VOA117
Sample Amount	: 6.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.17	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.29	U
79-20-9	Methyl Acetate	ND	3.5	0.83	U
110-82-7	Cyclohexane	ND	8.7	0.48	U
123-91-1	1,4-Dioxane	ND	87	31.	U
76-13-1	Freon-113	ND	3.5	0.60	U
108-87-2	Methyl cyclohexane	ND	3.5	0.53	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-18	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-7	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N23	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.9	2.2	U
75-34-3	1,1-Dichloroethane	ND	0.97	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	0.97	0.22	U
78-87-5	1,2-Dichloropropane	ND	0.97	0.12	U
124-48-1	Dibromochloromethane	ND	0.97	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	0.97	0.26	U
127-18-4	Tetrachloroethene	ND	0.49	0.19	U
108-90-7	Chlorobenzene	ND	0.49	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.9	0.68	U
107-06-2	1,2-Dichloroethane	ND	0.97	0.25	U
71-55-6	1,1,1-Trichloroethane	ND	0.49	0.16	U
75-27-4	Bromodichloromethane	ND	0.49	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	0.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.49	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	0.49	0.15	U
75-25-2	Bromoform	ND	3.9	0.24	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.49	0.16	U
71-43-2	Benzene	ND	0.49	0.16	U
108-88-3	Toluene	ND	0.97	0.53	U
100-41-4	Ethylbenzene	ND	0.97	0.14	U
74-87-3	Chloromethane	ND	3.9	0.91	U
74-83-9	Bromomethane	ND	1.9	0.56	U
75-01-4	Vinyl chloride	ND	0.97	0.33	U
75-00-3	Chloroethane	ND	1.9	0.44	U
75-35-4	1,1-Dichloroethene	ND	0.97	0.23	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.13	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-18	Date Collected	: 12/14/18 09:28
Client ID	: BF-D-7	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181217N23	Instrument ID	: VOA117
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 92
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.49	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.17	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.20	U
179601-23-1	p/m-Xylene	ND	1.9	0.54	U
95-47-6	o-Xylene	ND	0.97	0.28	U
1330-20-7	Xylenes, Total	ND	0.97	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.17	U
540-59-0	1,2-Dichloroethene, Total	ND	0.97	0.13	U
100-42-5	Styrene	ND	0.97	0.19	U
75-71-8	Dichlorodifluoromethane	ND	9.7	0.89	U
67-64-1	Acetone	ND	9.7	4.7	U
75-15-0	Carbon disulfide	ND	9.7	4.4	U
78-93-3	2-Butanone	ND	9.7	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	9.7	1.2	U
591-78-6	2-Hexanone	ND	9.7	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.20	U
106-93-4	1,2-Dibromoethane	ND	0.97	0.27	U
104-51-8	n-Butylbenzene	ND	0.97	0.16	U
135-98-8	sec-Butylbenzene	ND	0.97	0.14	U
98-06-6	tert-Butylbenzene	ND	1.9	0.11	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	0.97	U
98-82-8	Isopropylbenzene	ND	0.97	0.11	U
99-87-6	p-Isopropyltoluene	ND	0.97	0.11	U
91-20-3	Naphthalene	ND	3.9	0.63	U
103-65-1	n-Propylbenzene	ND	0.97	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-18	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-7	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 04:51
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260C	**Analyst**	: MV
Lab File ID	: V17181217N23	**Instrument ID**	: VOA117
Sample Amount	: 5.6 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 92
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.31	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.32	U
79-20-9	Methyl Acetate	ND	3.9	0.92	U
110-82-7	Cyclohexane	ND	9.7	0.53	U
123-91-1	1,4-Dioxane	ND	97	34.	U
76-13-1	Freon-113	ND	3.9	0.67	U
108-87-2	Methyl cyclohexane	ND	3.9	0.59	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190646-5	Date Collected	: NA
Client ID	: WG1190646-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/18/18 08:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181218A05	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190646-5	Date Collected	: NA
Client ID	: WG1190646-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/18/18 08:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181218A05	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190646-5	Date Collected	: NA
Client ID	: WG1190646-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/18/18 08:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17181218A05	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	100	35.	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190670-5	Date Collected	: NA
Client ID	: WG1190670-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 21:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17181217N06	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190670-5	Date Collected	: NA
Client ID	: WG1190670-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 21:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17181217N06	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
1330-20-7	Xylenes, Total	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.14	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Form 1
VOA

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190670-5	Date Collected	: NA
Client ID	: WG1190670-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 21:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17181217N06	Instrument ID	: VOA117
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	100	35.	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Semivolatiles Data- Method 8270D

Semivolatile Sample Data

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:37
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-01	Analyst	: JG
Sample Amount	: 30.81 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	23.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	34.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	29.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	490	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:37
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-01	Analyst	: JG
Sample Amount	: 30.81 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	43.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	390	40.	U
106-47-8	4-Chloroaniline	ND	170	31.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	32.	U
100-01-6	4-Nitroaniline	ND	170	71.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:37
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-01	Analyst	: JG
Sample Amount	: 30.81 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	70.	U
51-28-5	2,4-Dinitrophenol	ND	830	80.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U
65-85-0	Benzoic Acid	ND	560	170	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-02	Date Collected	: 12/14/18 09:10
Client ID	: SF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:02
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-02	Analyst	: JG
Sample Amount	: 30.56 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
120-82-1	1,2,4-Trichlorobenzene	ND	170	20.	U
118-74-1	Hexachlorobenzene	ND	100	19.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	170	17.	U
95-50-1	1,2-Dichlorobenzene	ND	170	31.	U
541-73-1	1,3-Dichlorobenzene	ND	170	30.	U
106-46-7	1,4-Dichlorobenzene	ND	170	30.	U
91-94-1	3,3'-Dichlorobenzidine	ND	170	46.	U
121-14-2	2,4-Dinitrotoluene	ND	170	35.	U
606-20-2	2,6-Dinitrotoluene	ND	170	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	170	26.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	17.	U
87-68-3	Hexachlorobutadiene	ND	170	25.	U
77-47-4	Hexachlorocyclopentadiene	ND	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	22.	U
91-20-3	Naphthalene	ND	170	21.	U
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	170	27.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-02	Date Collected	: 12/14/18 09:10
Client ID	: SF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:02
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-02	Analyst	: JG
Sample Amount	: 30.56 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
117-81-7	Bis(2-ethylhexyl)phthalate	ND	170	60.	U
85-68-7	Butyl benzyl phthalate	ND	170	44.	U
84-74-2	Di-n-butylphthalate	ND	170	33.	U
117-84-0	Di-n-octylphthalate	ND	170	59.	U
84-66-2	Diethyl phthalate	ND	170	16.	U
131-11-3	Dimethyl phthalate	ND	170	36.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	42.	U
205-99-2	Benzo(b)fluoranthene	ND	100	29.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	20.	U
86-73-7	Fluorene	ND	170	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	40.	U
106-47-8	4-Chloroaniline	ND	170	32.	U
88-74-4	2-Nitroaniline	ND	170	33.	U
99-09-2	3-Nitroaniline	ND	170	33.	U
100-01-6	4-Nitroaniline	ND	170	72.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-02	Date Collected	: 12/14/18 09:10
Client ID	: SF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:02
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-02	Analyst	: JG
Sample Amount	: 30.56 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	170	16.	U
91-57-6	2-Methylnaphthalene	ND	210	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	18.	U
98-86-2	Acetophenone	ND	170	21.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	170	26.	U
95-57-8	2-Chlorophenol	ND	170	20.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	170	57.	U
88-75-5	2-Nitrophenol	ND	370	65.	U
100-02-7	4-Nitrophenol	ND	240	71.	U
51-28-5	2,4-Dinitrophenol	ND	830	81.	U
534-52-1	4,6-Dinitro-o-cresol	ND	450	83.	U
87-86-5	Pentachlorophenol	ND	140	38.	U
108-95-2	Phenol	ND	170	26.	U
95-48-7	2-Methylphenol	ND	170	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	27.	U
95-95-4	2,4,5-Trichlorophenol	ND	170	33.	U
65-85-0	Benzoic Acid	ND	560	180	U
100-51-6	Benzyl Alcohol	ND	170	53.	U
86-74-8	Carbazole	ND	170	17.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-10	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:27
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-10	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	19.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	20.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 04:27
Sample Matrix	: SOIL	**Date Extracted**	: 12/15/18
Analytical Method	: 1,8270D	**Dilution Factor**	: 1
Lab File ID	: 51564-10	**Analyst**	: JG
Sample Amount	: 30.49 g	**Instrument ID**	: SV109
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	42.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-10	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:27
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-10	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	86.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
65-85-0	Benzoic Acid	ND	580	180	U
100-51-6	Benzyl Alcohol	ND	180	55.	U
86-74-8	Carbazole	ND	180	17.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-11	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:53
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-11	Analyst	: JG
Sample Amount	: 30.33 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	19.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	21.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
95-50-1	1,2-Dichlorobenzene	ND	180	32.	U
541-73-1	1,3-Dichlorobenzene	ND	180	31.	U
106-46-7	1,4-Dichlorobenzene	ND	180	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	520	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-11	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:53
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-11	Analyst	: JG
Sample Amount	: 30.33 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	42.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-11	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 04:53
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 51564-11	Analyst	: JG
Sample Amount	: 30.33 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	74.	U
51-28-5	2,4-Dinitrophenol	ND	860	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	86.	U
87-86-5	Pentachlorophenol	ND	140	40.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
65-85-0	Benzoic Acid	ND	580	180	U
100-51-6	Benzyl Alcohol	ND	180	55.	U
86-74-8	Carbazole	ND	180	18.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1189844-1	Date Collected	: NA
Client ID	: WG1189844-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 22:34
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 189844-1	Analyst	: RC
Sample Amount	: 30.89 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	160	18.	U
118-74-1	Hexachlorobenzene	ND	97	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	140	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
95-50-1	1,2-Dichlorobenzene	ND	160	29.	U
541-73-1	1,3-Dichlorobenzene	ND	160	28.	U
106-46-7	1,4-Dichlorobenzene	ND	160	28.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	32.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	97	18.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	17.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	190	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	170	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	460	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	140	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	140	24.	U
86-30-6	NDPA/DPA	ND	130	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1189844-1	Date Collected	: NA
Client ID	: WG1189844-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 22:34
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 189844-1	Analyst	: RC
Sample Amount	: 30.89 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	55.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	97	18.	U
50-32-8	Benzo(a)pyrene	ND	130	39.	U
205-99-2	Benzo(b)fluoranthene	ND	97	27.	U
207-08-9	Benzo(k)fluoranthene	ND	97	26.	U
218-01-9	Chrysene	ND	97	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	97	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	97	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	97	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	22.	U
129-00-0	Pyrene	ND	97	16.	U
92-52-4	Biphenyl	ND	370	38.	U
106-47-8	4-Chloroaniline	ND	160	29.	U
88-74-4	2-Nitroaniline	ND	160	31.	U
99-09-2	3-Nitroaniline	ND	160	30.	U
100-01-6	4-Nitroaniline	ND	160	67.	U

Form 1
SemiVolatile Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1189844-1	Date Collected	: NA
Client ID	: WG1189844-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/17/18 22:34
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 189844-1	Analyst	: RC
Sample Amount	: 30.89 g	Instrument ID	: BUFFY
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	190	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	97	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	140	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	53.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	66.	U
51-28-5	2,4-Dinitrophenol	ND	780	75.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	24.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	230	25.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
65-85-0	Benzoic Acid	ND	520	160	U
100-51-6	Benzyl Alcohol	ND	160	50.	U
86-74-8	Carbazole	ND	160	16.	U

GC Extractable Analysis Polychlorinated Biphenyls (PCB)

Aroclor Sample Data

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/17/18 20:54
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 13181217a-30	Analyst	: WR
Sample Amount	: 15.39 g	Instrument ID	: PEST13
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	34.5	3.06	U
11104-28-2	Aroclor 1221	ND	34.5	3.46	U
11141-16-5	Aroclor 1232	ND	34.5	7.32	U
53469-21-9	Aroclor 1242	ND	34.5	4.65	U
12672-29-6	Aroclor 1248	ND	34.5	5.18	U
11097-69-1	Aroclor 1254	ND	34.5	3.78	U
11096-82-5	Aroclor 1260	ND	34.5	6.38	U
37324-23-5	Aroclor 1262	ND	34.5	4.38	U
11100-14-4	Aroclor 1268	ND	34.5	3.58	U
1336-36-3	PCBs, Total	ND	34.5	3.06	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-02	**Date Collected**	: 12/14/18 09:10
Client ID	: SF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 21:07
Sample Matrix	: SOIL	**Date Extracted**	: 12/15/18
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: 13181217a-31	**Analyst**	: WR
Sample Amount	: 15.6 g	**Instrument ID**	: PEST13
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: 94
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	34.0	3.02	U
11104-28-2	Aroclor 1221	ND	34.0	3.40	U
11141-16-5	Aroclor 1232	ND	34.0	7.20	U
53469-21-9	Aroclor 1242	ND	34.0	4.58	U
12672-29-6	Aroclor 1248	ND	34.0	5.10	U
11097-69-1	Aroclor 1254	ND	34.0	3.72	U
11096-82-5	Aroclor 1260	ND	34.0	6.28	U
37324-23-5	Aroclor 1262	ND	34.0	4.32	U
11100-14-4	Aroclor 1268	ND	34.0	3.52	U
1336-36-3	PCBs, Total	ND	34.0	3.02	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 21:20
Sample Matrix	: SOIL	**Date Extracted**	: 12/15/18
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: 13181217a-32	**Analyst**	: WR
Sample Amount	: 15.93 g	**Instrument ID**	: PEST13
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	34.4	3.06	U
11104-28-2	Aroclor 1221	ND	34.4	3.45	U
11141-16-5	Aroclor 1232	ND	34.4	7.30	U
53469-21-9	Aroclor 1242	ND	34.4	4.64	U
12672-29-6	Aroclor 1248	ND	34.4	5.17	U
11097-69-1	Aroclor 1254	ND	34.4	3.77	U
11096-82-5	Aroclor 1260	ND	34.4	6.37	U
37324-23-5	Aroclor 1262	ND	34.4	4.38	U
11100-14-4	Aroclor 1268	ND	34.4	3.57	U
1336-36-3	PCBs, Total	ND	34.4	3.06	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-11	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 21:33
Sample Matrix	: SOIL	**Date Extracted**	: 12/15/18
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: 13181217a-33	**Analyst**	: WR
Sample Amount	: 15.4 g	**Instrument ID**	: PEST13
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: 92
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	35.5	3.15	U
11104-28-2	Aroclor 1221	ND	35.5	3.56	U
11141-16-5	Aroclor 1232	ND	35.5	7.52	U
53469-21-9	Aroclor 1242	ND	35.5	4.78	U
12672-29-6	Aroclor 1248	ND	35.5	5.32	U
11097-69-1	Aroclor 1254	ND	35.5	3.88	U
11096-82-5	Aroclor 1260	ND	35.5	6.56	U
37324-23-5	Aroclor 1262	ND	35.5	4.51	U
11100-14-4	Aroclor 1268	ND	35.5	3.68	U
1336-36-3	PCBs, Total	ND	35.5	3.15	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1189802-1	**Date Collected**	: NA
Client ID	: WG1189802-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/17/18 12:08
Sample Matrix	: SOIL	**Date Extracted**	: 12/15/18
Analytical Method	: 1,8082A	**Dilution Factor**	: 1
Lab File ID	: 16181217a-10	**Analyst**	: HT
Sample Amount	: 15.71 g	**Instrument ID**	: PEST16
Extraction Method	: EPA 3546	**GC Column**	: CLP-Pesticide
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
12674-11-2	Aroclor 1016	ND	31.8	2.83	U
11104-28-2	Aroclor 1221	ND	31.8	3.19	U
11141-16-5	Aroclor 1232	ND	31.8	6.75	U
53469-21-9	Aroclor 1242	ND	31.8	4.29	U
12672-29-6	Aroclor 1248	ND	31.8	4.77	U
11097-69-1	Aroclor 1254	ND	31.8	3.48	U
11096-82-5	Aroclor 1260	ND	31.8	5.88	U
37324-23-5	Aroclor 1262	ND	31.8	4.04	U
11100-14-4	Aroclor 1268	ND	31.8	3.30	U
1336-36-3	PCBs, Total	ND	31.8	2.83	U

GC Extractable Analysis
Pesticides

Pesticide Sample Data

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:02
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10181217b-19	Analyst	: KEG
Sample Amount	: 15.87 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.61	0.315	U
58-89-9	Lindane	ND	0.670	0.299	U
319-84-6	Alpha-BHC	ND	0.670	0.190	U
319-85-7	Beta-BHC	ND	1.61	0.609	U
76-44-8	Heptachlor	ND	0.804	0.360	U
309-00-2	Aldrin	ND	1.61	0.566	U
1024-57-3	Heptachlor epoxide	ND	3.01	0.904	U
72-20-8	Endrin	ND	0.670	0.274	U
7421-93-4	Endrin aldehyde	ND	2.01	0.703	U
53494-70-5	Endrin ketone	ND	1.61	0.414	U
60-57-1	Dieldrin	ND	1.00	0.502	U
72-55-9	4,4'-DDE	ND	1.61	0.372	U
72-54-8	4,4'-DDD	ND	1.61	0.573	U
50-29-3	4,4'-DDT	ND	3.01	1.29	U
959-98-8	Endosulfan I	ND	1.61	0.380	U
33213-65-9	Endosulfan II	ND	1.61	0.537	U
1031-07-8	Endosulfan sulfate	ND	0.670	0.319	U
72-43-5	Methoxychlor	ND	3.01	0.937	U
8001-35-2	Toxaphene	ND	30.1	8.44	U
5103-71-9	cis-Chlordane	ND	2.01	0.560	U
5103-74-2	trans-Chlordane	ND	2.01	0.530	U
57-74-9	Chlordane	ND	13.0	5.32	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-02	Date Collected	: 12/14/18 09:10
Client ID	: SF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:14
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10181217b-20	Analyst	: KEG
Sample Amount	: 15.2 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 94
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.67	0.328	U
58-89-9	Lindane	ND	0.698	0.312	U
319-84-6	Alpha-BHC	ND	0.698	0.198	U
319-85-7	Beta-BHC	ND	1.67	0.635	U
76-44-8	Heptachlor	ND	0.837	0.375	U
309-00-2	Aldrin	ND	1.67	0.590	U
1024-57-3	Heptachlor epoxide	ND	3.14	0.942	U
72-20-8	Endrin	ND	0.698	0.286	U
7421-93-4	Endrin aldehyde	ND	2.09	0.732	U
53494-70-5	Endrin ketone	ND	1.67	0.431	U
60-57-1	Dieldrin	ND	1.05	0.523	U
72-55-9	4,4'-DDE	ND	1.67	0.387	U
72-54-8	4,4'-DDD	ND	1.67	0.597	U
50-29-3	4,4'-DDT	ND	3.14	1.35	U
959-98-8	Endosulfan I	ND	1.67	0.396	U
33213-65-9	Endosulfan II	ND	1.67	0.560	U
1031-07-8	Endosulfan sulfate	ND	0.698	0.332	U
72-43-5	Methoxychlor	ND	3.14	0.977	U
8001-35-2	Toxaphene	ND	31.4	8.79	U
5103-71-9	cis-Chlordane	ND	2.09	0.583	U
5103-74-2	trans-Chlordane	ND	2.09	0.552	U
57-74-9	Chlordane	ND	13.6	5.55	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-10	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:27
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10181217b-21	Analyst	: KEG
Sample Amount	: 15.62 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 91
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.69	0.330	U
58-89-9	Lindane	ND	0.703	0.314	U
319-84-6	Alpha-BHC	ND	0.703	0.200	U
319-85-7	Beta-BHC	ND	1.69	0.640	U
76-44-8	Heptachlor	ND	0.843	0.378	U
309-00-2	Aldrin	ND	1.69	0.594	U
1024-57-3	Heptachlor epoxide	ND	3.16	0.949	U
72-20-8	Endrin	ND	0.703	0.288	U
7421-93-4	Endrin aldehyde	ND	2.11	0.738	U
53494-70-5	Endrin ketone	ND	1.69	0.434	U
60-57-1	Dieldrin	ND	1.05	0.527	U
72-55-9	4,4'-DDE	ND	1.69	0.390	U
72-54-8	4,4'-DDD	ND	1.69	0.602	U
50-29-3	4,4'-DDT	ND	3.16	1.36	U
959-98-8	Endosulfan I	ND	1.69	0.398	U
33213-65-9	Endosulfan II	ND	1.69	0.564	U
1031-07-8	Endosulfan sulfate	ND	0.703	0.334	U
72-43-5	Methoxychlor	ND	3.16	0.984	U
8001-35-2	Toxaphene	ND	31.6	8.85	U
5103-71-9	cis-Chlordane	ND	2.11	0.587	U
5103-74-2	trans-Chlordane	ND	2.11	0.556	U
57-74-9	Chlordane	ND	13.7	5.59	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-11	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 03:39
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10181217b-22	Analyst	: KEG
Sample Amount	: 15.84 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: 92
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.66	0.324	U
58-89-9	Lindane	ND	0.690	0.308	U
319-84-6	Alpha-BHC	ND	0.690	0.196	U
319-85-7	Beta-BHC	ND	1.66	0.628	U
76-44-8	Heptachlor	ND	0.828	0.371	U
309-00-2	Aldrin	ND	1.66	0.583	U
1024-57-3	Heptachlor epoxide	ND	3.10	0.931	U
72-20-8	Endrin	ND	0.690	0.283	U
7421-93-4	Endrin aldehyde	ND	2.07	0.724	U
53494-70-5	Endrin ketone	ND	1.66	0.426	U
60-57-1	Dieldrin	ND	1.03	0.517	U
72-55-9	4,4'-DDE	ND	1.66	0.383	U
72-54-8	4,4'-DDD	ND	1.66	0.591	U
50-29-3	4,4'-DDT	ND	3.10	1.33	U
959-98-8	Endosulfan I	ND	1.66	0.391	U
33213-65-9	Endosulfan II	ND	1.66	0.553	U
1031-07-8	Endosulfan sulfate	ND	0.690	0.328	U
72-43-5	Methoxychlor	ND	3.10	0.966	U
8001-35-2	Toxaphene	ND	31.0	8.69	U
5103-71-9	cis-Chlordane	ND	2.07	0.577	U
5103-74-2	trans-Chlordane	ND	2.07	0.546	U
57-74-9	Chlordane	ND	13.4	5.48	U

Form 1
GC Organics

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1189834-1	Date Collected	: NA
Client ID	: WG1189834-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/18/18 00:19
Sample Matrix	: SOIL	Date Extracted	: 12/15/18
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 10181217b-06	Analyst	: KEG
Sample Amount	: 15.47 g	Instrument ID	: PEST10
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.55	0.304	U
58-89-9	Lindane	ND	0.646	0.289	U
319-84-6	Alpha-BHC	ND	0.646	0.184	U
319-85-7	Beta-BHC	ND	1.55	0.588	U
76-44-8	Heptachlor	ND	0.776	0.348	U
309-00-2	Aldrin	ND	1.55	0.546	U
1024-57-3	Heptachlor epoxide	ND	2.91	0.873	U
72-20-8	Endrin	ND	0.646	0.265	U
7421-93-4	Endrin aldehyde	ND	1.94	0.679	U
53494-70-5	Endrin ketone	ND	1.55	0.399	U
60-57-1	Dieldrin	ND	0.970	0.485	U
72-55-9	4,4'-DDE	ND	1.55	0.359	U
72-54-8	4,4'-DDD	ND	1.55	0.553	U
50-29-3	4,4'-DDT	ND	2.91	1.25	U
959-98-8	Endosulfan I	ND	1.55	0.366	U
33213-65-9	Endosulfan II	ND	1.55	0.518	U
1031-07-8	Endosulfan sulfate	ND	0.646	0.308	U
72-43-5	Methoxychlor	ND	2.91	0.905	U
8001-35-2	Toxaphene	ND	29.1	8.14	U
5103-71-9	cis-Chlordane	ND	1.94	0.540	U
5103-74-2	trans-Chlordane	ND	1.94	0.512	U
57-74-9	Chlordane	ND	12.6	5.14	U

Metals

Inorganic Data
(ICP Analysis)

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-02	**Date Collected**	: 12/14/18 09:10
Client ID	: SF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 22:28
Sample Matrix	: SOIL	**Dilution Factor**	: 2
Analytical Method	: 1,6010D	**Analyst**	: MC
Lab File ID	: WG1190523.pdf	**Instrument ID**	: TRACE7
Sample Amount	: 1.284g	**%Solids**	: 94
Digestion Method	: EPA 3050B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	7630	8.26	2.23	
7439-89-6	Iron, Total	18400	4.13	0.746	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 22:32
Sample Matrix	: SOIL	**Dilution Factor**	: 2
Analytical Method	: 1,6010D	**Analyst**	: MC
Lab File ID	: WG1190523.pdf	**Instrument ID**	: TRACE7
Sample Amount	: 1.288g	**%Solids**	: 91
Digestion Method	: EPA 3050B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	7590	8.52	2.30	
7439-89-6	Iron, Total	18400	4.26	0.770	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-11	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 22:36
Sample Matrix	: SOIL	**Dilution Factor**	: 2
Analytical Method	: 1,6010D	**Analyst**	: MC
Lab File ID	: WG1190523.pdf	**Instrument ID**	: TRACE7
Sample Amount	: 1.32g	**%Solids**	: 92
Digestion Method	: EPA 3050B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	7830	8.28	2.24	
7439-89-6	Iron, Total	19200	4.14	0.748	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1190473-1	**Date Collected**	: NA
Client ID	: WG1190473-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/18/18 22:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,6010D	**Analyst**	: MC
Lab File ID	: WG1190523.pdf	**Instrument ID**	: TRACE7
Sample Amount	: 1.25g	**%Solids**	: NA
Digestion Method	: EPA 3050B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	ND	4.00	1.08	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-01	Date Collected	: 12/14/18 09:00
Client ID	: SF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 15:22
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: WG1190508.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.264g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 12/18/18

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	8610	8.41	2.27	
7440-36-0	Antimony, Total	ND	4.20	0.319	U
7440-38-2	Arsenic, Total	5.43	0.841	0.175	
7440-39-3	Barium, Total	57.5	0.841	0.146	
7440-41-7	Beryllium, Total	0.387	0.420	0.028	J
7440-43-9	Cadmium, Total	ND	0.841	0.082	U
7440-70-2	Calcium, Total	5060	8.41	2.94	
7440-47-3	Chromium, Total	11.3	0.841	0.081	
7440-48-4	Cobalt, Total	8.07	1.68	0.140	
7440-50-8	Copper, Total	22.6	0.841	0.217	
7439-89-6	Iron, Total	21100	4.20	0.759	
7439-92-1	Lead, Total	8.74	4.20	0.225	
7439-95-4	Magnesium, Total	4730	8.41	1.29	
7439-96-5	Manganese, Total	474	0.841	0.134	
7440-02-0	Nickel, Total	17.6	2.10	0.203	
7440-09-7	Potassium, Total	440	210	12.1	
7782-49-2	Selenium, Total	0.370	1.68	0.217	J
7440-22-4	Silver, Total	ND	0.841	0.238	U
7440-23-5	Sodium, Total	28.5	168	2.65	J
7440-28-0	Thallium, Total	ND	1.68	0.265	U
7440-62-2	Vanadium, Total	12.2	0.841	0.171	
7440-66-6	Zinc, Total	56.8	4.20	0.246	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-02	Date Collected	: 12/14/18 09:10
Client ID	: SF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 17:23
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: WG1190508.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.284g	%Solids	: 94
Digestion Method	: EPA 3050B	Date Digested	: 12/18/18

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-36-0	Antimony, Total	ND	4.13	0.314	U
7440-38-2	Arsenic, Total	5.80	0.826	0.172	
7440-39-3	Barium, Total	77.2	0.826	0.144	
7440-41-7	Beryllium, Total	0.405	0.413	0.027	J
7440-43-9	Cadmium, Total	ND	0.826	0.081	U
7440-70-2	Calcium, Total	8200	8.26	2.89	
7440-47-3	Chromium, Total	11.1	0.826	0.079	
7440-48-4	Cobalt, Total	8.11	1.65	0.137	
7440-50-8	Copper, Total	23.6	0.826	0.213	
7439-92-1	Lead, Total	8.73	4.13	0.221	
7439-95-4	Magnesium, Total	5160	8.26	1.27	
7439-96-5	Manganese, Total	586	0.826	0.131	
7440-02-0	Nickel, Total	18.1	2.06	0.200	
7440-09-7	Potassium, Total	426	206	11.9	
7782-49-2	Selenium, Total	ND	1.65	0.213	U
7440-22-4	Silver, Total	ND	0.826	0.234	U
7440-23-5	Sodium, Total	29.6	165	2.60	J
7440-28-0	Thallium, Total	ND	1.65	0.260	U
7440-62-2	Vanadium, Total	12.1	0.826	0.168	
7440-66-6	Zinc, Total	56.2	4.13	0.242	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-10	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-1	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 17:28
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: WG1190508.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.288g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 12/18/18

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-36-0	Antimony, Total	ND	4.26	0.324	U
7440-38-2	Arsenic, Total	5.41	0.852	0.177	
7440-39-3	Barium, Total	49.0	0.852	0.148	
7440-41-7	Beryllium, Total	0.375	0.426	0.028	J
7440-43-9	Cadmium, Total	ND	0.852	0.084	U
7440-70-2	Calcium, Total	9600	8.52	2.98	
7440-47-3	Chromium, Total	10.1	0.852	0.082	
7440-48-4	Cobalt, Total	7.55	1.70	0.141	
7440-50-8	Copper, Total	22.6	0.852	0.220	
7439-92-1	Lead, Total	7.64	4.26	0.228	
7439-95-4	Magnesium, Total	5080	8.52	1.31	
7439-96-5	Manganese, Total	489	0.852	0.136	
7440-02-0	Nickel, Total	16.1	2.13	0.206	
7440-09-7	Potassium, Total	400	213	12.3	
7782-49-2	Selenium, Total	ND	1.70	0.220	U
7440-22-4	Silver, Total	ND	0.852	0.241	U
7440-23-5	Sodium, Total	29.8	170	2.68	J
7440-28-0	Thallium, Total	ND	1.70	0.268	U
7440-62-2	Vanadium, Total	11.5	0.852	0.173	
7440-66-6	Zinc, Total	52.2	4.26	0.250	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: L1851564-11	Date Collected	: 12/14/18 09:44
Client ID	: BF-C-2	Date Received	: 12/14/18
Sample Location	: WYNANTSKILL, NY	Date Analyzed	: 12/18/18 17:34
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: AB
Lab File ID	: WG1190508.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.32g	%Solids	: 92
Digestion Method	: EPA 3050B	Date Digested	: 12/18/18

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-36-0	Antimony, Total	ND	4.14	0.315	U
7440-38-2	Arsenic, Total	5.79	0.828	0.172	
7440-39-3	Barium, Total	50.9	0.828	0.144	
7440-41-7	Beryllium, Total	0.348	0.414	0.027	J
7440-43-9	Cadmium, Total	ND	0.828	0.081	U
7440-70-2	Calcium, Total	8830	8.28	2.90	
7440-47-3	Chromium, Total	10.1	0.828	0.080	
7440-48-4	Cobalt, Total	7.95	1.66	0.137	
7440-50-8	Copper, Total	22.9	0.828	0.214	
7439-92-1	Lead, Total	8.24	4.14	0.222	
7439-95-4	Magnesium, Total	5090	8.28	1.28	
7439-96-5	Manganese, Total	474	0.828	0.132	
7440-02-0	Nickel, Total	16.9	2.07	0.200	
7440-09-7	Potassium, Total	408	207	11.9	
7782-49-2	Selenium, Total	0.232	1.66	0.214	J
7440-22-4	Silver, Total	ND	0.828	0.234	U
7440-23-5	Sodium, Total	29.8	166	2.61	J
7440-28-0	Thallium, Total	ND	1.66	0.261	U
7440-62-2	Vanadium, Total	11.3	0.828	0.168	
7440-66-6	Zinc, Total	55.0	4.14	0.242	

Form 1
METALS

Client	: Envirospec Engineering, PLLC	Lab Number	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	Project Number	:
Lab ID	: WG1190473-1	Date Collected	: NA
Client ID	: WG1190473-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/18/18 11:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1190508.pdf	Instrument ID	: TRACE4
Sample Amount	: 1.25g	%Solids	: NA
Digestion Method	: EPA 3050B	Date Digested	: 12/18/18

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-36-0	Antimony, Total	ND	2.00	0.152	U
7440-38-2	Arsenic, Total	ND	0.400	0.083	U
7440-39-3	Barium, Total	ND	0.400	0.070	U
7440-41-7	Beryllium, Total	ND	0.200	0.013	U
7440-43-9	Cadmium, Total	ND	0.400	0.039	U
7440-70-2	Calcium, Total	1.51	4.00	1.40	J
7440-47-3	Chromium, Total	ND	0.400	0.038	U
7440-48-4	Cobalt, Total	ND	0.800	0.066	U
7440-50-8	Copper, Total	ND	0.400	0.103	U
7439-89-6	Iron, Total	2.45	2.00	0.361	
7439-92-1	Lead, Total	ND	2.00	0.107	U
7439-95-4	Magnesium, Total	ND	4.00	0.616	U
7439-96-5	Manganese, Total	0.080	0.400	0.064	J
7440-02-0	Nickel, Total	ND	1.00	0.097	U
7440-09-7	Potassium, Total	ND	100	5.76	U
7782-49-2	Selenium, Total	ND	0.800	0.103	U
7440-22-4	Silver, Total	ND	0.400	0.113	U
7440-23-5	Sodium, Total	1.46	80.0	1.26	J
7440-28-0	Thallium, Total	ND	0.800	0.126	U
7440-62-2	Vanadium, Total	ND	0.400	0.081	U
7440-66-6	Zinc, Total	ND	2.00	0.117	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1190473-4	**Date Collected**	: 12/14/18 12:15
Client ID	: WG1190473-4 DUP	**Date Received**	: 12/14/18
Sample Location	:	**Date Analyzed**	: 12/18/18 11:47
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,6010D	**Analyst**	: LC
Lab File ID	: WG1190508.pdf	**Instrument ID**	: TRACE4
Sample Amount	: 1.304g	**%Solids**	: 72
Digestion Method	: EPA 3050B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-92-1	Lead, Total	63.2	2.66	0.142	

Inorganic Data
(Mercury Analysis)

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1190450-1	**Date Collected**	: NA
Client ID	: WG1190450-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/18/18 11:57
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: BV
Lab File ID	: HG121818ACOPY	**Instrument ID**	: FIMS4
Sample Amount	: 0.3g	**%Solids**	: NA
Digestion Method	: EPA 7471B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.083	0.018	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-01	**Date Collected**	: 12/14/18 09:00
Client ID	: SF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 20:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: EA
Lab File ID	: HG121818BB	**Instrument ID**	: FIMS4
Sample Amount	: 0.399g	**%Solids**	: 94
Digestion Method	: EPA 7471B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.067	0.014	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-02	**Date Collected**	: 12/14/18 09:10
Client ID	: SF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 20:07
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: EA
Lab File ID	: HG121818BB	**Instrument ID**	: FIMS4
Sample Amount	: 0.399g	**%Solids**	: 94
Digestion Method	: EPA 7471B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.066	0.014	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 20:09
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: EA
Lab File ID	: HG121818BB	**Instrument ID**	: FIMS4
Sample Amount	: 0.393g	**%Solids**	: 91
Digestion Method	: EPA 7471B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.070	0.015	U

Form 1
METALS

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-11	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/18/18 20:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: EA
Lab File ID	: HG121818BB	**Instrument ID**	: FIMS4
Sample Amount	: 0.395g	**%Solids**	: 92
Digestion Method	: EPA 7471B	**Date Digested**	: 12/18/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.069	0.015	U

Wet Chemistry

Cyanide Analysis

Results

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-01	**Date Collected**	: 12/14/18 09:00
Client ID	: SF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 11:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_12-17-2018_10-42-20AM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0648g	**%Solids**	: 94
Digestion Method	:	**Date Digested**	: 12/17/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.0	0.21	U

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-02	**Date Collected**	: 12/14/18 09:10
Client ID	: SF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 11:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_12-17-2018_10-42-20AM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0903g	**%Solids**	: 94
Digestion Method	:	**Date Digested**	: 12/17/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.97	0.21	U

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 11:06
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_12-17-2018_10-42-20AM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0207g	**%Solids**	: 91
Digestion Method	:	**Date Digested**	: 12/17/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.1	0.23	U

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-11	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/17/18 11:09
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_12-17-2018_10-42-20AM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0318g	**%Solids**	: 92
Digestion Method	:	**Date Digested**	: 12/17/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	1.0	0.22	U

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1190050-1	**Date Collected**	: NA
Client ID	: WG1190050-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/17/18 10:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,9010C/9012B	**Analyst**	: LHK
Lab File ID	: OM_12-17-2018_10-42-20AM	**Instrument ID**	: LACHAT
Sample Amount	: 1.0321g	**%Solids**	: NA
Digestion Method	:	**Date Digested**	: 12/17/18

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
57-12-5	Cyanide, Total	ND	0.94	0.20	U

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-01	**Date Collected**	: 12/14/18 09:00
Client ID	: SF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189838.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.1**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-02	**Date Collected**	: 12/14/18 09:10
Client ID	: SF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189838.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Solids, Total	94.3	0.100	NA	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-03	**Date Collected**	: 12/14/18 09:33
Client ID	: SF-D-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.3**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-04	**Date Collected**	: 12/14/18 09:39
Client ID	: SF-D-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.4**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-05	**Date Collected**	: 12/14/18 09:35
Client ID	: SF-D-3	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**93.7**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-06	**Date Collected**	: 12/14/18 09:22
Client ID	: SF-D-4	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 93
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**93.1**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-07	**Date Collected**	: 12/14/18 09:41
Client ID	: SF-D-5	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 86
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**86.3**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-08	**Date Collected**	: 12/14/18 09:20
Client ID	: SF-D-6	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.0**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-09	**Date Collected**	: 12/14/18 09:37
Client ID	: SF-D-7	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**93.6**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-10	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189838.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.1**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-11	**Date Collected**	: 12/14/18 09:44
Client ID	: BF-C-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189838.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Solids, Total	91.5	0.100	NA	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-12	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-1	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**90.9**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-13	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-2	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 93
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**92.5**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-14	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-3	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.6**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-15	**Date Collected**	: 12/14/18 09:25
Client ID	: BF-D-4	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**91.5**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-16	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-5	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**92.3**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-17	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-6	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 91
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	Solids, Total	90.6	0.100	NA	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: L1851564-18	**Date Collected**	: 12/14/18 09:28
Client ID	: BF-D-7	**Date Received**	: 12/14/18
Sample Location	: WYNANTSKILL, NY	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 92
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**92.2**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1189838-1	**Date Collected**	: 11/30/18 11:45
Client ID	: WG1189838-1 DUP	**Date Received**	: 11/30/18
Sample Location	:	**Date Analyzed**	: 12/15/18 15:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189838.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 89
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**89.7**	**0.100**	**NA**	

Form 1
WETCHEM

Client	: Envirospec Engineering, PLLC	**Lab Number**	: L1851564
Project Name	: FANE SOILS GREEN ISLAND PROJ.	**Project Number**	:
Lab ID	: WG1189840-1	**Date Collected**	: 12/14/18 09:33
Client ID	: SF-D-1DUP	**Date Received**	: 12/14/18
Sample Location	:	**Date Analyzed**	: 12/15/18 15:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 121,2540G	**Analyst**	: RI
Lab File ID	: WG1189840.pdf	**Instrument ID**	: BALANCE#47
Sample Amount	:	**%Solids**	: 94
Digestion Method	:	**Date Digested**	:

		%			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
NONE	**Solids, Total**	**94.5**	**0.100**	**NA**	

ANALYTICAL REPORT

Lab Number:	L1851564
Client:	Envirospec Engineering, PLLC 349 Northern Blvd. Ste. 3 Albany, NY 12204
ATTN:	Rachel Farnum
Phone:	(518) 453-2203
Project Name:	FANE SOILS GREEN ISLAND PROJ.
Project Number:	Not Specified
Report Date:	12/19/18

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1851564-01	SF-C-1	SOIL	WYNANTSKILL, NY	12/14/18 09:00	12/14/18
L1851564-02	SF-C-2	SOIL	WYNANTSKILL, NY	12/14/18 09:10	12/14/18
L1851564-03	SF-D-1	SOIL	WYNANTSKILL, NY	12/14/18 09:33	12/14/18
L1851564-04	SF-D-2	SOIL	WYNANTSKILL, NY	12/14/18 09:39	12/14/18
L1851564-05	SF-D-3	SOIL	WYNANTSKILL, NY	12/14/18 09:35	12/14/18
L1851564-06	SF-D-4	SOIL	WYNANTSKILL, NY	12/14/18 09:22	12/14/18
L1851564-07	SF-D-5	SOIL	WYNANTSKILL, NY	12/14/18 09:41	12/14/18
L1851564-08	SF-D-6	SOIL	WYNANTSKILL, NY	12/14/18 09:20	12/14/18
L1851564-09	SF-D-7	SOIL	WYNANTSKILL, NY	12/14/18 09:37	12/14/18
L1851564-10	BF-C-1	SOIL	WYNANTSKILL, NY	12/14/18 09:44	12/14/18
L1851564-11	BF-C-2	SOIL	WYNANTSKILL, NY	12/14/18 09:44	12/14/18
L1851564-12	BF-D-1	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-13	BF-D-2	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-14	BF-D-3	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-15	BF-D-4	SOIL	WYNANTSKILL, NY	12/14/18 09:25	12/14/18
L1851564-16	BF-D-5	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18
L1851564-17	BF-D-6	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18
L1851564-18	BF-D-7	SOIL	WYNANTSKILL, NY	12/14/18 09:28	12/14/18

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564
Project Number: Not Specified **Report Date:** 12/19/18

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:	FANE SOILS GREEN ISLAND PROJ.	**Lab Number:**	L1851564
Project Number:	Not Specified	**Report Date:**	12/19/18

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.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L1851564-01, -02, -10 and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1190473-1 Method Blank, associated with L1851564-01, -02, -10, and -11, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

Cyanide, Total

The WG1190050-2 LCS recovery (41%), associated with L1851564-01, -02, -10, and -11, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1190050-2/-3 LCS/LCSD RPD (67%), associated with L1851564-01, -02, -10, and -11, is above the acceptance criteria.

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: Melissa Cripps Melissa Cripps

Title: Technical Director/Representative Date: 12/19/18

ORGANICS

VOLATILES

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-03
Client ID: SF-D-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:33
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/17/18 21:54
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-03 Date Collected: 12/14/18 09:33

Client ID: SF-D-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	100	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-03 Date Collected: 12/14/18 09:33

Client ID: SF-D-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	93		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-04
Client ID: SF-D-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:39
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/17/18 22:20
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.78	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.78	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.78	0.10	1
Dibromochloromethane	ND		ug/kg	0.78	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.78	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	0.57	J	ug/kg	0.78	0.42	1
Ethylbenzene	ND		ug/kg	0.78	0.11	1
Chloromethane	ND		ug/kg	3.1	0.73	1
Bromomethane	ND		ug/kg	1.6	0.45	1
Vinyl chloride	ND		ug/kg	0.78	0.26	1
Chloroethane	ND		ug/kg	1.6	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.39	0.11	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-04 Date Collected: 12/14/18 09:39

Client ID: SF-D-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.44	1
o-Xylene	ND		ug/kg	0.78	0.23	1
Xylenes, Total	ND		ug/kg	0.78	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.78	0.11	1
Styrene	ND		ug/kg	0.78	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.71	1
Acetone	ND		ug/kg	7.8	3.8	1
Carbon disulfide	ND		ug/kg	7.8	3.5	1
2-Butanone	ND		ug/kg	7.8	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	1.0	1
2-Hexanone	ND		ug/kg	7.8	0.92	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.78	0.22	1
n-Butylbenzene	ND		ug/kg	0.78	0.13	1
sec-Butylbenzene	ND		ug/kg	0.78	0.11	1
tert-Butylbenzene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.78	1
Isopropylbenzene	ND		ug/kg	0.78	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.78	0.09	1
Naphthalene	ND		ug/kg	3.1	0.51	1
n-Propylbenzene	ND		ug/kg	0.78	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.26	1
Methyl Acetate	ND		ug/kg	3.1	0.74	1
Cyclohexane	ND		ug/kg	7.8	0.42	1
1,4-Dioxane	ND		ug/kg	78	27.	1
Freon-113	ND		ug/kg	3.1	0.54	1
Methyl cyclohexane	ND		ug/kg	3.1	0.47	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-04 Date Collected: 12/14/18 09:39

Client ID: SF-D-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	100		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-05
Client ID: SF-D-3
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:35
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/17/18 22:46
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-05 Date Collected: 12/14/18 09:35

Client ID: SF-D-3 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	6.0	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	100	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-05 Date Collected: 12/14/18 09:35

Client ID: SF-D-3 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	102		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-06
Client ID: SF-D-4
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:22
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/17/18 23:12
Analyst: MV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-06 Date Collected: 12/14/18 09:22

Client ID: SF-D-4 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.6	0.52	1
1,4-Dioxane	ND		ug/kg	96	34.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-06 Date Collected: 12/14/18 09:22

Client ID: SF-D-4 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	103		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-07
Client ID: SF-D-5
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:41
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/17/18 23:38
Analyst: MV
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.68	0.18	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-07 Date Collected: 12/14/18 09:41

Client ID: SF-D-5 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	7.3	J	ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	140	48.	1
Freon-113	ND		ug/kg	5.4	0.94	1
Methyl cyclohexane	ND		ug/kg	5.4	0.82	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-07 Date Collected: 12/14/18 09:41

Client ID: SF-D-5 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	101		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-08 Date Collected: 12/14/18 09:20
Client ID: SF-D-6 Date Received: 12/14/18
Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 00:05
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-08 Date Collected: 12/14/18 09:20

Client ID: SF-D-6 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	ND		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.25	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.5	0.84	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	88	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-08 Date Collected: 12/14/18 09:20

Client ID: SF-D-6 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	94		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-09 Date Collected: 12/14/18 09:37
Client ID: SF-D-7 Date Received: 12/14/18
Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 00:31
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-09 Date Collected: 12/14/18 09:37

Client ID: SF-D-7 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	120	43.	1
Freon-113	ND		ug/kg	4.9	0.86	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-09 Date Collected: 12/14/18 09:37

Client ID: SF-D-7 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	94		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-12 Date Collected: 12/14/18 09:25
Client ID: BF-D-1 Date Received: 12/14/18
Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 00:57
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-12 Date Collected: 12/14/18 09:25

Client ID: BF-D-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.83	0.24	1
Xylenes, Total	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.83	0.11	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
n-Propylbenzene	ND		ug/kg	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	83	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-12 Date Collected: 12/14/18 09:25

Client ID: BF-D-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	94		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-13
Client ID: BF-D-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 02:41
Analyst: MV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.68	0.18	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-13 Date Collected: 12/14/18 09:25

Client ID: BF-D-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	140	48.	1
Freon-113	ND		ug/kg	5.4	0.94	1
Methyl cyclohexane	ND		ug/kg	5.4	0.82	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-13 Date Collected: 12/14/18 09:25

Client ID: BF-D-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	99		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-14
Client ID: BF-D-3
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 03:07
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-14 Date Collected: 12/14/18 09:25

Client ID: BF-D-3 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	120	42.	1
Freon-113	ND		ug/kg	4.8	0.82	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-14 Date Collected: 12/14/18 09:25

Client ID: BF-D-3 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	102		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-15
Client ID: BF-D-4
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 03:33
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-15 Date Collected: 12/14/18 09:25
Client ID: BF-D-4 Date Received: 12/14/18
Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	110	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-15 Date Collected: 12/14/18 09:25

Client ID: BF-D-4 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	101		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-16
Client ID: BF-D-5
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:28
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 03:59
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-16 Date Collected: 12/14/18 09:28

Client ID: BF-D-5 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	98	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-16 Date Collected: 12/14/18 09:28

Client ID: BF-D-5 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**134**	Q	70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	106		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-17
Client ID: BF-D-6
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:28
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 09:09
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-17 Date Collected: 12/14/18 09:28

Client ID: BF-D-6 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.87	0.12	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.5	0.83	1
Cyclohexane	ND		ug/kg	8.7	0.48	1
1,4-Dioxane	ND		ug/kg	87	31.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-17 Date Collected: 12/14/18 09:28

Client ID: BF-D-6 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	101		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-18
Client ID: BF-D-7
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:28
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/18 04:51
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.33	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-18 Date Collected: 12/14/18 09:28

Client ID: BF-D-7 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	97	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-18 Date Collected: 12/14/18 09:28

Client ID: BF-D-7 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	102		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/18 08:43
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1190646-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/18 08:43
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1190646-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/18 08:43
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 17 Batch: WG1190646-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	99		70-130

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/17/18 21:28
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-09,12-16,18 Batch: WG1190670-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/17/18 21:28
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-09,12-16,18 Batch: WG1190670-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/17/18 21:28
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-09,12-16,18 Batch: WG1190670-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1190646-3 WG1190646-4								
Methylene chloride	**69**	Q	92		70-130	29		30
1,1-Dichloroethane	100		105		70-130	5		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	100		101		70-130	1		30
Dibromochloromethane	89		89		70-130	0		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	90		88		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	**57**	Q	**58**	Q	70-139	2		30
1,2-Dichloroethane	99		101		70-130	2		30
1,1,1-Trichloroethane	94		93		70-130	1		30
Bromodichloromethane	92		94		70-130	2		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	99		101		70-130	2		30
Bromoform	85		87		70-130	2		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	94		94		70-130	0		30
Toluene	94		93		70-130	1		30
Ethylbenzene	97		96		70-130	1		30
Chloromethane	108		101		52-130	7		30
Bromomethane	58		59		57-147	2		30
Vinyl chloride	79		**66**	Q	67-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1190646-3 WG1190646-4								
Chloroethane	58		60		50-151	3		30
1,1-Dichloroethene	100		100		65-135	0		30
trans-1,2-Dichloroethene	76		98		70-130	25		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	93		91		70-130	2		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	82		107		66-130	26		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	84		84		70-130	0		30
Dichlorodifluoromethane	84		82		30-146	2		30
Acetone	98		**142**	Q	54-140	**37**	Q	30
Carbon disulfide	96		98		59-130	2		30
2-Butanone	116		123		70-130	6		30
4-Methyl-2-pentanone	97		102		70-130	5		30
2-Hexanone	112		117		70-130	4		30
Bromochloromethane	88		87		70-130	1		30
1,2-Dibromoethane	83		92		70-130	10		30
1,2-Dibromo-3-chloropropane	82		88		68-130	7		30
Isopropylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	94		93		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 17 Batch: WG1190646-3 WG1190646-4								
1,2,4-Trichlorobenzene	95		92		70-130	3		30
Methyl Acetate	88		128		51-146	**37**	Q	30
Cyclohexane	107		105		59-142	2		30
1,4-Dioxane	86		94		65-136	9		30
Freon-113	102		102		50-139	0		30
Methyl cyclohexane	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		115		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	116		115		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-09,12-16,18 Batch: WG1190670-3 WG1190670-4								
Methylene chloride	85		85		70-130	0		30
1,1-Dichloroethane	103		102		70-130	1		30
Chloroform	100		99		70-130	1		30
Carbon tetrachloride	96		95		70-130	1		30
1,2-Dichloropropane	108		108		70-130	0		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	96		93		70-130	3		30
Chlorobenzene	101		98		70-130	3		30
Trichlorofluoromethane	**61**	Q	**59**	Q	70-139	3		30
1,2-Dichloroethane	110		110		70-130	0		30
1,1,1-Trichloroethane	101		99		70-130	2		30
Bromodichloromethane	103		104		70-130	1		30
trans-1,3-Dichloropropene	110		110		70-130	0		30
cis-1,3-Dichloropropene	110		111		70-130	1		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	106		108		70-130	2		30
Benzene	100		99		70-130	1		30
Toluene	100		99		70-130	1		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	65		75		52-130	14		30
Bromomethane	60		60		57-147	0		30
Vinyl chloride	76		**61**	Q	67-130	22		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-09,12-16,18 Batch: WG1190670-3 WG1190670-4								
Chloroethane	63		62		50-151	2		30
1,1-Dichloroethene	89		86		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	101		99		70-130	2		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	104		104		66-130	0		30
p/m-Xylene	101		99		70-130	2		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Styrene	93		92		70-130	1		30
Dichlorodifluoromethane	46		50		30-146	8		30
Acetone	136		130		54-140	5		30
Carbon disulfide	84		82		59-130	2		30
2-Butanone	124		126		70-130	2		30
4-Methyl-2-pentanone	110		110		70-130	0		30
2-Hexanone	123		125		70-130	2		30
Bromochloromethane	94		94		70-130	0		30
1,2-Dibromoethane	100		100		70-130	0		30
n-Butylbenzene	110		106		70-130	4		30
sec-Butylbenzene	106		105		70-130	1		30
tert-Butylbenzene	104		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-09,12-16,18 Batch: WG1190670-3 WG1190670-4								
1,2-Dibromo-3-chloropropane	93		94		68-130	1		30
Isopropylbenzene	104		102		70-130	2		30
p-Isopropyltoluene	107		103		70-130	4		30
Naphthalene	103		104		70-130	1		30
n-Propylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	102		100		70-130	2		30
1,2,4-Trichlorobenzene	102		98		70-130	4		30
1,3,5-Trimethylbenzene	108		105		70-130	3		30
1,2,4-Trimethylbenzene	109		107		70-130	2		30
Methyl Acetate	127		130		51-146	2		30
Cyclohexane	107		105		59-142	2		30
1,4-Dioxane	78		80		65-136	3		30
Freon-113	93		90		50-139	3		30
Methyl cyclohexane	99		96		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		116		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	113		111		70-130
Dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01
Client ID: SF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:00
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/18/18 03:37
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01 Date Collected: 12/14/18 09:00

Client ID: SF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01 Date Collected: 12/14/18 09:00

Client ID: SF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	69		18-120

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02
Client ID: SF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:10
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/18/18 04:02
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02 Date Collected: 12/14/18 09:10

Client ID: SF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02 Date Collected: 12/14/18 09:10

Client ID: SF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	67		18-120

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10
Client ID: BF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/18/18 04:27
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10 Date Collected: 12/14/18 09:44

Client ID: BF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10 Date Collected: 12/14/18 09:44

Client ID: BF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	74		18-120

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11
Client ID: BF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/18/18 04:53
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11 Date Collected: 12/14/18 09:44

Client ID: BF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11 Date Collected: 12/14/18 09:44

Client ID: BF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	63		18-120

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/17/18 22:34
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189844-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/17/18 22:34
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189844-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified
Lab Number: L1851564
Report Date: 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/17/18 22:34
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189844-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189844-2 WG1189844-3								
Acenaphthene	90		90		31-137	0		50
1,2,4-Trichlorobenzene	80		82		38-107	2		50
Hexachlorobenzene	86		85		40-140	1		50
Bis(2-chloroethyl)ether	71		74		40-140	4		50
2-Chloronaphthalene	87		89		40-140	2		50
1,2-Dichlorobenzene	80		81		40-140	1		50
1,3-Dichlorobenzene	77		79		40-140	3		50
1,4-Dichlorobenzene	78		80		28-104	3		50
3,3'-Dichlorobenzidine	78		75		40-140	4		50
2,4-Dinitrotoluene	116		113		40-132	3		50
2,6-Dinitrotoluene	110		108		40-140	2		50
Fluoranthene	94		94		40-140	0		50
4-Chlorophenyl phenyl ether	93		92		40-140	1		50
4-Bromophenyl phenyl ether	92		93		40-140	1		50
Bis(2-chloroisopropyl)ether	76		77		40-140	1		50
Bis(2-chloroethoxy)methane	80		79		40-117	1		50
Hexachlorobutadiene	84		83		40-140	1		50
Hexachlorocyclopentadiene	86		87		40-140	1		50
Hexachloroethane	79		81		40-140	3		50
Isophorone	86		86		40-140	0		50
Naphthalene	84		85		40-140	1		50
Nitrobenzene	82		83		40-140	1		50
NDPA/DPA	96		94		36-157	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189844-2 WG1189844-3								
n-Nitrosodi-n-propylamine	86		85		32-121	1		50
Bis(2-ethylhexyl)phthalate	102		102		40-140	0		50
Butyl benzyl phthalate	118		118		40-140	0		50
Di-n-butylphthalate	113		113		40-140	0		50
Di-n-octylphthalate	105		106		40-140	1		50
Diethyl phthalate	102		102		40-140	0		50
Dimethyl phthalate	96		95		40-140	1		50
Benzo(a)anthracene	92		93		40-140	1		50
Benzo(a)pyrene	105		107		40-140	2		50
Benzo(b)fluoranthene	99		101		40-140	2		50
Benzo(k)fluoranthene	101		100		40-140	1		50
Chrysene	91		91		40-140	0		50
Acenaphthylene	94		93		40-140	1		50
Anthracene	94		96		40-140	2		50
Benzo(ghi)perylene	96		97		40-140	1		50
Fluorene	92		91		40-140	1		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	100		100		40-140	0		50
Indeno(1,2,3-cd)pyrene	98		98		40-140	0		50
Pyrene	91		91		35-142	0		50
Biphenyl	94		94		54-104	0		50
4-Chloroaniline	63		61		40-140	3		50
2-Nitroaniline	117		114		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189844-2 WG1189844-3								
3-Nitroaniline	88		86		26-129	2		50
4-Nitroaniline	110		106		41-125	4		50
Dibenzofuran	90		90		40-140	0		50
2-Methylnaphthalene	89		90		40-140	1		50
1,2,4,5-Tetrachlorobenzene	84		85		40-117	1		50
Acetophenone	88		89		14-144	1		50
2,4,6-Trichlorophenol	98		99		30-130	1		50
p-Chloro-m-cresol	101		101		26-103	0		50
2-Chlorophenol	90		93		25-102	3		50
2,4-Dichlorophenol	100		100		30-130	0		50
2,4-Dimethylphenol	96		94		30-130	2		50
2-Nitrophenol	114		114		30-130	0		50
4-Nitrophenol	**121**	Q	**120**	Q	11-114	1		50
2,4-Dinitrophenol	98		97		4-130	1		50
4,6-Dinitro-o-cresol	115		110		10-130	4		50
Pentachlorophenol	103		103		17-109	0		50
Phenol	79		81		26-90	3		50
2-Methylphenol	86		88		30-130.	2		50
3-Methylphenol/4-Methylphenol	89		90		30-130	1		50
2,4,5-Trichlorophenol	100		96		30-130	4		50
Benzoic Acid	30		36		10-110	18		50
Benzyl Alcohol	93		93		40-140	0		50
Carbazole	96		96		54-128	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189844-2 WG1189844-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		81		25-120
Phenol-d6	78		78		10-120
Nitrobenzene-d5	80		80		23-120
2-Fluorobiphenyl	84		82		30-120
2,4,6-Tribromophenol	97		94		10-136
4-Terphenyl-d14	78		78		18-120

PCBS

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01
Client ID: SF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:00
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/18 20:54
Analyst: WR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 09:52
Cleanup Method: EPA 3665A
Cleanup Date: 12/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.46	1	A
Aroclor 1232	ND		ug/kg	34.5	7.32	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.18	1	A
Aroclor 1254	ND		ug/kg	34.5	3.78	1	A
Aroclor 1260	ND		ug/kg	34.5	6.38	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.58	1	A
PCBs, Total	ND		ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02
Client ID: SF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:10
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/18 21:07
Analyst: WR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 09:52
Cleanup Method: EPA 3665A
Cleanup Date: 12/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.40	1	A
Aroclor 1232	ND		ug/kg	34.0	7.20	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10
Client ID: BF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/18 21:20
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 09:52
Cleanup Method: EPA 3665A
Cleanup Date: 12/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.4	3.06	1	A
Aroclor 1221	ND		ug/kg	34.4	3.45	1	A
Aroclor 1232	ND		ug/kg	34.4	7.30	1	A
Aroclor 1242	ND		ug/kg	34.4	4.64	1	A
Aroclor 1248	ND		ug/kg	34.4	5.17	1	A
Aroclor 1254	ND		ug/kg	34.4	3.77	1	A
Aroclor 1260	ND		ug/kg	34.4	6.37	1	A
Aroclor 1262	ND		ug/kg	34.4	4.38	1	A
Aroclor 1268	ND		ug/kg	34.4	3.57	1	A
PCBs, Total	ND		ug/kg	34.4	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11
Client ID: BF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/18 21:33
Analyst: WR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 09:52
Cleanup Method: EPA 3665A
Cleanup Date: 12/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.52	1	A
Aroclor 1242	ND		ug/kg	35.5	4.78	1	A
Aroclor 1248	ND		ug/kg	35.5	5.32	1	A
Aroclor 1254	ND		ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified
Lab Number: L1851564
Report Date: 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/17/18 12:08
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 12/15/18 09:47
Cleanup Method: EPA 3665A
Cleanup Date: 12/15/18
Cleanup Method: EPA 3660B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189802-1						
Aroclor 1016	ND		ug/kg	31.8	2.83	A
Aroclor 1221	ND		ug/kg	31.8	3.19	A
Aroclor 1232	ND		ug/kg	31.8	6.75	A
Aroclor 1242	ND		ug/kg	31.8	4.29	A
Aroclor 1248	ND		ug/kg	31.8	4.77	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.88	A
Aroclor 1262	ND		ug/kg	31.8	4.04	A
Aroclor 1268	ND		ug/kg	31.8	3.30	A
PCBs, Total	ND		ug/kg	31.8	2.83	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189802-2 WG1189802-3									
Aroclor 1016	85		91		40-140	7		50	A
Aroclor 1260	78		85		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		86		30-150	A
Decachlorobiphenyl	89		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		85		30-150	B
Decachlorobiphenyl	92		98		30-150	B

PESTICIDES

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01
Client ID: SF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:00
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/18 03:02
Analyst: KEG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:01
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.315	1	A
Lindane	ND		ug/kg	0.670	0.299	1	A
Alpha-BHC	ND		ug/kg	0.670	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.609	1	A
Heptachlor	ND		ug/kg	0.804	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.566	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.904	1	A
Endrin	ND		ug/kg	0.670	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.703	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	ND		ug/kg	1.61	0.372	1	A
4,4'-DDD	ND		ug/kg	1.61	0.573	1	A
4,4'-DDT	ND		ug/kg	3.01	1.29	1	A
Endosulfan I	ND		ug/kg	1.61	0.380	1	A
Endosulfan II	ND		ug/kg	1.61	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.670	0.319	1	A
Methoxychlor	ND		ug/kg	3.01	0.937	1	A
Toxaphene	ND		ug/kg	30.1	8.44	1	A
cis-Chlordane	ND		ug/kg	2.01	0.560	1	A
trans-Chlordane	ND		ug/kg	2.01	0.530	1	A
Chlordane	ND		ug/kg	13.0	5.32	1	A

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01 Date Collected: 12/14/18 09:00

Client ID: SF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02
Client ID: SF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:10
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/18 03:14
Analyst: KEG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:01
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	3.14	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.396	1	A
Endosulfan II	ND		ug/kg	1.67	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.6	5.55	1	A

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02 Date Collected: 12/14/18 09:10

Client ID: SF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10
Client ID: BF-C-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/18 03:27
Analyst: KEG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:02
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	13.7	5.59	1	A

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10 Date Collected: 12/14/18 09:44

Client ID: BF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	81		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11
Client ID: BF-C-2
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/18 03:39
Analyst: KEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:02
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.324	1	A
Lindane	ND		ug/kg	0.690	0.308	1	A
Alpha-BHC	ND		ug/kg	0.690	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.628	1	A
Heptachlor	ND		ug/kg	0.828	0.371	1	A
Aldrin	ND		ug/kg	1.66	0.583	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.931	1	A
Endrin	ND		ug/kg	0.690	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.724	1	A
Endrin ketone	ND		ug/kg	1.66	0.426	1	A
Dieldrin	ND		ug/kg	1.03	0.517	1	A
4,4'-DDE	ND		ug/kg	1.66	0.383	1	A
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.391	1	A
Endosulfan II	ND		ug/kg	1.66	0.553	1	A
Endosulfan sulfate	ND		ug/kg	0.690	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.966	1	A
Toxaphene	ND		ug/kg	31.0	8.69	1	A
cis-Chlordane	ND		ug/kg	2.07	0.577	1	A
trans-Chlordane	ND		ug/kg	2.07	0.546	1	A
Chlordane	ND		ug/kg	13.4	5.48	1	A

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11 Date Collected: 12/14/18 09:44

Client ID: BF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	83		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/18 00:19
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:01
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189834-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.6	5.14	A

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified
Lab Number: L1851564
Report Date: 12/19/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/18 00:19
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 12/15/18 11:01
Cleanup Method: EPA 3620B
Cleanup Date: 12/15/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1189834-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	70		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189834-2 WG1189834-3									
Delta-BHC	98		109		30-150	11		30	A
Lindane	96		105		30-150	9		30	A
Alpha-BHC	101		110		30-150	9		30	A
Beta-BHC	105		111		30-150	6		30	A
Heptachlor	66		77		30-150	15		30	A
Aldrin	87		94		30-150	8		30	A
Heptachlor epoxide	102		111		30-150	8		30	A
Endrin	104		112		30-150	7		30	A
Endrin aldehyde	88		98		30-150	11		30	A
Endrin ketone	104		115		30-150	10		30	A
Dieldrin	113		113		30-150	0		30	A
4,4'-DDE	93		106		30-150	13		30	A
4,4'-DDD	108		115		30-150	6		30	A
4,4'-DDT	105		115		30-150	9		30	A
Endosulfan I	88		98		30-150	11		30	A
Endosulfan II	99		110		30-150	11		30	A
Endosulfan sulfate	98		107		30-150	9		30	A
Methoxychlor	115		126		30-150	9		30	A
cis-Chlordane	80		83		30-150	4		30	A
trans-Chlordane	97		104		30-150	7		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1189834-2 WG1189834-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	B
Decachlorobiphenyl	107		117		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		103		30-150	A
Decachlorobiphenyl	72		80		30-150	A

METALS

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01 Date Collected: 12/14/18 09:00

Client ID: SF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8610		mg/kg	8.41	2.27	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.20	0.319	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Arsenic, Total	5.43		mg/kg	0.841	0.175	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Barium, Total	57.5		mg/kg	0.841	0.146	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Beryllium, Total	0.387	J	mg/kg	0.420	0.028	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.841	0.082	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Calcium, Total	5060		mg/kg	8.41	2.94	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Chromium, Total	11.3		mg/kg	0.841	0.081	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Cobalt, Total	8.07		mg/kg	1.68	0.140	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Copper, Total	22.6		mg/kg	0.841	0.217	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Iron, Total	21100		mg/kg	4.20	0.759	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Lead, Total	8.74		mg/kg	4.20	0.225	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Magnesium, Total	4730		mg/kg	8.41	1.29	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Manganese, Total	474		mg/kg	0.841	0.134	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.067	0.014	1	12/18/18 05:30	12/18/18 20:06	EPA 7471B	1,7471B	EA
Nickel, Total	17.6		mg/kg	2.10	0.203	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Potassium, Total	440		mg/kg	210	12.1	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Selenium, Total	0.370	J	mg/kg	1.68	0.217	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.841	0.238	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Sodium, Total	28.5	J	mg/kg	168	2.65	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.68	0.265	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Vanadium, Total	12.2		mg/kg	0.841	0.171	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB
Zinc, Total	56.8		mg/kg	4.20	0.246	2	12/18/18 09:10	12/18/18 15:22	EPA 3050B	1,6010D	AB

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02 Date Collected: 12/14/18 09:10

Client ID: SF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7630		mg/kg	8.26	2.23	2	12/18/18 09:10	12/18/18 22:28	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.13	0.314	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Arsenic, Total	5.80		mg/kg	0.826	0.172	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Barium, Total	77.2		mg/kg	0.826	0.144	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Beryllium, Total	0.405	J	mg/kg	0.413	0.027	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.826	0.081	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Calcium, Total	8200		mg/kg	8.26	2.89	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Chromium, Total	11.1		mg/kg	0.826	0.079	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Cobalt, Total	8.11		mg/kg	1.65	0.137	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Copper, Total	23.6		mg/kg	0.826	0.213	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Iron, Total	18400		mg/kg	4.13	0.746	2	12/18/18 09:10	12/18/18 22:28	EPA 3050B	1,6010D	MC
Lead, Total	8.73		mg/kg	4.13	0.221	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Magnesium, Total	5160		mg/kg	8.26	1.27	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Manganese, Total	586		mg/kg	0.826	0.131	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	12/18/18 05:30	12/18/18 20:07	EPA 7471B	1,7471B	EA
Nickel, Total	18.1		mg/kg	2.06	0.200	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Potassium, Total	426		mg/kg	206	11.9	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.65	0.213	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.826	0.234	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Sodium, Total	29.6	J	mg/kg	165	2.60	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.65	0.260	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Vanadium, Total	12.1		mg/kg	0.826	0.168	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB
Zinc, Total	56.2		mg/kg	4.13	0.242	2	12/18/18 09:10	12/18/18 17:23	EPA 3050B	1,6010D	AB

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10 Date Collected: 12/14/18 09:44

Client ID: BF-C-1 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7590		mg/kg	8.52	2.30	2	12/18/18 09:10	12/18/18 22:32	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.26	0.324	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Arsenic, Total	5.41		mg/kg	0.852	0.177	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Barium, Total	49.0		mg/kg	0.852	0.148	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Beryllium, Total	0.375	J	mg/kg	0.426	0.028	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.852	0.084	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Calcium, Total	9600		mg/kg	8.52	2.98	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Chromium, Total	10.1		mg/kg	0.852	0.082	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Cobalt, Total	7.55		mg/kg	1.70	0.141	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Copper, Total	22.6		mg/kg	0.852	0.220	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Iron, Total	18400		mg/kg	4.26	0.770	2	12/18/18 09:10	12/18/18 22:32	EPA 3050B	1,6010D	MC
Lead, Total	7.64		mg/kg	4.26	0.228	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Magnesium, Total	5080		mg/kg	8.52	1.31	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Manganese, Total	489		mg/kg	0.852	0.136	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.070	0.015	1	12/18/18 05:30	12/18/18 20:09	EPA 7471B	1,7471B	EA
Nickel, Total	16.1		mg/kg	2.13	0.206	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Potassium, Total	400		mg/kg	213	12.3	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.70	0.220	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.852	0.241	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Sodium, Total	29.8	J	mg/kg	170	2.68	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.70	0.268	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Vanadium, Total	11.5		mg/kg	0.852	0.173	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB
Zinc, Total	52.2		mg/kg	4.26	0.250	2	12/18/18 09:10	12/18/18 17:28	EPA 3050B	1,6010D	AB

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11 Date Collected: 12/14/18 09:44

Client ID: BF-C-2 Date Received: 12/14/18

Sample Location: WYNANTSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7830		mg/kg	8.28	2.24	2	12/18/18 09:10	12/18/18 22:36	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.14	0.315	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Arsenic, Total	5.79		mg/kg	0.828	0.172	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Barium, Total	50.9		mg/kg	0.828	0.144	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Beryllium, Total	0.348	J	mg/kg	0.414	0.027	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.828	0.081	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Calcium, Total	8830		mg/kg	8.28	2.90	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Chromium, Total	10.1		mg/kg	0.828	0.080	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Cobalt, Total	7.95		mg/kg	1.66	0.137	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Copper, Total	22.9		mg/kg	0.828	0.214	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Iron, Total	19200		mg/kg	4.14	0.748	2	12/18/18 09:10	12/18/18 22:36	EPA 3050B	1,6010D	MC
Lead, Total	8.24		mg/kg	4.14	0.222	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Magnesium, Total	5090		mg/kg	8.28	1.28	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Manganese, Total	474		mg/kg	0.828	0.132	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	12/18/18 05:30	12/18/18 20:11	EPA 7471B	1,7471B	EA
Nickel, Total	16.9		mg/kg	2.07	0.200	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Potassium, Total	408		mg/kg	207	11.9	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Selenium, Total	0.232	J	mg/kg	1.66	0.214	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.828	0.234	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Sodium, Total	29.8	J	mg/kg	166	2.61	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.66	0.261	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Vanadium, Total	11.3		mg/kg	0.828	0.168	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB
Zinc, Total	55.0		mg/kg	4.14	0.242	2	12/18/18 09:10	12/18/18 17:34	EPA 3050B	1,6010D	AB

Project Name: FANE SOILS GREEN ISLAND PROJ. **Lab Number:** L1851564

Project Number: Not Specified **Report Date:** 12/19/18

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): 01-02,10-11 Batch: WG1190450-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	12/18/18 05:30	12/18/18 11:57	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,10-11 Batch: WG1190473-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/18/18 09:10	12/18/18 22:19	1,6010D	MC
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Calcium, Total	1.51	J	mg/kg	4.00	1.40	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Iron, Total	2.45		mg/kg	2.00	0.361	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Manganese, Total	0.080	J	mg/kg	0.400	0.064	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Sodium, Total	1.46	J	mg/kg	80.0	1.26	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/18/18 09:10	12/18/18 11:26	1,6010D	LC

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 Batch: WG1190450-2 SRM Lot Number: D102-540								
Mercury, Total	85		-		65-134	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 Batch: WG1190473-2 SRM Lot Number: D102-540					
Aluminum, Total	67	-	49-150	-	
Antimony, Total	153	-	1-199	-	
Arsenic, Total	104	-	83-117	-	
Barium, Total	93	-	83-118	-	
Beryllium, Total	93	-	83-116	-	
Cadmium, Total	100	-	83-118	-	
Calcium, Total	95	-	82-118	-	
Chromium, Total	98	-	83-117	-	
Cobalt, Total	101	-	84-116	-	
Copper, Total	99	-	84-116	-	
Iron, Total	86	-	61-139	-	
Lead, Total	101	-	82-118	-	
Magnesium, Total	85	-	76-124	-	
Manganese, Total	93	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	82	-	70-130	-	
Selenium, Total	103	-	79-121	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	100	-	74-126	-	
Thallium, Total	96	-	81-119	-	
Vanadium, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 Batch: WG1190473-2 SRM Lot Number: D102-540					
Zinc, Total	99	-	81-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

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): 01-02,10-11 QC Batch ID: WG1190450-3 WG1190450-4 QC Sample: L1850904-01 Client ID: MS Sample												
Mercury, Total	0.062J	0.154	0.278	**180**	Q	0.307	**199**	Q	80-120	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 QC Batch ID: WG1190473-3 QC Sample: L1851798-05 Client ID: MS Sample										
Aluminum, Total	11800	217	12800	**460**	Q	-	-	75-125	-	20
Antimony, Total	ND	54.4	59.0	108		-	-	75-125	-	20
Arsenic, Total	5.04	13	20.1	115		-	-	75-125	-	20
Barium, Total	92.8	217	327	108		-	-	75-125	-	20
Beryllium, Total	0.959	5.44	5.59	85		-	-	75-125	-	20
Cadmium, Total	0.618	5.54	8.73	**146**	Q	-	-	75-125	-	20
Calcium, Total	2700	1090	4140	**132**	Q	-	-	75-125	-	20
Chromium, Total	15.3	21.7	35.7	94		-	-	75-125	-	20
Cobalt, Total	10.4	54.4	57.6	87		-	-	75-125	-	20
Copper, Total	46.5	27.2	393	**1270**	Q	-	-	75-125	-	20
Iron, Total	26400B	109	21700	**0**	Q	-	-	75-125	-	20
Lead, Total	53.4	55.4	212	**286**	Q	-	-	75-125	-	20
Magnesium, Total	2840	1090	4040	110		-	-	75-125	-	20
Manganese, Total	785	54.4	906	**222**	Q	-	-	75-125	-	20
Nickel, Total	13.5	54.4	62.6	90		-	-	75-125	-	20
Potassium, Total	837	1090	1940	101		-	-	75-125	-	20
Selenium, Total	0.666J	13	11.9	91		-	-	75-125	-	20
Silver, Total	0.229J	32.6	33.6	103		-	-	75-125	-	20
Sodium, Total	164	1090	1380	112		-	-	75-125	-	20
Thallium, Total	ND	13	10.1	77		-	-	75-125	-	20
Vanadium, Total	36.2	54.4	80.4	81		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 QC Batch ID: WG1190473-3 QC Sample: L1851798-05 Client ID: MS Sample									
Zinc, Total	346	54.4	396	92	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,10-11 QC Batch ID: WG1190473-4 QC Sample: L1851798-05 Client ID: DUP Sample						
Lead, Total	53.4	63.2	mg/kg	17		20

INORGANICS
&
MISCELLANEOUS

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-01
Client ID: SF-C-1
Sample Location: WYNANTSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/14/18 09:00
Date Received: 12/14/18
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	94.1		%	0.100	NA	1	-	12/15/18 15:04	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	12/17/18 00:45	12/17/18 11:02	1,9010C/9012B	LH

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-02
Client ID: SF-C-2
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:10
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	12/15/18 15:04	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.97	0.21	1	12/17/18 00:45	12/17/18 11:05	1,9010C/9012B	LH

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-03
Client ID: SF-D-1
Sample Location: WYNANTSKILL, NY

Date Collected: 12/14/18 09:33
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-04
Client ID: SF-D-2
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:39
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-05
Client ID: SF-D-3
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:35
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

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	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-06
Client ID: SF-D-4
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:22
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-07
Client ID: SF-D-5
Sample Location: WYNANTSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/14/18 09:41
Date Received: 12/14/18
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	86.3		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-08
Client ID: SF-D-6
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:20
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-09
Client ID: SF-D-7
Sample Location: WYNANTSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/14/18 09:37
Date Received: 12/14/18
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	93.6		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-10
Client ID: BF-C-1
Sample Location: WYNANTSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/14/18 09:44
Date Received: 12/14/18
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	91.1		%	0.100	NA	1	-	12/15/18 15:04	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/17/18 00:45	12/17/18 11:06	1,9010C/9012B	LH

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-11
Client ID: BF-C-2
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:44
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	12/15/18 15:04	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/17/18 00:45	12/17/18 11:09	1,9010C/9012B	LH

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-12
Client ID: BF-D-1
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-13
Client ID: BF-D-2
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-14
Client ID: BF-D-3
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-15
Client ID: BF-D-4
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:25
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-16
Client ID: BF-D-5
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:28
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-17
Client ID: BF-D-6
Sample Location: WYNANTSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/14/18 09:28
Date Received: 12/14/18
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	90.6		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

SAMPLE RESULTS

Lab ID: L1851564-18
Client ID: BF-D-7
Sample Location: WYNANTSKILL, NY
Date Collected: 12/14/18 09:28
Date Received: 12/14/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	12/15/18 15:14	121,2540G	RI

Project Name: FANE SOILS GREEN ISLAND PROJ.
Lab Number: L1851564
Project Number: Not Specified
Report Date: 12/19/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,10-11 Batch: WG1190050-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	12/17/18 00:45	12/17/18 10:55	1,9010C/9012B	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,10-11 Batch: WG1190050-2 WG1190050-3								
Cyanide, Total	**41**	Q	90		80-120	**67**	Q	35

Matrix Spike Analysis
Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,10-11 QC Batch ID: WG1190050-4 WG1190050-5 QC Sample: L1851564-10 Client ID: BF-C-1												
Cyanide, Total	ND	10	9.9	96		9.8	94		75-125	1		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: FANE SOILS GREEN ISLAND PROJ.

Project Number: Not Specified

Lab Number: L1851564

Report Date: 12/19/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,10-11 QC Batch ID: WG1189838-1 QC Sample: L1851074-01 Client ID: DUP Sample						
Solids, Total	89.3	89.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 03-09,12-18 QC Batch ID: WG1189840-1 QC Sample: L1851564-03 Client ID: SF-D-1						
Solids, Total	94.3	94.5	%	0		20

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1851564-01A	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1851564-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1851564-01C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1851564-02A	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1851564-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1851564-02C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1851564-03A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-03X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-03Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-03Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-04A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-04X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-04Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-04Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-05A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-05X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-05Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1851564-05Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-06A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-06X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-06Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-06Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-07A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-07X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-07Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-07Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-08A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-08X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-08Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-08Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-09A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-09X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-09Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-09Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-10A	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1851564-10B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1851564-10C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)
L1851564-11A	Plastic 2oz unpreserved for TS	A	NA		4.5	Y	Absent		TS(7)
L1851564-11B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1851564-11C	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1851564-12A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-12X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-12Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-12Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-13A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-13X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-13Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-13Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-14A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-14X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-14Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-14Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-15A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-15X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-15Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-15Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-16A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-16X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-16Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-16Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-17A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-17X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-17Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-17Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-18A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14),TS(7)
L1851564-18X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260-R2(14)
L1851564-18Y	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)
L1851564-18Z	Vial Water preserved split	A	NA		4.5	Y	Absent	**17-DEC-18 12:15**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FANE SOILS GREEN ISLAND PROJ.
Project Number: Not Specified

Lab Number: L1851564
Report Date: 12/19/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	FANE SOILS GREEN ISLAND PROJ.	**Lab Number:**	L1851564
Project Number:	Not Specified	**Report Date:**	12/19/18

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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FANE SOILS GREEN ISLAND PROJ.	**Lab Number:**	L1851564
Project Number:	Not Specified	**Report Date:**	12/19/18

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 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:	FANE SOILS GREEN ISLAND PROJ.	**Lab Number:**	L1851564
Project Number:	Not Specified	**Report Date:**	12/19/18

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 624/624.1: 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 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, 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 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, 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

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 12/14/18

ALPHA Job #: L1851564

Client Information
Client: Envirospec Engineering
Address: 349 Northern Blvd
Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospec.com

Project Information
Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Category A deliverables

Please specify Metals or TAL.

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

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

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	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total cyanide	Total Solids	SVOCs 8270	Sample Specific Comments	Total Bottle
51564-01	SF-C-1	12/14/18	9:00AM	SO	RF		X	X	X	X	X	X		
-02	SF-C-2	12/14/18	9:10AM	SO			X	X	X	X	X	X		
-03	SF-D-1	12/14/18	9:33AM			X								
-04	SF-D-2	12/14/18	9:39AM			X								
-05	SF-D-3	12/14/18	9:35AM			X								
-06	SF-D-4	12/14/18	9:22AM			X								
-07	SF-D-5	12/14/18	9:41AM			X								
-08	SF-D-6	12/14/18	9:20AM			X								
-09	SF-D-7	12/14/18	9:37AM			X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10	Robert Haines RAL	12-14-18 11:10
Robert Haines	12-14-18 11:10		

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)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 2 of 2

Date Rec'd in Lab: 12/14/18

ALPHA Job #: L1851564

Client Information
Client: Envirospec Engineering
Address: 319 Northern Blvd Albany, NY 12204
Phone: 518-453-2203
Fax:
Email: rfarnum@envirospecny.com

Project Information
Project Name: Fane Soils Green Island Project
Project Location: Wynantskill, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brenda Pirinelli
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 day

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

Billing Information
☐ Same as Client Info
PO #

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

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:
Category A deliverable

Please specify Metals or TAL.

ANALYSIS

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	Volatiles 8260	TAL metals 6010 Mercury	TCL Pesticides 8081	PCBs 8082	Total Cyanide	Total Solids	SVOCs 8270	Sample Specific Comments	Total Bottle
51564-10	BF-C-1	12/14/18	9:44AM	SO	RF		X	X	X	X	X	X		
-11	BF-C-2	12/14/18	9:44AM				X	X	X	X	X	X		
-12	BF-D-1	12/14/18	9:25AM			X								
-13	BF-D-2	12/14/18	9:25AM			X								
-14	BF-D-3	12/14/18	9:25AM			X								
-15	BF-D-4	12/14/18	9:25AM			X								
-16	BF-D-5	12/14/18	9:28AM			X								
17	BF-D-6	12/14/18	9:28AM			X								
-18	BF-D-7	12/14/18	9:28AM			X								

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

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

Container Type													
Preservative													

Relinquished By:	Date/Time	Received By:	Date/Time
	12/14 11:10	Robert Haine AAL	12-14-18 11:10
Robert Haine	12-14-18 11:10		12/14/18 2200

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)

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

December 4, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

Attn: Matt Fane
Re: Starbuck Island
Revised from submittal dated November 20, 2018

Dear Mr. Fane,

As they are produced by our South Bethlehem source, ASTM #57 Stone (also known as blended NYSDOT #1 Stone □ NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run) are manufactured to meet New York State Department of Transportation Standard Specifications.

Our South Bethlehem source (1-2RS) was approved by the NYSDOT under test number 14AR94S, that test result indicating source quality is attached. Material shipped from our South Bethlehem facility is clean and free of contaminants prior to loading. Also attached, please find a typical gradation for ASTM #57 Stone (also known as blended NYSDOT #1 Stone □ NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run).

The NYSDEC Mining Permit number for the South Bethlehem Source #1-2RS is #40033. The location address is 1 South Road, South Bethlehem 12161.

Yours sincerely,

Colleen VanPatten
QC Technician
Quality Control Department

T □1 (518) 374 2222
E cvanpatten□ callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 2RS** TEST #: **14AR 94S** BR3a SERIAL #: **220646** SM LAS #: 14069131

Callanan Industries Inc
South Bethlehem, NY

On 06/08/15 results of tests on material represented by sample 220646 Were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A	
10 Cycle MgSO4				
25 "Cycle 3% freeze -thaw	17.8			
UCVC		52		
% Non-carbonate		0		Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		40.4		
L.A. Abrasion				
Bulk Specific Gravity SSD	2.69			Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes
Bulk Specific Gravity	2.671			
Apparent Specific Gravity	2.729			
Absorption	0.8			

COMPOSITION (Size No.

COMPOSITION (Size No. 1

Limestone Argillaceous	66.6
Limestone (Med-Coarse Grained)	33.4

Cc

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Plant: South Bethlehem Aggregate
Date Created: 09/21/2017
Date Modified: 08/07/2018
Name: South Bethlehem 1 and 2 stone with astm 57 spec
Description:

Sieve/Test	Spec	Result	1024-#1 Crushed Stone	1026 NYSDOT #2-#2 Crushed Stone
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	100.0	100.0	100.0
3/4" (19mm)		94.0	100.0	88.0
1/2" (12.5mm)	25-60	52.6	93.4	11.9
3/8" (9.5mm)		28.0	52.4	3.5
1/4" (6.3mm)		4.6	6.8	2.5
#4 (4.75mm)	0-10	1.8	1.4	2.2
1/8" (3.17mm)		1.4	1.0	1.8
#8 (2.36mm)	0-5	1.3	1.0	1.6

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00002-South Bethlehem Aggregate
Product 1026 NYSDOT #2-#2 Crushed Stone
Specification NYSDOT 2

1719848174

Sample Information

Sample No 1719848174
Date Sampled 07/19/2018 13:10
Sampled By Darrell Boehlke
Type Production
Method Belt Cut
Location Stone Plant

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 07/19/2018 13:10
Tested By Darrell Boehlke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		1994.40				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
1" (25mm)	0.00	0.00	0.0	0.0	100.0		90-100	
3/4" (19mm)	377.00	377.00	18.9	18.9	81.1			
1/2" (12.5mm)	1518.40	1895.40	76.1	95.0	5.0		0-15	
3/8" (9.5mm)	91.60	1987.00	4.6	99.6	0.4			
1/4" (6.3mm)	0.00	1987.00	0.0	99.6	0.4			
#4 (4.75mm)	0.00	1987.00	0.0	99.6	0.4			
Pan	6.40	1993.40	0.37	100.00	0.00			

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00002-South Bethlehem Aggregate
Product 1212-Type 2 Subbase 304.12
Specification NYSDOT Subbase Type 2

1647549648

Sample Information

Sample No 1647549648
Date Sampled 06/28/2018 10:30
Sampled By Ian Cooke
Type Stockpile
Method Loader Bucket
Location Stone Plant

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 06/28/2018 10:30
Tested By Ian Cooke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		9919.70	9491.27		4.3	

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0			
1" (25mm)	41.30	41.30	0.4	0.4	99.6			
3/4" (19mm)	918.10	959.40	9.3	9.7	90.3			
1/2" (12.5mm)	2291.70	3251.10	23.1	32.8	67.2			
3/8" (9.5mm)	1175.70	4426.80	11.9	44.6	55.4			
1/4" (6.3mm)	1437.70	5864.50	14.5	59.1	40.9		25-60	
#4 (4.75mm)	675.93	6540.43	6.8	65.9	34.1			
#10 (2mm)	1650.28	8190.71	16.6	82.6	17.4			
#20 (0.85mm)	704.13	8894.84	7.1	89.7	10.3			
#40 (0.425mm)	269.43	9164.27	2.7	92.4	7.6		5-40	
#60 (0.25mm)	130.41	9294.68	1.3	93.7	6.3			
#100 (0.15mm)	77.93	9372.61	0.8	94.5	5.5			
#200 (75µm)	76.76	9449.37	0.77	95.26	4.74		0-10	
Pan	43.08	9492.44	4.74	100.00	0.00			

From:	Rachel Farnum
To:	"Barraza, Alicia A (DEC)"
Cc:	Gianna Aiezza; Komoroske, Michael (DEC)
Subject:	RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074
Date:	Wednesday, December 5, 2018 9:19:00 AM
Attachments:	Source 1-7R attachment.pdf Source 1-2RS attachment.pdf image001.png image002.png

I have attached documentation for the ASTM #57, #2 stone and Type 2 subbase for the 1-7R and 1-2RS sources. The attached letters include the permit number and address for each source facility.

-Rachel

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Barraza, Alicia A (DEC) [mailto:alicia.barraza@dec.ny.gov]
Sent: Friday, November 30, 2018 11:01 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: Gianna Aiezza <gaiezza@envirospeceng.com>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

No, just provide the additional documentation. Make sure it's labeled so I know which documentation goes with which request.

Alicia

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Friday, November 30, 2018 10:38 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Thanks, when we get the additional information, do we need to submit a new form for each?

Rachel Farnum, P.E., CHMM

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rfarnum@envirospeceng.com

From: Barraza, Alicia A (DEC) [mailto:alicia.barraza@dec.ny.gov]
Sent: Friday, November 30, 2018 9:58 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: Gianna Aiezza <gaiezza@envirospeceng.com>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

I reviewed the five requests to import material to this site. At this time, additional information is needed for each request so that DEC can make a determination.

1. Request 1-7R with attachments & Request 1-2RS with attachment : The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine. Also provide the permit number and address for the source facility.
2. Request 1-7R stone fill with attachments & Request 1-2RS stone fill with attachments: The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine; also provide the permit number and address for the source facility. In addition, sieve analysis is needed to determine if the material meets the requirement in DER-10 section 5.4(e)(5.).
3. 1-63F with attachment: This material (sand) doesn't qualify under DER-10, section 5.4(e)(5.). Instead, sampling is required per DER-10, section 5.4(e)(3.)(ii).

If you have any questions, please contact me.

Alicia Barraza
Project Manager, Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9690 | alicia.barraza@dec.ny.gov
www.dec.ny.gov |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, November 28, 2018 10:16 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com
Subject: South Island Apartments Imported Fill Request Forms

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Alicia,

I have attached five imported fill request forms with supporting documentation. These are for virgin material that would be brought to the site by Warren Fane, Inc and either obtained from their facility in Wynantskill or through Callanan Industries, Inc locations in Cropseyville and South Bethlehem.

We have a question about a recycled portland cement concrete aggregate from the Tappan Zee Bridge project. Can you clarify what supporting information or documentation would be required for this material? It would be coming from a NYSDOT project site. I saw in DER-10 that recycled concrete would not require chemical testing if it comes from a DEC registered C&D facility, but I wanted to clarify what would be the requirements for this material. Thanks,

Rachel Farnum, P.E., CHMM
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F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From:	Komoroske, Michael (DEC)
To:	Rachel Farnum
Cc:	Gianna Aiezza; Barraza, Alicia A (DEC)
Subject:	RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074
Date:	Wednesday, December 5, 2018 10:11:11 AM
Attachments:	image003.gif image004.gif image005.png image006.png

Rachel,

The documentation you have submitted is responsive to the following request:

1. *Request 1-7R with attachments & Request 1-2RS with attachment : The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine. Also provide the permit number and address for the source facility.*

The material is acceptable for use. Thank You.

Mike

Michael J. Komoroske, P.E.
Chief, Section A, Remedial Bureau B
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7016
P: 518-402-9802| F: 518-402-9773| michael.komoroske@dec.ny.gov

www.dec.ny.gov |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, December 05, 2018 9:19 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

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I have attached documentation for the ASTM #57, #2 stone and Type 2 subbase for the 1-7R and 1-2RS sources. The attached letters include the permit number and address for each source facility.

-Rachel

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If you have any questions, please contact me.

Alicia Barraza
Project Manager, Environmental Remediation
New York State Department of Environmental Conservation
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www.dec.ny.gov | | |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, November 28, 2018 10:16 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com
Subject: South Island Apartments Imported Fill Request Forms

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We have a question about a recycled portland cement concrete aggregate from the Tappan Zee Bridge project. Can you clarify what supporting information or documentation would be required for this material? It would be coming from a NYSDOT project site. I saw in DER-10 that recycled concrete would not require chemical testing if it comes from a DEC registered C&D facility, but I wanted to clarify what would be the requirements for this material. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer

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F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

December 4, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

Attn: Matt Fane
Re: Starbuck Island
Revised from submittal dated November 20, 2018

Dear Mr. Fane,

As they are produced by our Cropseyville source, ASTM #57 Stone (also known as blended NYSDOT #1 Stone & NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run) are manufactured to meet New York State Department of Transportation Standard Specifications.

Our Cropseyville source (#1-7R) is quarried and processed to finished sizes. Material shipped from our Cropseyville facility is clean and free of contaminants prior to loading. Our Cropseyville source was approved by the NYSDOT under test number 16AR38 and that test result indicating source quality is attached. Also attached, please find a typical gradation for ASTM #57 Stone, NYSDOT #2 Stone and Type 2 Subbase.

The NYSDEC Mining Permit number for the Cropseyville Source #1-7R is #40031. The location address is 33 Palitsch Road, Cropseyville, NY 12052.

Yours sincerely,

Colleen VanPatten
QC Technician
Quality Control Department

T + 1 (518) 374 2222
E cvanpatten@callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 7R** TEST #: **16AR 38** BR3a SERIAL #: **236504** SM LAB #: **16024998**

Callanan Industries, Inc.
Cropseyville, NY

On 08/04/16 results of tests on material represented by sample 236504 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$		1.6	
25 Cycle 3% freeze -thaw			
UCVC		54	

% Non-carbonate	100	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		
L.A. Abrasion		

Bulk Specific Gravity SSD	2.71	Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes
Bulk Specific Gravity	2.693	
Apparent Specific Gravity	2.729	
Absorption	0.5	

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Quartzite	90.0
Metagraywacke	4.2
Argillite	3.0
Quartzite (Weathered)	2.8

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Plant: Cropseyville Aggregate
Date Created: 05/01/2017
Date Modified: 06/05/2018
Name: Cropseyville blend 1 and 2 with ASTM 57 spec
Description: Cropseyville location

Sieve/Test	Spec	Result	1026 NYSDOT #2-#2 Crushed	1024-#1 Crushed Stone
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	99.0	98.0	100.0
3/4" (19mm)		80.4	60.9	100.0
1/2" (12.5mm)	25-60	57.0	14.8	99.1
3/8" (9.5mm)		28.9	1.0	56.8
1/4" (6.3mm)		3.2	0.1	6.4
#4 (4.75mm)	0-10	1.2	0.1	2.4
1/8" (3.17mm)		0.8	0.1	1.5
#8 (2.36mm)	0-5	0.6	0.1	1.2

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00061-Pattersonville Aggregate
Product 1026 NYSDOT #2-#2 Crushed
Specification NYSDOT 2

1930489905

Sample Information

Sample No 1930489905
Date Sampled 01/01/2018 13:20
Sampled By Alyssa Vanderbilt
Type Stockpile
Method Stockpile
Location Cropseyville

Split Sample ☐
Resample ☐

Test Note
Consensus Properties/Flat and Elongated/Specific Gravity

Gradation Results

Date Completed 01/01/2018 13:20
Tested By Alyssa Vanderbilt

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		2115.20				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1" (25mm)	41.70	41.70	2.0	2.0	98.0		90-100	
3/4" (19mm)	785.00	826.70	37.1	39.1	60.9			
1/2" (12.5mm)	975.30	1802.00	46.1	85.2	14.8		0-15	
3/8" (9.5mm)	291.20	2093.20	13.8	99.0	1.0			
1/4" (6.3mm)	20.20	2113.40	1.0	99.9	0.1			
#4 (4.75mm)	0.10	2113.50	0.0	99.9	0.1			
Pan	1.80	2115.30	0.08	100.00	0.00			

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00061-Cropseyville Aggregate
Product 1212-Type 2 Subbase 304.12
Specification NYSDOT Subbase Type 2

Sample Information

Sample No 1676452139
Date Sampled 12/13/2017 13:11
Sampled By Alyssa Vanderbilt
Type Stockpile
Method Stockpile
Location Cropseyville

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 12/13/2017 13:11
Tested By Darrell Boehlke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		8807.50	8506.69		3.4	

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1 1/2" (37.5mm)	69.30	69.30	0.8	0.8	99.2			
1" (25mm)	1012.90	1082.20	11.5	12.3	87.7			
3/4" (19mm)	1198.80	2281.00	13.6	25.9	74.1			
1/2" (12.5mm)	1903.90	4184.90	21.6	47.5	52.5			
3/8" (9.5mm)	1030.30	5215.20	11.7	59.2	40.8			
1/4" (6.3mm)	1107.80	6323.00	12.6	71.8	28.2		25-60	
#4 (4.75mm)	444.63	6767.63	5.0	76.8	23.2			
#10 (2mm)	838.84	7606.47	9.5	86.4	13.6			
#20 (0.85mm)	339.61	7946.08	3.9	90.2	9.8			
#40 (0.425mm)	165.97	8112.05	1.9	92.1	7.9		5-40	
#60 (0.25mm)	123.44	8235.49	1.4	93.5	6.5			
#100 (0.15mm)	104.58	8340.07	1.2	94.7	5.3			
#200 (75µm)	130.45	8470.52	1.48	96.17	3.83		0-10	
Pan	35.30	8505.82	3.83	100.00	0.00			

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported: at least 2800 yd3

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No samples were collected (meets requirements of DER-10 section 5.5)

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Warren Fane, Sr. obtaining from Callanan Industries, Inc

Location where fill was obtained:

Callanan Industries, Inc South Bethlehem, NY facility

Identification of any state or local approvals as a fill source:

NYSDOT approval as blended #1 and #2 stone, #2 stone and Type 2 subbase

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Coarse aggregate analysis documentation attached

The information provided on this form is accurate and complete.

Signature

11/28/18
Date

Rachel Farnum
Print Name

EnviroSpec Engineering, PLLC
Firm

Revised August 2014

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

November 20, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

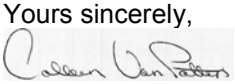
Attn: Matt Fane
Re: Starbuck Island

Dear Mr. Fane,

As they are produced by our South Bethlehem source, ASTM #57 Stone (also known as blended NYSDOT #1 Stone □ NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run) are manufactured to meet New York State Department of Transportation Standard Specifications.

Our South Bethlehem source (1-2RS) was approved by the NYSDOT under test number 14AR94S, that test result indicating source quality is attached. Material shipped from our South Bethlehem facility is clean and free of contaminants prior to loading. Also attached, please find a typical gradation for ASTM #57 Stone (also known as blended NYSDOT #1 Stone □ NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run).

Yours sincerely,



Colleen VanPatten
QC Technician
Quality Control Department

T □ 1 (518) 374 2222
E cvanpatten□ callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 2RS** TEST #: **14AR 94S** BR3a SERIAL #: **220646** SM LAS #: 14069131

Callanan Industries Inc
South Bethlehem, NY

On 06/08/15 results of tests on material represented by sample 220646 Were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle MgSO4			
25 "Cycle 3% freeze -thaw	17.8		
UCVC		52	
% Non-carbonate		0	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		40.4	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.69
Bulk Specific Gravity	2.671
Apparent Specific Gravity	2.729
Absorption	0.8

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.

COMPOSITION (Size No. 1

Limestone Argillaceous	66.6
Limestone (Med-Coarse Grained)	33.4

Cc

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Plant: South Bethlehem Aggregate
Date Created: 09/21/2017
Date Modified: 08/07/2018
Name: South Bethlehem 1 and 2 stone with astm 57 spec
Description:

Sieve/Test	Spec	Result	1024-#1 Crushed Stone	1026 NYSDOT #2-#2 Crushed Stone
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	100.0	100.0	100.0
3/4" (19mm)		94.0	100.0	88.0
1/2" (12.5mm)	25-60	52.6	93.4	11.9
3/8" (9.5mm)		28.0	52.4	3.5
1/4" (6.3mm)		4.6	6.8	2.5
#4 (4.75mm)	0-10	1.8	1.4	2.2
1/8" (3.17mm)		1.4	1.0	1.8
#8 (2.36mm)	0-5	1.3	1.0	1.6

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00002-South Bethlehem Aggregate
Product 1026 NYSDOT #2-#2 Crushed Stone
Specification NYSDOT 2

1719848174

Sample Information

Sample No 1719848174
Date Sampled 07/19/2018 13:10
Sampled By Darrell Boehlke
Type Production
Method Belt Cut
Location Stone Plant

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 07/19/2018 13:10
Tested By Darrell Boehlke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		1994.40				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
1" (25mm)	0.00	0.00	0.0	0.0	100.0		90-100	
3/4" (19mm)	377.00	377.00	18.9	18.9	81.1			
1/2" (12.5mm)	1518.40	1895.40	76.1	95.0	5.0		0-15	
3/8" (9.5mm)	91.60	1987.00	4.6	99.6	0.4			
1/4" (6.3mm)	0.00	1987.00	0.0	99.6	0.4			
#4 (4.75mm)	0.00	1987.00	0.0	99.6	0.4			
Pan	6.40	1993.40	0.37	100.00	0.00			

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00002-South Bethlehem Aggregate
Product 1212-Type 2 Subbase 304.12
Specification NYSDOT Subbase Type 2

1647549648

Sample Information

Sample No 1647549648
Date Sampled 06/28/2018 10:30
Sampled By Ian Cooke
Type Stockpile
Method Loader Bucket
Location Stone Plant

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 06/28/2018 10:30
Tested By Ian Cooke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		9919.70	9491.27		4.3	

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0			
1" (25mm)	41.30	41.30	0.4	0.4	99.6			
3/4" (19mm)	918.10	959.40	9.3	9.7	90.3			
1/2" (12.5mm)	2291.70	3251.10	23.1	32.8	67.2			
3/8" (9.5mm)	1175.70	4426.80	11.9	44.6	55.4			
1/4" (6.3mm)	1437.70	5864.50	14.5	59.1	40.9		25-60	
#4 (4.75mm)	675.93	6540.43	6.8	65.9	34.1			
#10 (2mm)	1650.28	8190.71	16.6	82.6	17.4			
#20 (0.85mm)	704.13	8894.84	7.1	89.7	10.3			
#40 (0.425mm)	269.43	9164.27	2.7	92.4	7.6		5-40	
#60 (0.25mm)	130.41	9294.68	1.3	93.7	6.3			
#100 (0.15mm)	77.93	9372.61	0.8	94.5	5.5			
#200 (75µm)	76.76	9449.37	0.77	95.26	4.74		0-10	
Pan	43.08	9492.44	4.74	100.00	0.00			

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported: at least 2800 yd3

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No samples were collected (meets requirements of DER-10 section 5.5)

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Warren Fane, Sr. obtaining from Callanan Industries, Inc

Location where fill was obtained:

Callanan Industries, Inc South Bethlehem, NY facility

Identification of any state or local approvals as a fill source:

NYSDOT approval as light stone fill, medium stone fill and heavy stone fill

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Coarse aggregate analysis documentation attached

The information provided on this form is accurate and complete.

Signature

11/28/18
Date

Rachel Farnum
Print Name

EnviroSpec Engineering, PLLC
Firm

Revised August 2014

November 20, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

Attn: Matt Fane
Re: Starbuck Island

Dear Mr. Fane,

As they are supplied by our facility in South Bethlehem, NY; Light Stone Fill, Medium Stone Fill and Heavy Stone Fill are manufactured to meet all applicable New York State Department of Transportation Standard Specifications.

As per section 620-2.02, acceptance of this Item is based on visual examination and we request you contact Mr. Steve Akers at the South Bethlehem site (518-635-1037) to arrange for this examination prior to the Item being stockpiled.

Our South Bethlehem Source (1-2RS) was approved by the N.Y.S.D.O.T. under Test No. 14AR94S, and the letter to this effect is attached.

Yours sincerely,

Colleen VanPatten
QC Technician
Quality Control Department

T + 1 (518) 374 2222
E cvanpatten@callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 2RS** TEST #: **14AR 94S** BR3a SERIAL #: **220646** SM LAS #: 14069131

Callanan Industries Inc
South Bethlehem, NY

On 06/08/15 results of tests on material represented by sample 220646 Were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle MgSO4			
25 "Cycle 3% freeze -thaw	17.8		
UCVC		52	
% Non-carbonate		0	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		40.4	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.69
Bulk Specific Gravity	2.671
Apparent Specific Gravity	2.729
Absorption	0.8

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.

COMPOSITION (Size No. 1

Limestone Argillaceous	66.6
Limestone (Med-Coarse Grained)	33.4

Cc

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported: at least 2800 yd3

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No samples were collected (meets requirements of DER-10 section 5.5)

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Warren Fane, Sr. obtaining from Callanan Industries, Inc

Location where fill was obtained:

Callanan Industries, Inc Cropseyville, NY facility

Identification of any state or local approvals as a fill source:

NYSDOT approval as blended #1 Stone and #2 Stone, #2 Stone, and Type 2 Subbase

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Test Report attached for coarse aggregate analysis

The information provided on this form is accurate and complete.

Signature

11/28/18
Date

Rachel Farnum
Print Name

EnviroSpec Engineering, PLLC
Firm

Revised August 2014

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

November 20, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

Attn: Matt Fane
Re: Starbuck Island

Dear Mr. Fane,

As they are produced by our Cropseyville source, ASTM #57 Stone (also known as blended NYSDOT #1 Stone □ NYSDOT #2 Stone), NYSDOT #2 Stone, and Type 2 Subbase (also known as Crusher Run) are manufactured to meet New York State Department of Transportation Standard Specifications.

Our Cropseyville source (#1-7R) is quarried and processed to finished sizes. Material shipped from our Cropseyville facility is clean and free of contaminants prior to loading. Our Cropseyville source was approved by the NYSDOT under test number 16AR38 and that test result indicating source quality is attached. Also attached, please find a typical gradation for ASTM #57 Stone, NYSDOT #2 Stone and Type 2 Subbase.

Yours sincerely,

Colleen VanPatten
QC Technician
Quality Control Department

T □ 1 (518) 374 2222
E cvanpatten□ callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 7R** TEST #: **16AR 38** BR3a SERIAL #: **236504** SM LAB #: **16024998**

Callanan Industries, Inc.
Cropseyville, NY

On 08/04/16 results of tests on material represented by sample 236504 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$		1.6	
25 Cycle 3% freeze -thaw UCVC		54	
% Non-carbonate		100	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue			
L.A. Abrasion			

Bulk Specific Gravity SSD	2.71	Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes
Bulk Specific Gravity	2.693	
Apparent Specific Gravity	2.729	
Absorption	0.5	

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Quartzite	90.0
Metagraywacke	4.2
Argillite	3.0
Quartzite (Weathered)	2.8

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Plant: Cropseyville Aggregate
Date Created: 05/01/2017
Date Modified: 06/05/2018
Name: Cropseyville blend 1 and 2 with ASTM 57 spec
Description: Cropseyville location

Sieve/Test	Spec	Result	1026 NYSDOT #2-#2 Crushed	1024-#1 Crushed Stone
Bin				
Price		0	0	0
% Product		100	50	50
TPH		0	0	0
% Gate			0	0
1 1/2" (37.5mm)	100-100	100.0	100.0	100.0
1" (25mm)	95-100	99.0	98.0	100.0
3/4" (19mm)		80.4	60.9	100.0
1/2" (12.5mm)	25-60	57.0	14.8	99.1
3/8" (9.5mm)		28.9	1.0	56.8
1/4" (6.3mm)		3.2	0.1	6.4
#4 (4.75mm)	0-10	1.2	0.1	2.4
1/8" (3.17mm)		0.8	0.1	1.5
#8 (2.36mm)	0-5	0.6	0.1	1.2

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00061-Pattersonville Aggregate
Product 1026 NYSDOT #2-#2 Crushed
Specification NYSDOT 2

1930489905

Sample Information

Sample No 1930489905
Date Sampled 01/01/2018 13:20
Sampled By Alyssa Vanderbilt
Type Stockpile
Method Stockpile
Location Cropseyville

Split Sample ☐
Resample ☐

Test Note
Consensus Properties/Flat and Elongated/Specific Gravity

Gradation Results

Date Completed 01/01/2018 13:20
Tested By Alyssa Vanderbilt

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		2115.20				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1" (25mm)	41.70	41.70	2.0	2.0	98.0		90-100	
3/4" (19mm)	785.00	826.70	37.1	39.1	60.9			
1/2" (12.5mm)	975.30	1802.00	46.1	85.2	14.8		0-15	
3/8" (9.5mm)	291.20	2093.20	13.8	99.0	1.0			
1/4" (6.3mm)	20.20	2113.40	1.0	99.9	0.1			
#4 (4.75mm)	0.10	2113.50	0.0	99.9	0.1			
Pan	1.80	2115.30	0.08	100.00	0.00			

CALLANAN est. 1883
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00061-Cropseyville Aggregate
Product 1212-Type 2 Subbase 304.12
Specification NYSDOT Subbase Type 2

Sample Information

Sample No 1676452139
Date Sampled 12/13/2017 13:11
Sampled By Alyssa Vanderbilt
Type Stockpile
Method Stockpile
Location Cropseyville

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 12/13/2017 13:11
Tested By Darrell Boehlke

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		8807.50	8506.69		3.4	

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1 1/2" (37.5mm)	69.30	69.30	0.8	0.8	99.2			
1" (25mm)	1012.90	1082.20	11.5	12.3	87.7			
3/4" (19mm)	1198.80	2281.00	13.6	25.9	74.1			
1/2" (12.5mm)	1903.90	4184.90	21.6	47.5	52.5			
3/8" (9.5mm)	1030.30	5215.20	11.7	59.2	40.8			
1/4" (6.3mm)	1107.80	6323.00	12.6	71.8	28.2		25-60	
#4 (4.75mm)	444.63	6767.63	5.0	76.8	23.2			
#10 (2mm)	838.84	7606.47	9.5	86.4	13.6			
#20 (0.85mm)	339.61	7946.08	3.9	90.2	9.8			
#40 (0.425mm)	165.97	8112.05	1.9	92.1	7.9		5-40	
#60 (0.25mm)	123.44	8235.49	1.4	93.5	6.5			
#100 (0.15mm)	104.58	8340.07	1.2	94.7	5.3			
#200 (75µm)	130.45	8470.52	1.48	96.17	3.83		0-10	
Pan	35.30	8505.82	3.83	100.00	0.00			

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported: at least 2800 yd3

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No samples were collected (meets requirements of DER-10 section 5.5)

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Warren Fane, Sr. obtaining from Callanan Industries, Inc

Location where fill was obtained:

Callanan Industries, Inc Cropseyville, NY facility

Identification of any state or local approvals as a fill source:

NYSDOT approval as light stone fill, medium stone fill and heavy stone fill

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Coarse aggregate analysis documentation attached

The information provided on this form is accurate and complete.

Signature

11/28/18
Date

Rachel Farnum
Print Name

EnviroSpec Engineering, PLLC
Firm

Revised August 2014

CALLANAN est. 1883
INDUSTRIES, INC.
A CRH COMPANY

November 20, 2018

Warren W. Fane Inc.
62 Leversee Road
Troy, NY 12182

Attn: Matt Fane
Re: Starbuck Island

Dear Mr. Fane,

As they are supplied by our facility in Cropseyville, NY; Light Stone Fill, Medium Stone Fill and Heavy Stone Fill are manufactured to meet all applicable New York State Department of Transportation Standard Specifications.

As per section 620-2.02, acceptance of these Items is based on visual examination and we would request you contact Mr. Daniel Keyes at the Cropseyville site 518-279-3401 to arrange for this examination prior to the Item being stockpiled.

Our Cropseyville Source (1-7R) was approved by the N.Y.S.D.O.T. under Test No. 16AR38, and the letter to this effect is attached.

Yours sincerely,

Colleen VanPatten
QC Technician
Quality Control Department

T 1 (518) 374 2222
E cvanpatten callanan.com

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **1- 7R** TEST #: **16AR 38** BR3a SERIAL #: **236504** SM LAB #: **16024998**

Callanan Industries, Inc.
Cropseyville, NY

On 08/04/16 results of tests on material represented by sample 236504 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$		1.6	
25 Cycle 3% freeze -thaw UCVC		54	
% Non-carbonate		100	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue			
L.A. Abrasion			

Bulk Specific Gravity SSD	2.71	Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes
Bulk Specific Gravity	2.693	
Apparent Specific Gravity	2.729	
Absorption	0.5	

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Quartzite	90.0
Metagraywacke	4.2
Argillite	3.0
Quartzite (Weathered)	2.8

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? Choose an item

If greater than 1000 cubic yards will be imported, enter volume to be imported: at least 2800 yd3

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No samples were collected (meets requirements of DER-10 section 5.5)

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Warren Fane, Sr., owner of Warren W. Fane, Inc.

Location where fill was obtained:

Valente Gravel in Wynantskill, NY

Identification of any state or local approvals as a fill source:

Region One NYSDOT acceptance as fine aggregate in Standard Specifications

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

NYSDOT acceptance documentation attached

The information provided on this form is accurate and complete.

Signature

11/28/18
Date

Rachel Farnum
Print Name

EnviroSpec Engineering, PLLC
Firm

Revised August 2014

NEW YORK
STATE OF
OPPORTUNITY.

Department of
Transportation

ANDREW M. CUOMO
Governor

MATTHEW J. DRISCOLL
Commissioner

SAM ZHOU, P.E.
Regional Director

January 25, 2017

Mr. Warren Fane Sr.
Warren W. Fane, Inc.
62 Leversee Road
Troy, NY 12182

Re: **CONSTRUCTION MATERIALS**
SOURCE 1-63F

Mr. Fane:

A sample of natural sand obtained from your facility in Wynantskill, New York has been tested for compliance with Item 703-01 requirements. Results of Test No. 16AF119 indicate that the sample meets the requirements of Item 703-01. A copy of the test results are enclosed for your information.

Therefore, the natural sand as represented by this sample is accepted for Item 703-01 (Fine Aggregate) in the Standard Specifications. If you have any questions or comments, please call the Region One Materials office at 518-782-7288.

Sincerely Yours,

Mark R. Ryan, CE-1
Region One Materials

cc: file

attachment: 16AF119 test results

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU

FINE AGGREGATE ANALYSIS FOR 703-01 PHYSICAL REQUIREMENTS

SOURCE #: 1-63F TEST #: 16AF119 BR3a SERIAL #: 237265 SM LAB #: 16063869

Valente Gravel
Wynantskill, NY

On 01/05/17 results of tests on material represented by sample 237265 were evaluated.

Material meets specifications for Item 703-01. Consult friction aggregate requirements for approved use.

REMARKS:

Organic Color	<1
5 Cycle $MgSO_4$	23.8 %
UCVC (FAA)	42.8 %

Bulk Specific Gravity SSD	2.62
Bulk Specific Gravity	2.572
Apparent Specific Gravity	2.707
Absorption	1.9

Gravity and absorption values represent this sample only. They may not be appropriate for designing mixes.

Sieve Size	+ 30 (+600 µm)	- 30 (-600 µm)
% Insoluble Residue	83.5	89.3

Percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.

GRADATION	Sieve	% Retained	% Passing
	4 (4.75 mm)	0.2	99.8
	8 (2.36 mm)	6.1	93.7
	16 (1.18 mm)	13.4	80.3
	30 (600 µm)	26.4	53.9
	50 (300 µm)	34.0	19.9
	100 (150 µm)	14.3	5.6
	200 (75 µm)	4.6	1.1
	Finer (washed)	1.1	
	Fineness Modulus	2.468	

NEW YORK STATE OF OPPORTUNITY | Department of Transportation

ANDREW M. CUOMO
Governor

PAUL A. KARAS
Acting Commissioner

SAM ZHOU, P.E.
Regional Director

December 11, 2017

Fane -Valente Pit

Re: **2018 Source Evaluation**

The source listed below has been evaluated for quality on 12/07/2017 and has been found to be of an acceptable quality for use as any of the "select" 203 items.

Although the quality is approved for these items, the gradation and compaction requirements for each item number must be met for the material to be accepted on NYSDOT & Federally funded local projects.

See attached test results.

Fane -Valente Pit, North Greenbush
GEB # 1410
Regional # 1-17-19
Rensselaer County

If you have any questions, please call me at 518-782-7233
Sincerely,

Dodou Jammeh, PE
Acting Region 1, Geotechnical Engineer
(518)-782-7233

LOT NO. 61352

GRANULAR MATERIAL EVALUATION FORM

ORIGINATOR REGION 1 - PIN P.S.N. 9001

FORM TRANSMITTAL

ORIGINATOR - GEB DATE 11/27/2017

GEB - ORIGINATOR DATE 12/07/2017

FUTURE AVAILABLE SOURCE EVALUATION -REGION 1

SAMPLED BY D. Saltsman DATE 11/27/2017

1410 SINGLE SOURCE DATA

NON-STOCKPILED MATERIAL

SOURCE EVALUATION

SOURCE IDENTIFICATION

FANE-VALENTE PIT

U.S.G.S. QUAD LOCATION 226-2-N-25

TOWNSHIP N. GREENBUSH

COUNTY RENSSELAER

ITEM NUMBERS

203.20M

203.07M

203.21M

RECEIVED 11/28/2017 SAMPLE IDENTIFICATION GRANULAR MATERIAL

LOCATION

GEB DESIGNATION 1-2014G-309 1-2014G-310

REGIONAL DESIGNATION 1-17-19 A 1-17-19 B

TEST RESULTS

GRADATION			
SIEVE SIZES	% PASSING BY WEIGHT		
100.0 mm		100	100
75.0 mm		100	100
50.0 mm		100	99
37.5 mm		- -	- -
25.0 mm		96	92
19.0 mm		88	76
12.5 mm		74	56
6.30 mm		63	48
2.00 mm		56	45
0.850 mm		50	40
0.425 mm		36	31
0.150 mm		16	15
0.075 mm		10	11

QUALITY	MEAN		
MGS04 SOUND. %LOSS BY WGT.	- -	21	13
PLASTICITY INDEX	- -	NP	NP
pH		8.5	8.5

THE ABOVE TEST RESULTS HAVE BEEN REVIEWED AND RELEASED BY THE SOILS ENGINEERING LABORATORY SUPERVISOR OR HIS DESIGNATED REPRESENTATIVE

NON-STOCKPILED MATERIAL EVALUATION

FOR THE YEAR OF 2017 MATERIAL FROM THIS SOURCE HAS A MAXIMUM MAGNESIUM SULFATE SOUNDNESS LOSS OF 38 AND A MAXIMUM PLASTICITY INDEX OF 6. RECOMMENDED MONITORING FREQUENCY 2 SAMPLE(S) EVERY 6 WEEK(S).

NAME Sean Connolly (Designee) TITLE Civil Engineer 1 DATE 12/07/2017

REGIONAL REMARKS

CENTRAL OFFICE REMARKS NOTE ONE SAMPLE DID NOT MEET GRADATION REQUIREMENTS FOR ITEM 203.20M

NEW YORK STATE OF OPPORTUNITY | Department of Transportation

ANDREW M. CUOMO
Governor

MATTHEW J. DRISCOLL
Commissioner

SAM ZHOU, P.E.
Regional Director

TO: Fane-Valente Pit, Wynanskill, Rensselaer County.
Attn: Warren Fane

FROM: Mike Novak, Geotechnical Engineer, Region 1, 16 Avis Drive, Latham, NY M. Novak

SUBJECT: RESULTS OF TESTING

DATE: July 19, 2016

Summarized below are the results of the samples taken June 23, 2016 for use as Item 605.0901 on NYSDOT or Federally funded local projects.

Source Name: Fane-Valente — Location: Wynanskill
County: Rensselaer — GEB Source #: 1410 — Region 1 Source #: 1-16-19
Stockpile No: 1-16-03 — Quantity: 2650 m³ (5000 Ton) — Sampled by: D. Jammeh
Tested by: Geotechnical Engr. Bur — Checked by: M. Novak

Item 605.0901 Sieve Size		Percent Passing Sample Numbers				Specification Requirements	
		1-16-19	1-16-19 J	1-16-19 K	1-16-19 L	% Passing	
1"	25 mm	100	100	100	100	100	
½"	12.5 mm	69	75	76	78	30 - 100	
¼"	6.3 mm	7	8	6	10	0 - 30	
#10	2.0 mm	4	3	2	3	0 - 10	
#20	.850 mm	3	2	2	2	0 - 5	
Soundness % Loss by Weight		21	20	17	17	Mean 19	Spec Requirements 0 - 20%

Case for subsequent stockpiles - Case C (Tier 1)

This stockpile is **Accepted** for use as Item 605.0901. See test results above.

From:	Rachel Farnum
To:	"Barraza, Alicia A (DEC)"
Cc:	Gianna Aiezza; Komoroske, Michael (DEC)
Subject:	RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074
Date:	Wednesday, December 12, 2018 3:16:00 PM
Attachments:	image001.gif image002.gif image003.png image004.png

---

I checked with Luizzi and if the recycled concrete aggregate from Coeymans is approved to import then they will not need approval for #2 below. Also, we are in the process of getting the sampling coordinated for #3.

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Barraza, Alicia A (DEC) [mailto:alicia.barraza@dec.ny.gov]
Sent: Wednesday, December 12, 2018 3:13 PM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: Gianna Aiezza <gaiezza@envirospeceng.com>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

Rachel-
I still need the missing info for #2 in my email below (Request 1-7R stone fill with attachments & Request 1-2RS stone fill with attachments), if you still wish to import this material to the site.

Alicia

From: Komoroske, Michael (DEC)
Sent: Wednesday, December 05, 2018 10:11 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: gaiezza@envirospeceng.com; Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

Rachel,

The documentation you have submitted is responsive to the following request:

1. *Request 1-7R with attachments & Request 1-2RS with attachment : The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine. Also provide the permit number and address for the source facility.*

The material is acceptable for use. Thank You.

Mike

Michael J. Komoroske, P.E.
Chief, Section A, Remedial Bureau B
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233-7016
P: 518-402-9802| F: 518-402-9773| michael.komoroske@dec.ny.gov

www.dec.ny.gov |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, December 05, 2018 9:19 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

I have attached documentation for the ASTM #57, #2 stone and Type 2 subbase for the 1-7R and 1-2RS sources. The attached letters include the permit number and address for each source facility.

-Rachel

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Barraza, Alicia A (DEC) [mailto:alicia.barraza@dec.ny.gov]
Sent: Friday, November 30, 2018 11:01 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: Gianna Aiezza <gaiezza@envirospeceng.com>; Komoroske, Michael (DEC)

<michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

No, just provide the additional documentation. Make sure it's labeled so I know which documentation goes with which request.

Alicia

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Friday, November 30, 2018 10:38 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

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Thanks, when we get the additional information, do we need to submit a new form for each?

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Barraza, Alicia A (DEC) [mailto:alicia.barraza@dec.ny.gov]
Sent: Friday, November 30, 2018 9:58 AM
To: Rachel Farnum <rfarnum@envirospeceng.com>
Cc: Gianna Aiezza <gaiezza@envirospeceng.com>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Subject: RE: South Island Apartments Imported Fill Request Forms - BCP Site C401074

I reviewed the five requests to import material to this site. At this time, additional information is needed for each request so that DEC can make a determination.

1. Request 1-7R with attachments & Request 1-2RS with attachment : The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine. Also provide the permit number and address for the source facility.
2. Request 1-7R stone fill with attachments & Request 1-2RS stone fill with attachments: The letter from Callanan Industries should confirm that the material to be imported to the site is from a permitted quarry or mine; also provide the permit number and address for the source facility. In addition, sieve analysis is needed to determine if the material meets the requirement in DER-10 section 5.4(e)(5.).

3. 1-63F with attachment: This material (sand) doesn't qualify under DER-10, section 5.4(e)(5.). Instead, sampling is required per DER-10, section 5.4(e)(3.)(ii).

If you have any questions, please contact me.

Alicia Barraza
Project Manager, Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9690 | alicia.barraza@dec.ny.gov
www.dec.ny.gov |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Wednesday, November 28, 2018 10:16 AM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>
Cc: gaiezza@envirospeceng.com
Subject: South Island Apartments Imported Fill Request Forms

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Alicia,

I have attached five imported fill request forms with supporting documentation. These are for virgin material that would be brought to the site by Warren Fane, Inc and either obtained from their facility in Wynantskill or through Callanan Industries, Inc locations in Cropseyville and South Bethlehem.

We have a question about a recycled portland cement concrete aggregate from the Tappan Zee Bridge project. Can you clarify what supporting information or documentation would be required for this material? It would be coming from a NYSDOT project site. I saw in DER-10 that recycled concrete would not require chemical testing if it comes from a DEC registered C&D facility, but I wanted to clarify what would be the requirements for this material. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From:	Rachel Farnum
To:	"Barraza, Alicia A (DEC)"
Cc:	Gianna Aiezza
Subject:	South Island Apartments Imported Fill Request Forms
Date:	Wednesday, November 28, 2018 10:16:00 AM
Attachments:	Imported Material Form_Source 1-2RS with attachment.pdf Imported Material Form_Source 1-2RS_stone fill with attachment.pdf Imported Material Form_Source 1-7R with attachment.pdf Imported Material Form_Source 1-7R_stone fill with attachment.pdf Imported Material Form_Source 1-63F with attachment.pdf

---

Alicia,

I have attached five imported fill request forms with supporting documentation. These are for virgin material that would be brought to the site by Warren Fane, Inc and either obtained from their facility in Wynantskill or through Callanan Industries, Inc locations in Cropseyville and South Bethlehem.

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349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From: Rachel Farnum
To: Barraza, Alicia A (DEC); "Komoroske, Michael (DEC)"
Cc: Gianna Aiezza
Subject: Imported Material Form for South Island
Date: Monday, December 10, 2018 1:57:00 PM
Attachments: Imported Material Form_Carver Port of Coeymans with attachments.pdf

---

I have attached another imported material request form. This is a separate form from the ones sent in November, specifically for the recycled concrete aggregate from Port of Coeymans. Please let us know if you have any questions or need additional information. Thanks,

Rachel Farnum, P.E., CHMM
Senior Engineer
Envirospec Engineering, PLLC
349 Northern Blvd, Suite 3
Albany, NY 12204
P (518) 453-2203 ext 106
F (518) 453-2204
C (518) 491-6798
rfarnum@envirospeceng.com

From:	Barraza, Alicia A (DEC)
To:	Rachel Farnum; Komoroske, Michael (DEC)
Cc:	Gianna Aiezza
Subject:	RE: Imported Material Form for South Island
Date:	Friday, December 14, 2018 3:28:42 PM
Attachments:	image001.png image002.png
Importance:	High

DEC has reviewed this request to import material to BCP Site C401074, along with the supporting documents. DEC hereby approves this material for use at this site. Please contact me if you have any questions.

Alicia Barraza
Project Manager, Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor, Albany, NY 12233-7016
P: (518) 402-9690 | alicia.barraza@dec.ny.gov
www.dec.ny.gov | | |

From: Rachel Farnum [mailto:rfarnum@envirospeceng.com]
Sent: Monday, December 10, 2018 1:58 PM
To: Barraza, Alicia A (DEC) <alicia.barraza@dec.ny.gov>; Komoroske, Michael (DEC) <michael.komoroske@dec.ny.gov>
Cc: gaiezza@envirospeceng.com
Subject: Imported Material Form for South Island

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I have attached another imported material request form. This is a separate form from the ones sent in November, specifically for the recycled concrete aggregate from Port of Coeymans. Please let us know if you have any questions or need additional information. Thanks,

Rachel Farnum, P.E., CHMM
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rfarnum@envirospeceng.com

APPENDIX K

SSDS Pressure Differential Testing Results

Professional Home Inspection Service
1278 Vestal Avenue
Binghamton, NY 13903
Voice (607) 773-1519 Fax (607) 773-4731
www.professionalhome.com office@professionalhome.com

November 26, 2019

Att. Christopher S, Kopec
McFarland Johnson
2525 State Route 332
Canandaigua, New York 14424

Dear Mr. Kopec,

We completed the pressure field extension study on the Project 18327.00 Building 15 known as South Island Apartments LLC. Village of Green Island, New York.

The study was conducted per the typical plan for pressure field extension work for Multifamily Buildings, RMS-MF2018 that is required for and part of the Long Term O M & M Plan.

The project included the installation of 14 test locations designed to assure that negative pressure was consistent under the entire slab of the building. The test ports are a permanently installed stainless steel Vapor Pin System.

The 14 locations that were chosen were not the ones that were originally designed due to the floor coverings that were already installed. The test locations that were used were acceptable and gave us acceptable test results.

All 14 test locations showed a negative pressure that exceeded the recommended negative pressure field.

#1 -.185	#2-.146	#3-.200	#4 -.225	#5-.622
#6-.19	#7-.193	#8-.198	#9-1.336	#10-.190
#11-183	#12-.184	#13-.160	#14-210.	

No further pressure field extension study is required and no further recommendations are submitted.

The only other thing that may be required is the radon testing of each ground floor apartment, and required test locations for any additional floors per MAMF-2017. This would be required to complete your O M & M Plan.

If you have any questions or concerns, please feel free to contact me at any time.

Please let me know if you need assistance with the required O M & M Plan.

Thank you for your business,

George Schambach
NRPP Certification # 108793RMT & 108792 RT
Professional Home Inspections

McFarland Johnson
Innovative Solutions / Sustainable Results

49 Court Street • Suite 240 • Binghamton, NY 13901
Phone: 607-723-9421 • Fax: 607-723-4979
www.mjinc.com

August 13, 2021

Chuck Pafundi Jr.
Project Manager
Peter Luizzi & Bros. Contracting Inc.
49 Railroad Ave. Albany, NY 12205

RE: Starbuck Island Redevelopment Building #15 Site Mitigation

Dear Mr. Pafundi,

The intent of this letter is to inform the owner of the design intent, as well as the pressure field extension study results performed by *Professional Home Inspection Service* dated November 26, 2019 at Building #15 located at Starbuck Island Development, 25 Starbuck Dr, Green Island, New York 12183.

- Active Ventilation System – The design calls for (3) individual active mitigation systems beneath the building's concrete slab/foundation. Each individual system is designed to draw air from beneath the slab/foundation maintaining a continuous negative pressure beneath the center core and perimeter.

- Vapor Barrier System – The design calls for a continuously-seamed sealed layer of vapor barrier to be installed above the active ventilation system, below the slab/foundation. The intent is to prohibit VOC's (volatile organic compounds) permeating up into the occupied areas. The design calls for a barrier that is a 20 millimeter membrane meeting Standard ASTM E-1745 (Plastic Water Retarders Used in Contact with Soil or Granular Fill Under Slabs).

- Geo-Technical Report – Per the Geo-Technical report performed in June of 2017, it was determined that the existing water table levels are at least 20'-0" below the proposed finished grade throughout the site, reducing the ability for VOC's to reach occupied levels.

- See Exhibit-A for pressure field extension study results.

The above listed designed systems at Starbuck Island Building #15 meet the intent of the referenced standards. The system as designed satisfies the requirements for the soil vapor mitigation system.

Sincerely,

Christopher S. Kopec, P.E.
Regional Director of Facilities

Exhibit-A
Pressure Field Extension Study

Professional Home Inspection Service
1278 Vestal Avenue
Binghamton, NY 13903
Voice (607) 773-1519 Fax (607) 773-4731
www.professionalhome.com office@professionalhome.com

November 26, 2019

Att. Christopher S, Kopec
McFarland Johnson
2525 State Route 332
Canandaigua, New York 14424

Dear Mr. Kopec,

We completed the pressure field extension study on the Project 18327.00 Building 15 known as South Island Apartments LLC. Village of Green Island, New York.

The study was conducted per the typical plan for pressure field extension work for Multifamily Buildings, RMS-MF2018 that is required for and part of the Long Term O M & M Plan.

The project included the installation of 14 test locations designed to assure that negative pressure was consistent under the entire slab of the building. The test ports are a permanently installed stainless steel Vapor Pin System.

The 14 locations that were chosen were not the ones that were originally designed due to the floor coverings that were already installed. The test locations that were used were acceptable and gave us acceptable test results.

All 14 test locations showed a negative pressure that exceeded the recommended negative pressure field.

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#6-.19	#7-.193	#8-.198	#9-1.336	#10-.190
#11-183	#12-.184	#13-.160	#14-210.	

No further pressure field extension study is required and no further recommendations are submitted.

The only other thing that may be required is the radon testing of each ground floor apartment, and required test locations for any additional floors per MAMF-2017. This would be required to complete your O M & M Plan.

If you have any questions or concerns, please feel free to contact me at any time.

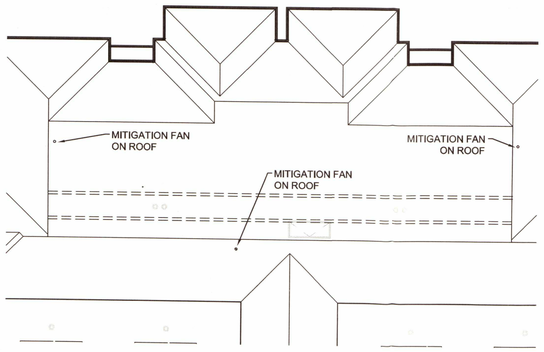
Please let me know if you need assistance with the required O M & M Plan.

Thank you for your business,

George Schambach
NRPP Certification # 108793RMT & 108792 RT
Professional Home Inspections

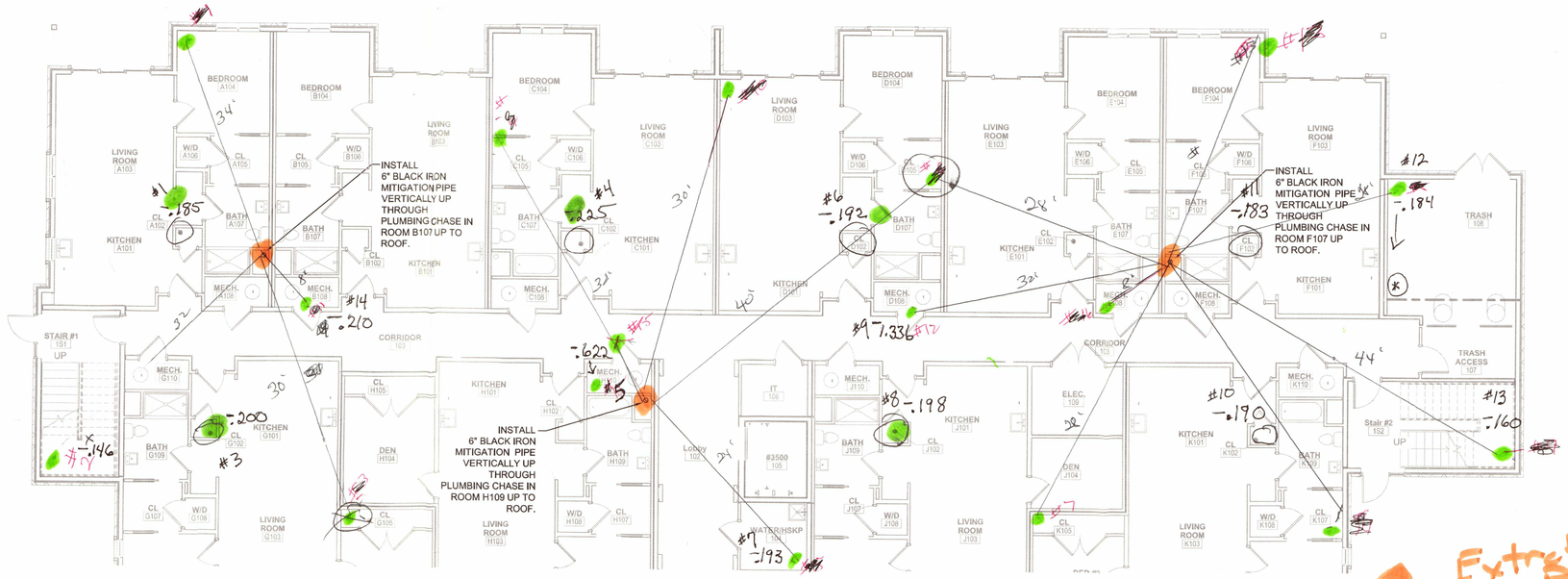
MECHANICAL GENERAL NOTES

1. COORDINATE ALL PIPING LAYOUTS WITH OTHER TRADES PRIOR TO INSTALLATION
2. FIRE CAULK EACH FLOOR PENETRATION AT 6" VERTICAL PIPE LOCATION.

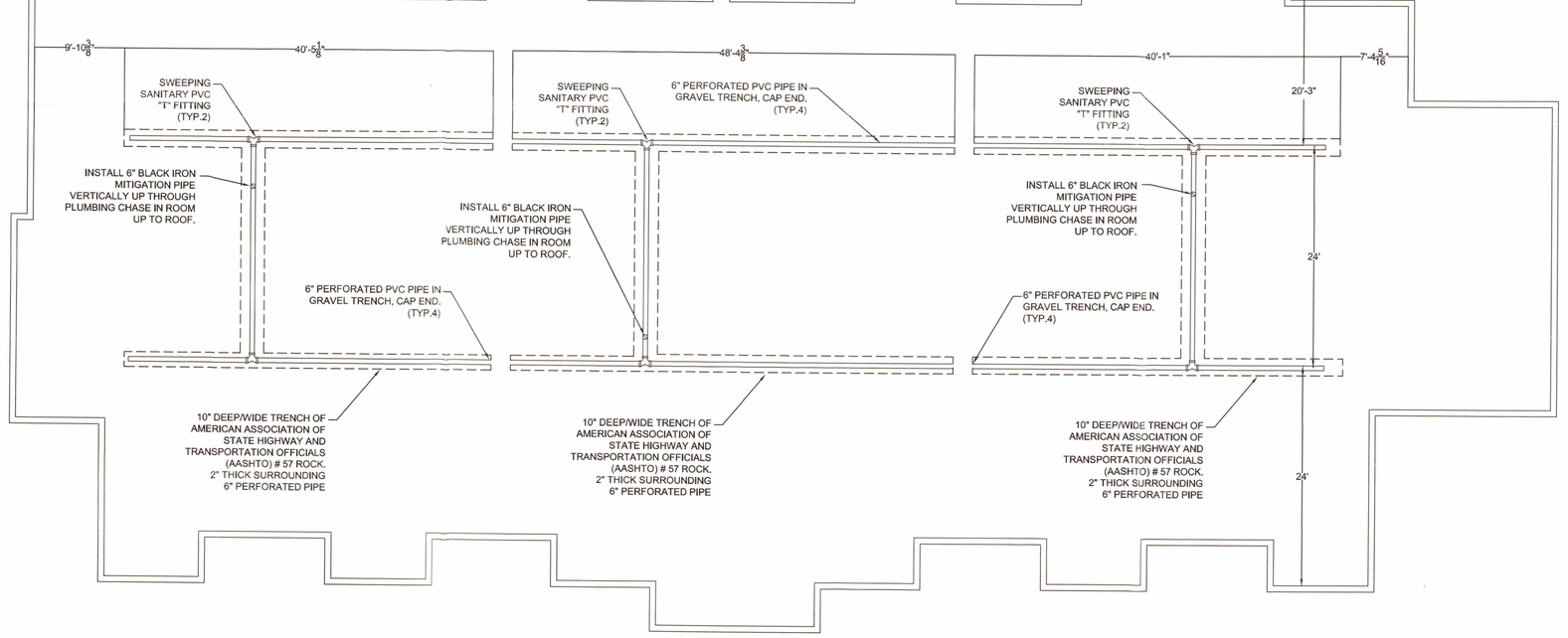


1 SUB-SLAB MITIGATION ROOF PLAN BLDG 15
1/16" = 1'-0"

#1. -.185 in.W.C.
#2. -.146
#3. -.200
#4. -.225
#5. -.622
#6. -.192
#7. -.193
#8. -.198
#9. -1.336
#10. -.190
#11. -.183
#12. -.184
#13. -.160
#14. -.210



2 SUB-SLAB MITIGATION FIRST FLOOR THROUGH FOURTH PLAN BLDG 15
1/8" = 1'-0"



3 SUB-SLAB MITIGATION FIRST FLOOR SLAB PLAN BLDG 15
1/8" = 1'-0"

FINAL DESIGN PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK · CHRISTOPHER S. ROSEC · 081356 · LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424

SOUTH ISLAND APARTMENTS, LLC
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

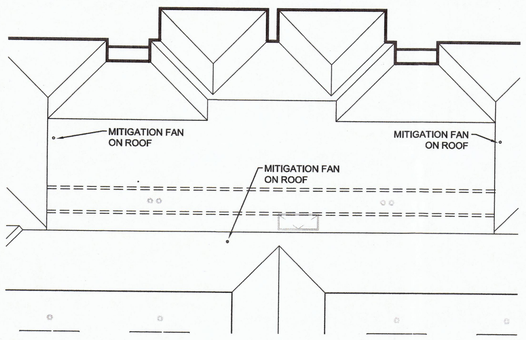
STARBUCK ISLAND REDEVELOPMENT

SUB-SLAB MITIGATION PARTIAL FLOOR PLANS

SCALE:	SEE PLANS	DESIGN:	CJZ	M-015
DRAWN:	CJZ	PROJECT:	18327.00	
CHECKED:	MRM	DATE:	11-06-18	2 OF 3

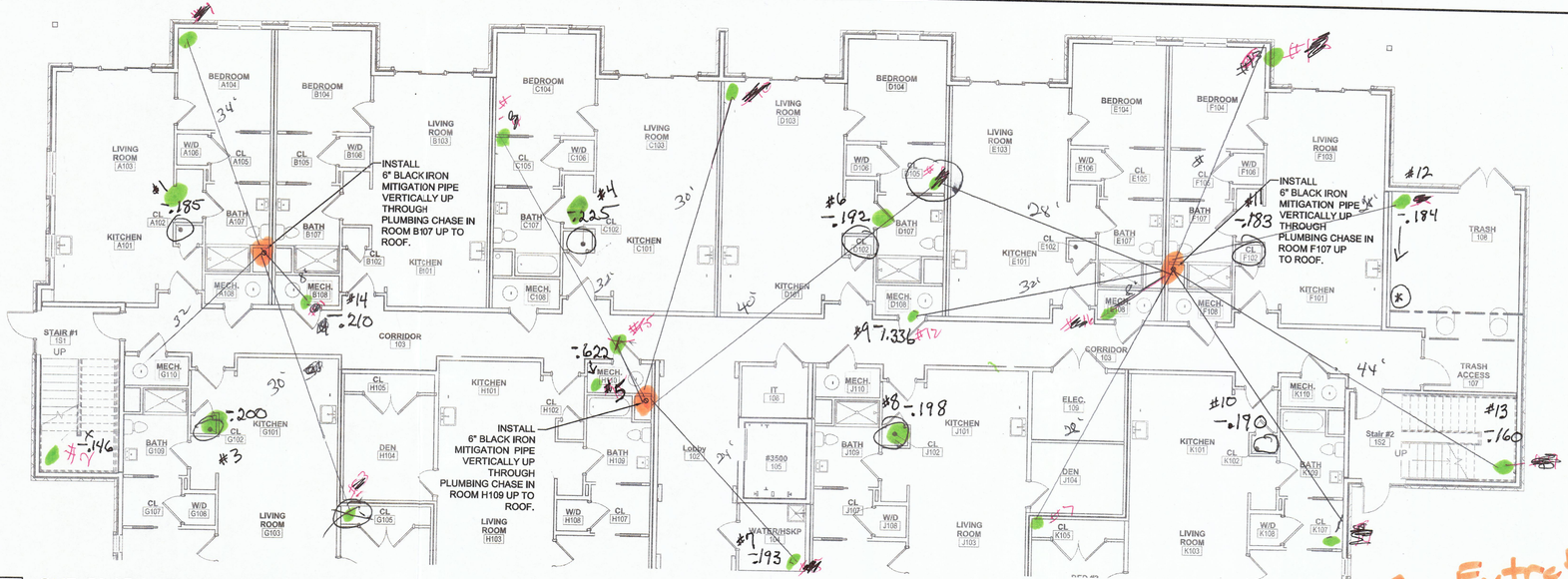
MECHANICAL GENERAL NOTES

1. COORDINATE ALL PIPING LAYOUTS WITH OTHER TRADES PRIOR TO INSTALLATION
2. FIRE CAULK EACH FLOOR PENETRATION AT 6" VERTICAL PIPE LOCATION.



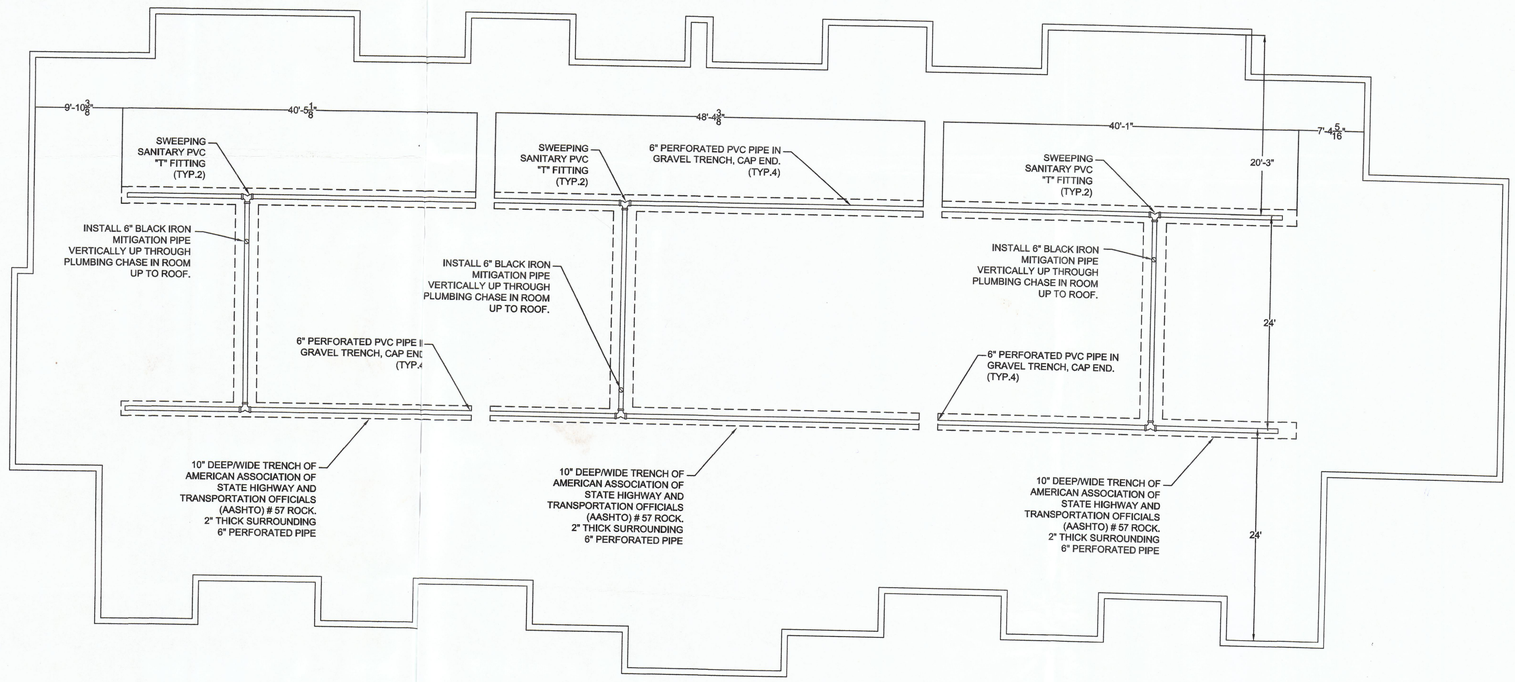
1 SUB-SLAB MITIGATION ROOF PLAN BLDG 15
1/16" = 1'-0"

#1. -.185 in WC.
#2. -.146
#3. -.200
#4. -.225
#5. -.622
#6. -.192
#7. -.193
#8. -.198
#9. -1.336
#10. -.190
#11. -.183
#12. -.184
#13. -.160
#14. -.210



2 SUB-SLAB MITIGATION FIRST FLOOR THROUGH FOURTH PLAN BLDG 15
1/8" = 1'-0"

Extra Point



3 SUB-SLAB MITIGATION FIRST FLOOR SLAB PLAN BLDG 15
1/8" = 1'-0"

FINAL DESIGN PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

STATE OF NEW YORK * CHRISTOPHER S. ROSSO * 081396 LICENSED PROFESSIONAL ENGINEER

REV	DATE	DESCRIPTION	BY

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424

SOUTH ISLAND APARTMENTS, LLC
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

SUB-SLAB MITIGATION PARTIAL FLOOR PLANS

SCALE:	SEE PLANS	DESIGN:	CJZ
DRAWN:	CJZ	PROJECT:	18327.00
CHECKED:	MRM	DATE:	11-06-18

M-015
2 OF 3

McFarland Johnson
Innovative Solutions / Sustainable Results

49 Court Street • Suite 240 • Binghamton, NY 13901
Phone: 607-723-9421 • Fax: 607-723-4979
www.mjinc.com

March 16, 2020

Chuck Pafundi Jr.
Project Manager
Peter Luizzi & Bros. Contracting Inc.
49 Railroad Ave. Albany, NY 12205

RE: Starbuck Island Redevelopment Building #25 Site Mitigation

Dear Mr. Pafundi,

The intent of this letter is to inform the owner of the installed mitigation system performance at Building #25 located at Starbuck Island Development, 25 Starbuck Dr, Green Island, New York 12183.

- Active Ventilation System – There are (5) individual active mitigation systems beneath the building's sub-grade parking garage. Each individual system is drawing air from beneath the parking garage floor maintaining a continuous negative pressure beneath the center core area of the parking garage.

- Vapor Barrier System – A continuously-seamed sealed layer of vapor barrier is installed above the active ventilation system, below the garage floor. The intent is to prohibit VOC's (volatile organic compounds) permeating up into the parking garage. The installed barrier is a 20 millimeter membrane meeting Standard ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Slabs).

- Redundant Mechanical Ventilation within Garage – Per ANSI/AARST (American Association of Radon Scientists and Technologists) Soil Gas Control Systems in New Construction of Buildings 2018, section 4.8 Ventilation – *Garages attached to a foundation system do not require a soil-gas vent system if compliant with ANSI/ASHRAE 62.1, section 5.15 for ventilation and pressurization of enclosed spaces surrounding the garage.*

    - ANSI/ASHRAE 62.1, 5:15 Buildings with Attached Parking Garages – *In order to limit the entry of vehicular exhaust into occupied spaces, buildings with attached parking garages shall be designed to*:
        - a. *maintain the garage pressure at or below the pressure of the adjacent occupied spaces.*

- Per the written statement of the Engineer of Record responsible for the garage fan design - *Installed within the below grade parking garage is an 865 cfm exhaust fan that is intended to operate constantly. This exhaust fan running continuously provides 0.375 air change per hour within the garage,* maintaining a negative pressure from the above adjacent occupied spaces.

- Geo-Technical Report – Per the Geo-Technical report performed in June of 2017, it was determined that the existing water table levels are at least 20'-0" below the proposed finished grade throughout the site, reducing the ability for VOC's to reach occupiable levels.

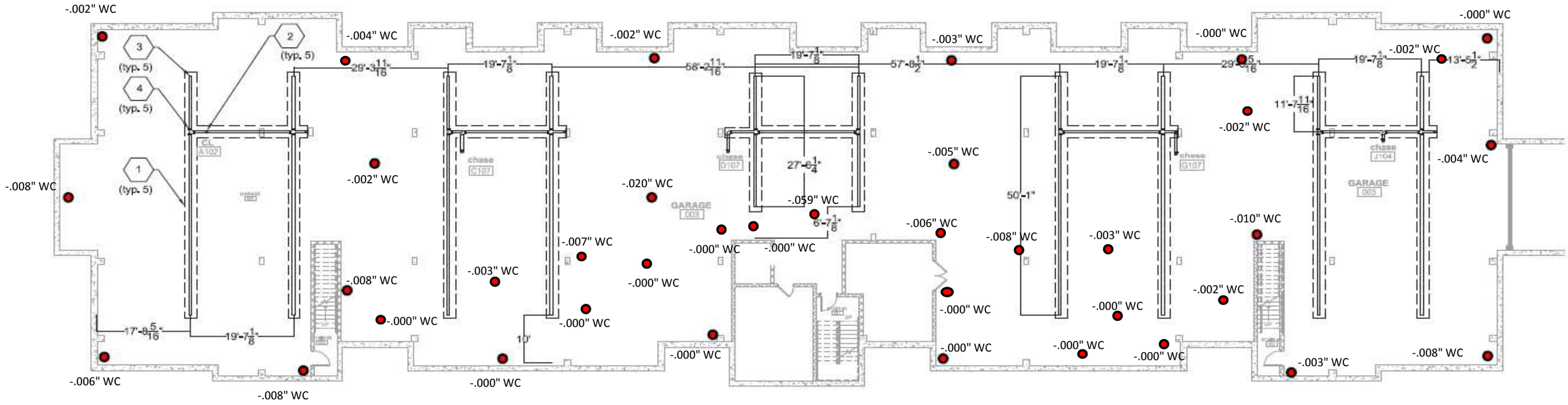
The above listed installed systems at Starbuck Island Building #25 meet the intent of the referenced codes and standards. The system as designed satisfies the requirements for a soil vapor mitigation system.

Sincerely,

Christopher S. Kopec, P.E.

Regional Director of Facilities

Building 25


-.002" WC
-.004" WC
-.002" WC
-.003" WC
-.000" WC
-.000" WC
-.002" WC
-.004" WC
-.008" WC
-.002" WC
-.020" WC
-.005" WC
-.059" WC
-.006" WC
-.010" WC
-.007" WC
-.008" WC
-.003" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.000" WC
-.002" WC
-.003" WC
-.008" WC
-.006" WC
-.008" WC
-.000" WC
10'
(typ. 5)
(typ. 5)
(typ. 5)
(typ. 5)
chase
C107
chase
D107
chase
G107
chase
J104
GARAGE
003
GARAGE
005
CL
A102
29'-3 11/16"
19'-7 1/8"
58'-2 11/16"
19'-7 1/8"
57'-8 1/2"
19'-7 1/8"
29'-8 5/16"
19'-7 1/8"
13'-5 1/2"
11'-7 11/16"
27'-6 1/4"
6'-7 1/8"
50'-1"
17'-8 5/16"
19'-7 1/8"

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July 13, 2020

Chuck Pafundi Jr.
Project Manager
Peter Luizzi & Bros. Contracting Inc.
49 Railroad Ave. Albany, NY 12205

RE: Starbuck Island Redevelopment Building #30 Site Mitigation

Dear Mr. Pafundi,

The intent of this letter is to inform the owner of the installed system performance at Building #30 located at Starbuck Island Development, 25 Starbuck Dr, Green Island, New York 12183.

- Active Ventilation System – There are (7) individual active mitigation systems beneath the building's sub-grade parking garage. Each individual system is drawing air from beneath the parking garage floor maintaining a continuous negative pressure beneath the center core area of the parking garage.

- Vapor Barrier System – A continuously-seamed sealed layer of vapor barrier is installed above the active ventilation system, below the garage floor. The intent is to prohibit VOC's (volatile organic compounds) permeating up into the parking garage. The installed barrier is a 20 millimeter membrane meeting Standard ASTM E-1745 (Plastic Water Retarders Used in Contact with Soil or Granular Fill Under Slabs).

- Redundant Mechanical Ventilation within Garage – Per ANSI/ARRST (American Association of Radon Scientist and Technologists) Soil Gas Control Systems in New Construction of Buildings 2018, section 4.8 Ventilation – *Garages attached to a foundation system do not require a soil-gas vent system if compliant with ANSI/ASHRAE 62.1, section 5.15 for ventilation and pressurization of enclosed spaces surrounding the garage.*

    - ANSI/ASHRAE 62.1, 5:15 Building with Attached Parking Garages – *In order to limit the entry of vehicular exhaust into occupied spaces, buildings with attached parking garages shall be designed to:*
        - a. *maintain the garage pressure at or below the pressure of the adjacent occupied spaces.*

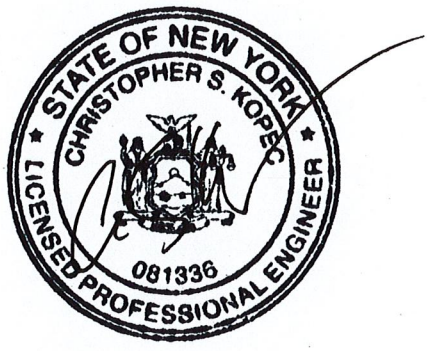
- Per the written statement of the Engineer of Record responsible for the garage fan design – *Installed within the below grade parking garage is a 1,000 cfm exhaust fan that is intended to operate constantly. This exhaust fan running continuously provides 0.263 air changes per hour within the garage, maintaining a negative pressure from the above adjacent occupied spaces.*

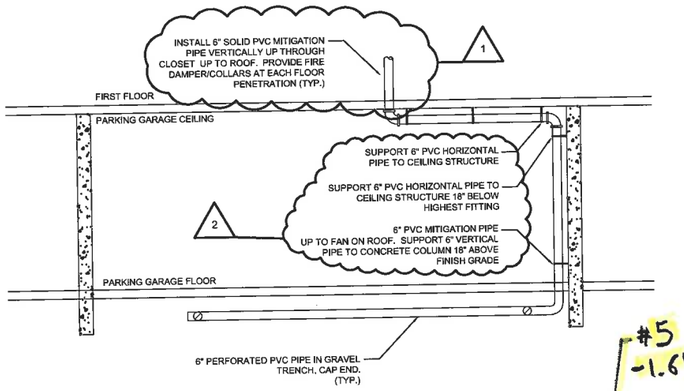
- Geo-Technical Report – Per the Geo-Technical report performed in June of 2017, it was determined that the existing water table levels are at least 20'-0" below the proposed finished grade throughout the site, reducing the ability for VOC's to reach occupied levels.

The above listed installed systems at Starbuck Island Building #30 meet the intent of the referenced codes and standards. The system as designed satisfies the requirements for the soil vapor mitigation system.

Sincerely,

Christopher S. Kopec, P.E.
Regional Director of Facilities





1 TYPICAL PIPE RISER ALONG COLUMN IN GARAGE TO PIPE CHASE ABOVE

SCALE - NONE

6"exhaust

A B C

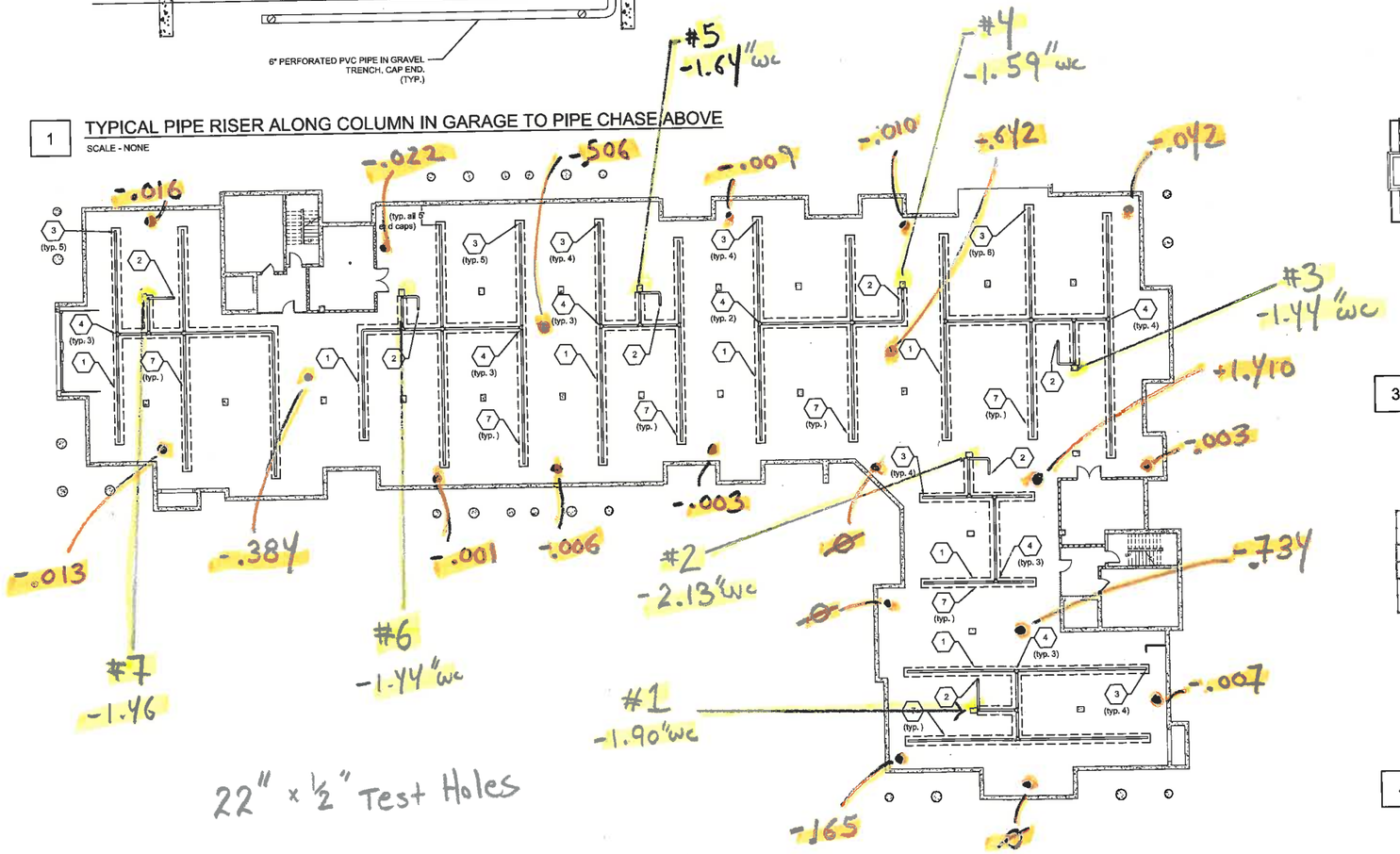
ft/min	#1	#2	#3	#4	#5	#6	#7
A	1712	1420	1934	1870	1663	1847	1584
B	1230	668	2532	2640	2193	2807	1949
C	1425	1542	1379	2070	1974	1632	1520

MECHANICAL KEYED NOTES

1. 10" DEEPWIDE TRENCH OF AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) # 57 ROCK. 2" THICK SURROUNDING 6" PERFORATED PIPE
2. INSTALL 6" PVC MITIGATION PIPE VERTICALLY UP THROUGH CLOSET UP TO ROOF.
3. 6" PERFORATED PVC PIPE IN GRAVEL TRENCH, CAP END.
4. SWEEPING SANITARY PVC "T" FITTING .
5. MITIGATION FAN ON ROOF.
6. INSTALL 6" PVC MITIGATION PIPE VERTICALLY UP THROUGH PLUMBING CHASE IN CLOSET TO ROOF.
7. CENTER EACH BRANCH PIPE WITHIN STRUCTURAL COLUMNS (TYPICAL).

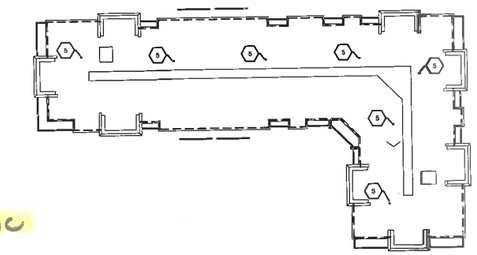
MECHANICAL GENERAL NOTES

1. COORDINATE ALL PIPING LAYOUTS WITH OTHER TRADES PRIOR TO INSTALLATION
2. FIRE CAULK EACH FLOOR PENETRATION AT 6" VERTICAL PIPE LOCATION.



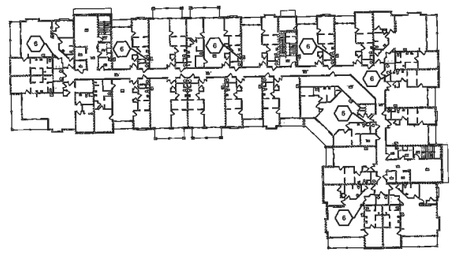
2 SUB-SLAB MITIGATION UNDERGROUND GARAGE FLOOR SLAB PLAN

1/16" = 1'-0"



3 ROOF PLAN

1/32" = 1'-0"



4 FIRST FLOOR PLAN

1/32" = 1'-0"

FINAL DESIGN PLANS

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REV	DATE	DESCRIPTION	BY
2	5-29-2019	OWNER REQUESTED PIPE MATERIAL CHANGE	CJZ
		PVC UNDERGROUND, BLACK IRON WITHIN GARAGE	
1	4-10-2019	PVC WITHIN CHASES WITH FIRE DAMPER/COLLAR	CJZ

McFarland Johnson
2525 STATE ROUTE 332
CANANDAIGUA, NEW YORK 14424

SOUTH ISLAND APARTMENTS, LLC
VILLAGE OF GREEN ISLAND, STATE OF NEW YORK

STARBUCK ISLAND REDEVELOPMENT

SUB-SLAB MITIGATION
PARTIAL FLOOR PLANS - BUILDING 30

SCALE:	SEE PLANS	DESIGN:	CJZ
DRAWN:	CJZ	PROJECT:	18327.00
CHECKED:	MRM	DATE:	03-15-19

M-30
2 OF 2

McFarland Johnson
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Phone: 607-723-9421 • Fax: 607-723-4979
www.mjinc.com

December 16, 2020

Chuck Pafundi Jr.
Project Manager
Peter Luizzi & Bros. Contracting Inc.
49 Railroad Ave. Albany, NY 12205

RE: Starbuck Island Redevelopment Building #20 Site Mitigation

Dear Mr. Pafundi,

The intent of this letter is to inform the owner of the installed mitigation system performance at Building #20 located at Starbuck Island Development, 25 Starbuck Dr, Green Island, New York 12183.

- Active Ventilation System – There are (8) individual active mitigation systems beneath the building's sub-grade parking garage. Each individual system is drawing air from beneath the parking garage floor maintaining a continuous negative pressure beneath the center core area as well as the perimeter of the parking garage.

- Vapor Barrier System – A continuously-seamed sealed layer of vapor barrier is installed above the active ventilation system, below the garage floor. The intent is to prohibit VOC's (volatile organic compounds) permeating up into the parking garage. The installed barrier is a 20 millimeter membrane meeting Standard ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Slabs).

- Redundant Mechanical Ventilation within Garage – Per ANSI/AARST (American Association of Radon Scientists and Technologists) Soil Gas Control Systems in New Construction of Buildings 2018, section 4.8 Ventilation – *Garages attached to a foundation system do not require a soil-gas vent system if compliant with ANSI/ASHRAE 62.1, section 5.15 for ventilation and pressurization of enclosed spaces surrounding the garage.*

    - ANSI/ASHRAE 62.1, 5:15 Buildings with Attached Parking Garages – *In order to limit the entry of vehicular exhaust into occupied spaces, buildings with attached parking garages shall be designed to*:
        - a. *maintain the garage pressure at or below the pressure of the adjacent occupied spaces.*

- Per the written statement of the Engineer of Record responsible for the garage fan design – *Installed within the below grade parking garage is a 1,000 cfm exhaust fan that is intended to operate constantly. This exhaust fan running continuously provides 0.263 air changes per hour within the garage, maintaining a negative pressure from the above adjacent occupied spaces.*

- Geo-Technical Report – Per the Geo-Technical report performed in June of 2017, it was determined that the existing water table levels are at least 20'-0" below the proposed finished grade throughout the site, reducing the ability for VOC's to reach occupiable levels.

The above listed installed systems at Starbuck Island Building #20 meet the intent of the referenced codes and standards. The system as designed satisfies the requirements for a soil vapor mitigation system.

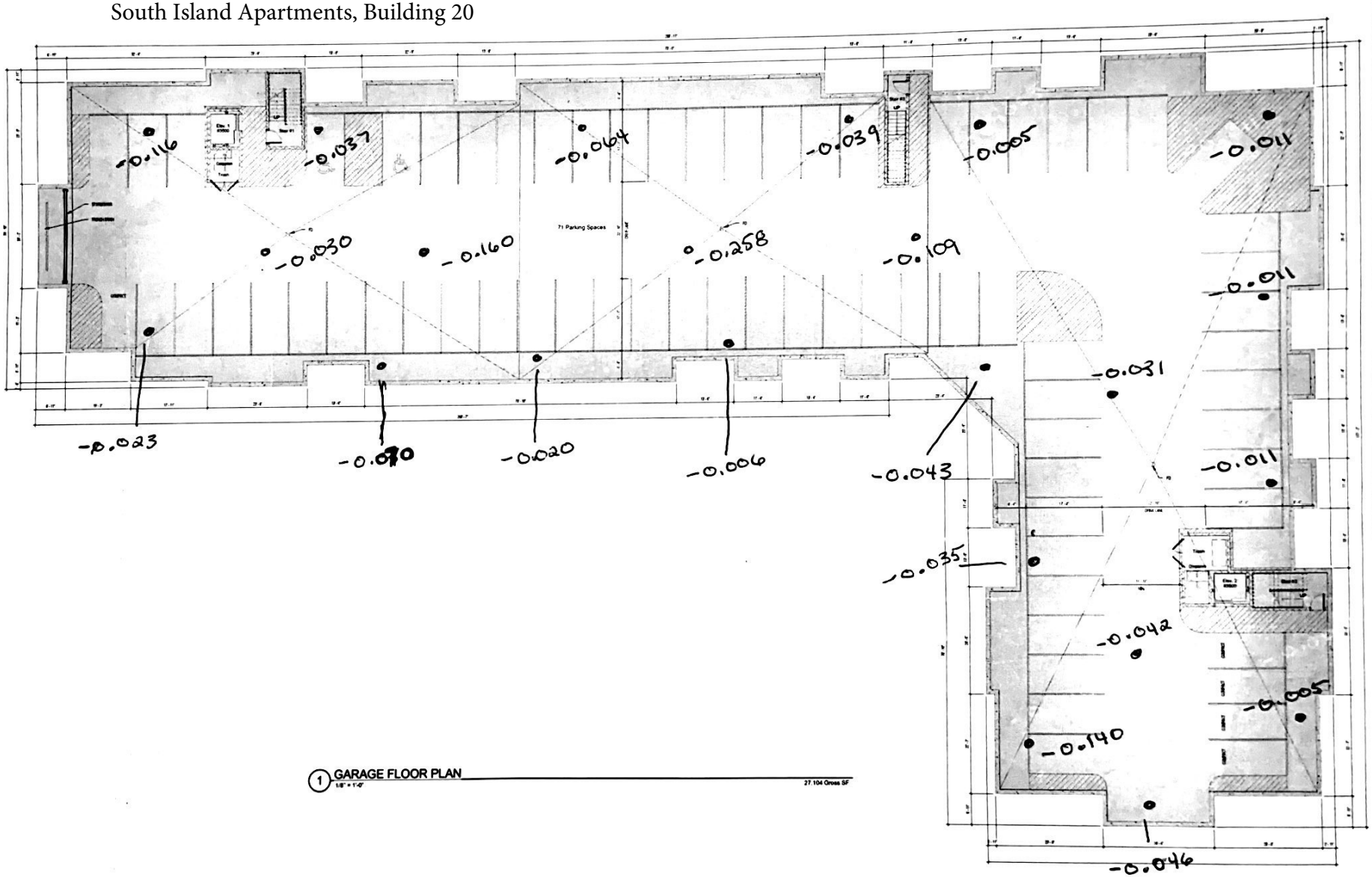
Sincerely,

Christopher S. Kopec, P.E.

Regional Director of Facilities

Vapor Mitigation System Testing Completed on 12/15/20 by Joseph Bogdanowicz of Alpine Environmental Services, Inc.

South Island Apartments, Building 20



1 GARAGE FLOOR PLAN
1/8" = 1'-0"
27,104 Gross SF

PROGRESS PRINT

BBL Construction Services

hcp architects

PROGRESS PRINT
February 21st, 2018

NOTE: IT IS A VIOLATION OF THE NEW YORK STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM AS INDICATED ON DRAWING IN ANY WAY

Starbuck Island Development:

20 STARBUCK DRIVE

Village of Green Island, New York 12183

REVISIONS

No.	DESCRIPTION	DATE

HCP JOB NO. 1691

DRAWING TITLE: GARAGE FLOOR PLAN

DRAWING NUMBER: A100

Scanned with CamScanner

McFarland Johnson
Innovative Solutions / Sustainable Results

49 Court Street • Suite 240 • Binghamton, NY 13901
Phone: 607-723-9421 • Fax: 607-723-4979
www.mjinc.com

August 13, 2021

Chuck Pafundi Jr.
Project Manager
Peter Luizzi & Bros. Contracting Inc.
49 Railroad Ave. Albany, NY 12205

RE: Starbuck Island Redevelopment Building #10 Site Mitigation

Dear Mr. Pafundi,

The intent of this letter is to inform the owner of the design intent at Building #10 located at Starbuck Island Development, 25 Starbuck Dr, Green Island, New York 12183.

- Active Ventilation System – The design calls for (5) individual active mitigation systems beneath the building's concrete slab/foundation. Each individual system is designed to draw air from beneath the slab/foundation maintaining a continuous negative pressure beneath the center core and perimeter.

- Vapor Barrier System – The design calls for a continuously-seamed sealed layer of vapor barrier to be installed above the active ventilation system, below the slab/foundation. The intent is to prohibit VOC's (volatile organic compounds) permeating up into the occupied areas. The design calls for a barrier that is a 20 millimeter membrane meeting Standard ASTM E-1745 (Plastic Water Retarders Used in Contact with Soil or Granular Fill Under Slabs).

- Geo-Technical Report – Per the Geo-Technical report performed in June of 2017, it was determined that the existing water table levels are at least 20'-0" below the proposed finished grade throughout the site, reducing the ability for VOC's to reach occupied levels.

The above listed designed systems at Starbuck Island Building #10 meet the intent of the referenced standards. The system as designed satisfies the requirements for the soil vapor mitigation system.

Sincerely,

Christopher S. Kopec, P.E.
Regional Director of Facilities

Luizzi - Green Island Remediation - Building 10 Sampling

Sample ID	OA-01		IA-01		IA-02		SS-01		SS-02		DUP		BLANK	
	5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021		5/21/2021	
Analyses	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)	Results (ug/m3)	Detection Limit (ug/m3)
1,1,1-Trichloroethane	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
1,1,2,2-Tetrachloroethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82
1,1-Dichloroethane	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61
1,1-Dichloroethene	ND	0.16	ND	0.16	ND	0.16	ND	0.59	ND	0.59	ND	0.16	ND	0.16
1,2,4-Trichlorobenzene	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
1,2,4-Trimethylbenzene	0.54	0.74	0.93	0.74	0.93	0.74	ND	0.74	ND	0.74	0.79	0.74	ND	0.74
1,2-Dibromoethane	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,2-Dichlorobenzene	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,2-Dichloroethane	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61	ND	0.61
1,2-Dichloropropane	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69
1,3,5-Trimethylbenzene	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74
1,3-butadiene	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33	ND	0.33
1,3-Dichlorobenzene	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,4-Dichlorobenzene	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9	ND	0.9
1,4-Dioxane	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
2,2,4-trimethylpentane	ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7	ND	0.7
4-ethyltoluene	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74	ND	0.74
Acetone	24	7.1	36	7.1	17	7.1	39	28	51	28	23	7.1	ND	0.71
Allyl chloride	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47
Benzene	0.42	0.48	0.48	0.48	0.45	0.48	0.35	0.48	0.61	0.48	0.45	0.48	ND	0.48
Benzyl chloride	ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86	ND	0.86
Bromodichloromethane	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Bromoform	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Bromomethane	ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58	ND	0.58
Carbon disulfide	0.47	0.47	0.75	0.47	0.62	0.47	1.6	0.47	2.2	0.47	0.72	0.47	ND	0.47
Carbon tetrachloride	0.5	0.19	0.5	0.19	0.5	0.19	ND	0.94	ND	0.94	0.38	0.19	ND	0.19
Chlorobenzene	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69	ND	0.69
Chloroethane	ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4
Chloroform	ND	0.73	ND	0.73	ND	0.73	ND	0.73	0.78	0.73	ND	0.73	ND	0.73
Chloromethane	0.93	0.31	0.99	0.31	0.89	0.31	ND	0.31	ND	0.31	1	0.31	ND	0.31
cis-1,2-Dichloroethene	ND	0.16	0.32	0.16	0.32	0.16	ND	0.59	ND	0.59	ND	0.16	ND	0.16
cis-1,3-Dichloropropene	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68
Cyclohexane	ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52	ND	0.52
Dibromochloromethane	ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3	ND	1.3
Ethyl acetate	0.65	0.54	0.58	0.54	0.65	0.54	0.76	0.54	0.5	0.54	ND	0.54	ND	0.54
Ethylbenzene	ND	0.65	1.1	0.65	0.43	0.65	ND	0.65	ND	0.65	1	0.65	ND	0.65
Freon 11	1.3	0.84	1.5	0.84	1.2	0.84	1.2	0.84	1.2	0.84	1.2	0.84	ND	0.84
Freon 113	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1	ND	1.1
Freon 114	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Freon 12	2.7	0.74	2.6	0.74	2.6	0.74	2.6	0.74	3.2	0.74	2.5	0.74	ND	0.74
Heptane	0.74	0.61	85	25	ND	0.61	1.7	0.61	1.7	0.61	120	25	ND	0.61
Hexachloro-1,3-butadiene	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Hexane	0.49	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53
Isopropyl alcohol	3.1	0.37	6.1	0.37	3.6	0.37	12	3.7	7.6	3.7	3.4	0.37	ND	0.37
m&p-Xylene	ND	1.3	3.3	1.3	1.2	1.3	0.69	1.3	0.65	1.3	3.2	1.3	ND	1.3
Methyl Butyl Ketone	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2
Methyl Ethyl Ketone	1.7	0.88	6.5	8.8	6.2	8.8	7.1	8.8	9.1	8.8	6.5	8.8	ND	0.88
Methyl Isobutyl Ketone	ND	1.2	1.3	1.2	1.1	1.2	ND	1.2	2	1.2	1.5	1.2	ND	1.2
Methyl tert-butyl ether	ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54	ND	0.54
Methylene chloride	3.7	0.52	9.4	0.52	5.7	0.52	69	21	120	21	12	5.2	ND	0.52
o-Xylene	ND	0.65	1.4	0.65	0.56	0.65	ND	0.65	ND	0.65	1.3	0.65	ND	0.65
Propylene	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26	ND	0.26
Styrene	ND	0.64	0.89	0.64	0.77	0.64	ND	0.64	ND	0.64	0.77	0.64	ND	0.64
Tetrachloroethylene	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1	ND	1
Tetrahydrofuran	ND	0.44	6.5	4.4	5.9	4.4	20	4.4	16	4.4	6.8	4.4	ND	0.44
Toluene	1	0.57	5.2	0.57	3.5	0.57	2	0.57	5.7	0.57	5	0.57	ND	0.57
trans-1,2-Dichloroethene	ND	0.59	98	24	110	24	100	24	250	24	100	24	ND	0.59
trans-1,3-Dichloropropene	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68	ND	0.68
Trichloroethene	0.54	0.16	0.27	0.16	0.38	0.16	ND	0.81	ND	0.81	0.21	0.16	ND	0.16
Vinyl acetate	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53	ND	0.53
Vinyl Bromide	ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66	ND	0.66
Vinyl chloride	ND	0.1	ND	0.1	ND	0.1	ND	0.38	ND	0.38	ND	0.1	ND	0.1

[a] = From Table 3.1 in NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", October 2006.

CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206
Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752
NYSDOH ELAP Certificate No. 11830

Analytical Report

Rachel Farnum
Envirospec Engineering
349 Northern Blvd #3
Albany, NY 12204

TEL: (518) 453-2203
FAX
RE: Green Island

Tuesday, June 01, 2021
Order No.: C2105056

Dear Rachel Farnum:

Centek Laboratories, LLC received 7 sample(s) on 5/25/2021 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, Tetrahydrofuran, 4-PCH, sulfur derived and silcon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit

application on file to extend credit. Purchase orders or checks information must be submitted for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:
Same day TAT = 200%
Next business day TAT by Noon = 150%
Next business day TAT by 6:00pm = 100%
Second business day TAT by 6:00pm = 75%
Third business day TAT by 6:00pm = 50%
Fourth business day TAT by 6:00pm = 35%
Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.

CENTEK LABORATORIES, LLC

Date: *01-Jun-21*

CLIENT: Envirospec Engineering

Project: Green Island

Lab Order: C2105056

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Centek Laboratories, LLC SOP TS-80
Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

Centek Labs - Chain of Custody

Centek Laboratories
143 Midler Park Drive
Syracuse, NY 13206
315-431-9730
www.CentekLabs.com

Vapor Intrusion & IAQ

Site Name: Green Island
Project:
PO#:
Quote # Q-SP
Canister Order #: 8863

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☒ 1ug/M3	☒ Level II
☒ 1ug/M3 + 0.2 NYS	☐ Cat "B" Like
☐	☐

TAT Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	
4 Business Days	☐	25%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
*Next Day by 5pm	☐	100%	
*Next Day by Noon	☐	150%	
*Same Day	☐	200%	

Company: Envirospec Engineering, PLLC
Report to:
Address: 349 Northern Blvd Ste 3
City, State, Zip Albany, NY 12203
Email: rfarnum@envirospeceng.com
Phone: 518-453-2203

Company: Couch White, LLP
Check Here If Same: ☐
Invoice to:
Address: PO Box 22222
City, State, Zip Albany, NY 12201
Email: aschultz@couchwhite.com
Phone: 518-426-4600

*For Same and Next Day TAT Please Notify Lab

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Field Vacuum Start / Stop	Labs Vacuum** Rec'd/Analysis	Comments
Trip Blank					/	/	
OA-01	5/21/21	333	266	TO-15 SIM	-31" / -5"	-5 / -3	
1A-01	5/21/21	1195	187	TO-15 SIM	-31" / -5"	-4 / -4	
1A-02	5/21/21	231	344	TO-15 SIM	-31" / 6"	-4 / -4	
SS-01	5/21/21	347	1170	TO-15	-30" / -5"	-6 / -6	
SS-02	5/21/21	222	1195	TO-15	-31" / 6"	-5 / -5	
Dup (RP)	5/21/21	328	187		/	-4 / -4	
					/	/	
					/	/	
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Chain of Custody	Print Name	Signature	Date/Time	Courier: CIRCLE ONE
Sampled by:	Rachel Farnum		5/24/21 8:00AM	FedEx UPS Pickup/Dropoff
Relinquished by:				**For LAB USE ONLY
Received at Lab by:	Robert Gushlaw		5/25/21	Work Order # C2105056

***Chain of Custody must be completed in full. Lack of any missing information will affect your Turn Around Times (TAT)

*** By signing Centek Labs Chain of Custody, you are accepting Centek Labs Terms and Conditions listed on the reverse side.

CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name: ENVIROSPEC | Date and Time Received: 5/25/2021

Work Order Number: C2105056 | Received by: RG

Checklist completed by: Robin Gladden 5/25/21 (Signature / Date) | Reviewed by: WD 5/25/2021 (Initials / Date)

Matrix: | Carrier name: UPS - Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
COC signed when relinquished and received?	Yes ☑	No ☐	
COC agrees with sample labels?	Yes ☑	No ☐	
COC completely filled out?	Yes ☐	No ☑	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section bel

Client contacted: yes | Date contacted: 5/25/21 | Person contacted: Rachael

Contacted by: Robin | Regarding: canister # 328 sample # 6 was not on COC.

Comments:

Corrective Action: spoke to Rachael, add canister # 328 Dup, Sample #6. DB.

QC'd By: WD | DATE: 6/1/2021

CENTEK LABORATORIES, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering
Project:	Green Island
Lab Order:	C2105056

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C2105056-001A	OA-01	333,266	5/21/2021	5/25/2021
C2105056-002A	IA-01	1195,187	5/21/2021	5/25/2021
C2105056-003A	IA-02	231,344	5/21/2021	5/25/2021
C2105056-004A	SS-01	347,1170	5/21/2021	5/25/2021
C2105056-005A	SS-02	222,1195	5/21/2021	5/25/2021
C2105056-006A	Dup	328,187	5/21/2021	5/25/2021
C2105056-007A	Trip Blank	284		5/25/2021

Centek Laboratories, LLC

01-Jun-21

Lab Order: C2105056
Client: Envirospec Engineering
Project: Green Island

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C2105056-001A	OA-01	5/21/2021	Air	1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
C2105056-002A	IA-01			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
C2105056-003A	IA-02			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/27/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/27/2021
C2105056-004A	SS-01			1ug/M3 by Method TO15			5/27/2021
				1ug/M3 by Method TO15			5/27/2021
				1ug/M3 by Method TO15			5/26/2021
C2105056-005A	SS-02			1ug/M3 by Method TO15			5/26/2021
				1ug/M3 by Method TO15			5/27/2021
				1ug/M3 by Method TO15			5/27/2021
C2105056-006A	Dup			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/27/2021
				1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/27/2021
C2105056-007A	Trip Blank			1ug/m3 w/ 0.2ug/M3 CT-TCE-VC-DCE-1,1DCE			5/26/2021

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	OA-01
Lab Order:	C2105056	**Tag Number:**	333,266
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-5			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG□M3 W□0.2UG□M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.11	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3-butadiene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
1,4-Dioxane	□0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
4-ethyltoluene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Acetone	10	3.0		ppbV	10	5/26/2021 10:13:00 PM
Allyl chloride	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Benzene	0.13	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
Benzyl chloride	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromodichloromethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromoform	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Bromomethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 4:18:00 PM
Chlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloroethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloroform	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Chloromethane	0.45	0.15		ppbV	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Cyclohexane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Dibromochloromethane	□0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.18	0.15		ppbV	1	5/26/2021 4:18:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	OA-01
Lab Order:	C2105056	**Tag Number:**	333,266
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 11	0.24	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Freon 12	0.55	0.15		ppbV	1	5/26/2021 4:18:00 PM
Heptane	0.18	0.15		ppbV	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Hexane	0.14	0.15	J	ppbV	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	1.2	0.15		ppbV	1	5/26/2021 4:18:00 PM
m p-Xylene	0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	0.58	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	0.30	0.30		ppbV	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Methylene chloride	1.1	0.15		ppbV	1	5/26/2021 4:18:00 PM
o-Xylene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Styrene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Toluene	0.27	0.15		ppbV	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Trichloroethene	0.10	0.030		ppbV	1	5/26/2021 4:18:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 4:18:00 PM
Vinyl chloride	0.040	0.040		ppbV	1	5/26/2021 4:18:00 PM
Surr: Bromofluorobenzene	84.0	47-124		%REC	1	5/26/2021 4:18:00 PM

Qualifiers:					
	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-01
Lab Order:	C2105056	**Tag Number:**	1195,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-002A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG□M3 W□0.2UG□M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.19	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3-butadiene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
1,4-Dioxane	□0.30	0.30		ppbV	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
4-ethyltoluene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Acetone	15	3.0		ppbV	10	5/26/2021 10:56:00 PM
Allyl chloride	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Benzene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Benzyl chloride	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromodichloromethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromoform	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Bromomethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.24	0.15		ppbV	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 5:03:00 PM
Chlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloroform	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Chloromethane	0.48	0.15		ppbV	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.080	0.040		ppbV	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Cyclohexane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Dibromochloromethane	□0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.16	0.15		ppbV	1	5/26/2021 5:03:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-01
Lab Order:	C2105056	**Tag Number:**	1195,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-002A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.25	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 11	0.26	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Freon 12	0.52	0.15		ppbV	1	5/26/2021 5:03:00 PM
Heptane	21	6.0		ppbV	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	2.5	1.5		ppbV	10	5/26/2021 10:56:00 PM
m p-Xylene	0.75	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	2.2	3.0	J	ppbV	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	0.31	0.30		ppbV	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Methylene chloride	2.7	1.5		ppbV	10	5/26/2021 10:56:00 PM
o-Xylene	0.33	0.15		ppbV	1	5/26/2021 5:03:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Styrene	0.21	0.15		ppbV	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	2.2	1.5		ppbV	10	5/26/2021 10:56:00 PM
Toluene	1.4	0.15		ppbV	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	25	6.0		ppbV	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Trichloroethene	0.050	0.030		ppbV	1	5/26/2021 5:03:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 5:03:00 PM
Vinyl chloride	0.040	0.040		ppbV	1	5/26/2021 5:03:00 PM
Surr: Bromofluorobenzene	88.0	47-124		%REC	1	5/26/2021 5:03:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-02
Lab Order:	C2105056	**Tag Number:**	231,344
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-003A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG□M3 W□0.2UG□M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.19	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3-butadiene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
1,4-Dioxane	□0.30	0.30		ppbV	1	5/26/2021 5:47:00 PM
2,2,4-trimethylpentane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
4-ethyltoluene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Acetone	7.3	3.0		ppbV	10	5/27/2021 12:22:00 AM
Allyl chloride	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Benzene	0.14	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Benzyl chloride	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromodichloromethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromoform	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Bromomethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.20	0.15		ppbV	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.080	0.030		ppbV	1	5/26/2021 5:47:00 PM
Chlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloroethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloroform	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Chloromethane	0.43	0.15		ppbV	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.080	0.040		ppbV	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Cyclohexane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Dibromochloromethane	□0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.18	0.15		ppbV	1	5/26/2021 5:47:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-02
Lab Order:	C2105056	**Tag Number:**	231,344
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-003A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.10	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Freon 11	0.21	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Freon 12	0.52	0.15		ppbV	1	5/26/2021 5:47:00 PM
Heptane	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	1.5	0.15		ppbV	1	5/26/2021 5:47:00 PM
m p-Xylene	0.27	0.30	J	ppbV	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	2.1	3.0	J	ppbV	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	0.28	0.30	J	ppbV	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Methylene chloride	1.6	0.15		ppbV	1	5/26/2021 5:47:00 PM
o-Xylene	0.13	0.15	J	ppbV	1	5/26/2021 5:47:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Styrene	0.18	0.15		ppbV	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	2.0	1.5		ppbV	10	5/27/2021 12:22:00 AM
Toluene	0.93	0.15		ppbV	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethene	27	6.0		ppbV	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Trichloroethene	0.070	0.030		ppbV	1	5/26/2021 5:47:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 5:47:00 PM
Vinyl chloride	0.040	0.040		ppbV	1	5/26/2021 5:47:00 PM
Surr: Bromofluorobenzene	83.0	47-124		%REC	1	5/26/2021 5:47:00 PM

Qualifiers:					
	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-6			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,1-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
1,4-Dioxane	0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Acetone	16	12		ppbV	40	5/27/2021 2:30:00 AM
Allyl chloride	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Benzene	0.11	0.15	J	ppbV	1	5/26/2021 6:32:00 PM
Benzyl chloride	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromodichloromethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromoform	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Bromomethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Carbon disulfide	0.51	0.15		ppbV	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chlorobenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloroethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloroform	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Chloromethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Cyclohexane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Dibromochloromethane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.21	0.15		ppbV	1	5/26/2021 6:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 11	0.22	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Freon 12	0.53	0.15		ppbV	1	5/26/2021 6:32:00 PM
Heptane	0.42	0.15		ppbV	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	5.0	1.5		ppbV	10	5/27/2021 1:48:00 AM
m p-Xylene	0.16	0.30	J	ppbV	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	2.4	3.0	J	ppbV	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	0.30	0.30		ppbV	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Methylene chloride	20	6.0		ppbV	40	5/27/2021 2:30:00 AM
o-Xylene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Styrene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	6.9	1.5		ppbV	10	5/27/2021 1:48:00 AM
Toluene	0.52	0.15		ppbV	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	26	6.0		ppbV	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Trichloroethene	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Vinyl chloride	0.15	0.15		ppbV	1	5/26/2021 6:32:00 PM
Surr: Bromofluorobenzene	77.0	46.7-129		%REC	1	5/26/2021 6:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1195
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-5			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
1,4-Dioxane	0.30	0.30		ppbV	1	5/26/2021 7:17:00 PM
2,2,4-trimethylpentane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Acetone	22	12		ppbV	40	5/27/2021 3:54:00 AM
Allyl chloride	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Benzene	0.19	0.15		ppbV	1	5/26/2021 7:17:00 PM
Benzyl chloride	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromodichloromethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromoform	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Bromomethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Carbon disulfide	0.70	0.15		ppbV	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chlorobenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloroethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloroform	0.16	0.15		ppbV	1	5/26/2021 7:17:00 PM
Chloromethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Cyclohexane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Dibromochloromethane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.14	0.15	J	ppbV	1	5/26/2021 7:17:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1195
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 11	0.22	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Freon 12	0.64	0.15		ppbV	1	5/26/2021 7:17:00 PM
Heptane	0.41	0.15		ppbV	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	3.1	1.5		ppbV	10	5/27/2021 3:12:00 AM
m p-Xylene	0.15	0.30	J	ppbV	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	3.1	3.0		ppbV	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	0.50	0.30		ppbV	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Methylene chloride	34	6.0		ppbV	40	5/27/2021 3:54:00 AM
o-Xylene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Styrene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	5.5	1.5		ppbV	10	5/27/2021 3:12:00 AM
Toluene	1.5	0.15		ppbV	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	64	6.0		ppbV	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Trichloroethene	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Vinyl chloride	0.15	0.15		ppbV	1	5/26/2021 7:17:00 PM
Surr: Bromofluorobenzene	80.0	46.7-129		%REC	1	5/26/2021 7:17:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Dup
Lab Order:	C2105056	**Tag Number:**	328,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-006A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-4			"Hg		5/25/2021
Lab Vacuum Out	-30			"Hg		5/25/2021
1UG□M3 W□0.2UG□M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.16	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3-butadiene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
1,4-Dioxane	□0.30	0.30		ppbV	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
4-ethyltoluene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Acetone	9.6	3.0		ppbV	10	5/27/2021 4:37:00 AM
Allyl chloride	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Benzene	0.14	0.15	J	ppbV	1	5/26/2021 8:01:00 PM
Benzyl chloride	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromodichloromethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromoform	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Bromomethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.23	0.15		ppbV	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.060	0.030		ppbV	1	5/26/2021 8:01:00 PM
Chlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloroethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloroform	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Chloromethane	0.49	0.15		ppbV	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Cyclohexane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Dibromochloromethane	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Ethyl acetate	□0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Dup
Lab Order:	C2105056	**Tag Number:**	328,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-006A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.24	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 11	0.21	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Freon 12	0.51	0.15		ppbV	1	5/26/2021 8:01:00 PM
Heptane	30	6.0		ppbV	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	1.4	0.15		ppbV	1	5/26/2021 8:01:00 PM
m p-Xylene	0.73	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	2.2	3.0	J	ppbV	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	0.36	0.30		ppbV	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Methylene chloride	3.4	1.5		ppbV	10	5/27/2021 4:37:00 AM
o-Xylene	0.29	0.15		ppbV	1	5/26/2021 8:01:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Styrene	0.18	0.15		ppbV	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	2.3	1.5		ppbV	10	5/27/2021 4:37:00 AM
Toluene	1.3	0.15		ppbV	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	26	6.0		ppbV	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Trichloroethene	0.040	0.030		ppbV	1	5/26/2021 8:01:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 8:01:00 PM
Vinyl chloride	0.040	0.040		ppbV	1	5/26/2021 8:01:00 PM
Surr: Bromofluorobenzene	81.0	47-124		%REC	1	5/26/2021 8:01:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	C2105056	**Tag Number:**	284
Project:	Green Island	**Collection Date:**	
Lab ID:	C2105056-007A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	□31			"Hg		5/25/2021
Lab Vacuum Out	□31			"Hg		5/25/2021
1UG□M3 W□0.2UG□M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3-butadiene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
1,4-Dioxane	□0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
4-ethyltoluene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Acetone	□0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Allyl chloride	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Benzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Benzyl chloride	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromodichloromethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromoform	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Bromomethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Carbon disulfide	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	□0.030	0.030		ppbV	1	5/26/2021 3:34:00 PM
Chlorobenzene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloroethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloroform	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Chloromethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	□0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Cyclohexane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Dibromochloromethane	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Ethyl acetate	□0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	C2105056	**Tag Number:**	284
Project:	Green Island	**Collection Date:**	
Lab ID:	C2105056-007A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 11	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 113	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 114	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Freon 12	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Heptane	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Hexane	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
m p-Xylene	0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	0.30	0.30		ppbV	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Methylene chloride	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
o-Xylene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Propylene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Styrene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Toluene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Trichloroethene	0.030	0.030		ppbV	1	5/26/2021 3:34:00 PM
Vinyl acetate	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Vinyl Bromide	0.15	0.15		ppbV	1	5/26/2021 3:34:00 PM
Vinyl chloride	0.040	0.040		ppbV	1	5/26/2021 3:34:00 PM
Surr: Bromofluorobenzene	79.0	47-124		%REC	1	5/26/2021 3:34:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	OA-01
Lab Order:	C2105056	**Tag Number:**	333,266
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 4:18:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Acetone	24	7.1		ug/m3	10	5/26/2021 10:13:00 PM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Benzene	0.42	0.48	J	ug/m3	1	5/26/2021 4:18:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 4:18:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 4:18:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 4:18:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 4:18:00 PM
Chloromethane	0.93	0.31		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 4:18:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Freon 11	1.3	0.84		ug/m3	1	5/26/2021 4:18:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	OA-01
Lab Order:	C2105056	**Tag Number:**	333,266
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.7	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Heptane	0.74	0.61		ug/m3	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Hexane	0.49	0.53	J	ug/m3	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	3.1	0.37		ug/m3	1	5/26/2021 4:18:00 PM
m p-Xylene	1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Methylene chloride	3.7	0.52		ug/m3	1	5/26/2021 4:18:00 PM
o-Xylene	0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Propylene	0.26	0.26		ug/m3	1	5/26/2021 4:18:00 PM
Styrene	0.64	0.64		ug/m3	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	0.44	0.44		ug/m3	1	5/26/2021 4:18:00 PM
Toluene	1.0	0.57		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Trichloroethene	0.54	0.16		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl acetate	0.53	0.53		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl Bromide	0.66	0.66		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl chloride	0.10	0.10		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-01
Lab Order:	C2105056	**Tag Number:**	1195,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-002A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 5:03:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Acetone	36	7.1		ug/m3	10	5/26/2021 10:56:00 PM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Benzene	0.48	0.48		ug/m3	1	5/26/2021 5:03:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 5:03:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.75	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:03:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 5:03:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 5:03:00 PM
Chloromethane	0.99	0.31		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 5:03:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.58	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Ethylbenzene	1.1	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Freon 11	1.5	0.84		ug/m3	1	5/26/2021 5:03:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-01
Lab Order:	C2105056	**Tag Number:**	1195,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-002A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Heptane	85	25		ug/m3	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Hexane	0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	6.1	3.7		ug/m3	10	5/26/2021 10:56:00 PM
m p-Xylene	3.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	6.5	8.8	J	ug/m3	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Methylene chloride	9.4	5.2		ug/m3	10	5/26/2021 10:56:00 PM
o-Xylene	1.4	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Propylene	0.26	0.26		ug/m3	1	5/26/2021 5:03:00 PM
Styrene	0.89	0.64		ug/m3	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	6.5	4.4		ug/m3	10	5/26/2021 10:56:00 PM
Toluene	5.2	0.57		ug/m3	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	98	24		ug/m3	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Trichloroethene	0.27	0.16		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl acetate	0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl Bromide	0.66	0.66		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl chloride	0.10	0.10		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-02
Lab Order:	C2105056	**Tag Number:**	231,344
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-003A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 5:47:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Acetone	17	7.1		ug/m3	10	5/27/2021 12:22:00 AM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 5:47:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 5:47:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.62	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:47:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 5:47:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 5:47:00 PM
Chloromethane	0.89	0.31		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 5:47:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Ethylbenzene	0.43	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 5:47:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-02
Lab Order:	C2105056	**Tag Number:**	231,344
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-003A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Heptane	0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Hexane	0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	3.6	0.37		ug/m3	1	5/26/2021 5:47:00 PM
m p-Xylene	1.2	1.3	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	6.2	8.8	J	ug/m3	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Methylene chloride	5.7	0.52		ug/m3	1	5/26/2021 5:47:00 PM
o-Xylene	0.56	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Propylene	0.26	0.26		ug/m3	1	5/26/2021 5:47:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	5.9	4.4		ug/m3	10	5/27/2021 12:22:00 AM
Toluene	3.5	0.57		ug/m3	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethene	110	24		ug/m3	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Trichloroethene	0.38	0.16		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl acetate	0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl Bromide	0.66	0.66		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl chloride	0.10	0.10		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 6:32:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Acetone	39	28		ug/m3	40	5/27/2021 2:30:00 AM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Benzene	0.35	0.48	J	ug/m3	1	5/26/2021 6:32:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 6:32:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 6:32:00 PM
Carbon disulfide	1.6	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	0.94	0.94		ug/m3	1	5/26/2021 6:32:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 6:32:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 6:32:00 PM
Chloromethane	0.31	0.31		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 6:32:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.76	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 6:32:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG□M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	□1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Hexane	□0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	12	3.7		ug/m3	10	5/27/2021 1:48:00 AM
m□p-Xylene	0.69	1.3	J	ug/m3	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	□1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	7.1	8.8	J	ug/m3	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	□1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	□0.54	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Methylene chloride	69	21		ug/m3	40	5/27/2021 2:30:00 AM
o-Xylene	□0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Propylene	□0.26	0.26		ug/m3	1	5/26/2021 6:32:00 PM
Styrene	□0.64	0.64		ug/m3	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	□1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	20	4.4		ug/m3	10	5/27/2021 1:48:00 AM
Toluene	2.0	0.57		ug/m3	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	□0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Trichloroethene	□0.81	0.81		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl acetate	□0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl Bromide	□0.66	0.66		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl chloride	□0.38	0.38		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1195
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 7:17:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Acetone	51	28		ug/m3	40	5/27/2021 3:54:00 AM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Benzene	0.61	0.48		ug/m3	1	5/26/2021 7:17:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 7:17:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 7:17:00 PM
Carbon disulfide	2.2	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	0.94	0.94		ug/m3	1	5/26/2021 7:17:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 7:17:00 PM
Chloroform	0.78	0.73		ug/m3	1	5/26/2021 7:17:00 PM
Chloromethane	0.31	0.31		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 7:17:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.50	0.54	J	ug/m3	1	5/26/2021 7:17:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 7:17:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1195
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG□M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	3.2	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	□1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Hexane	□0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	7.6	3.7		ug/m3	10	5/27/2021 3:12:00 AM
m□p-Xylene	0.65	1.3	J	ug/m3	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	□1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	9.1	8.8		ug/m3	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	□0.54	0.54		ug/m3	1	5/26/2021 7:17:00 PM
Methylene chloride	120	21		ug/m3	40	5/27/2021 3:54:00 AM
o-Xylene	□0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Propylene	□0.26	0.26		ug/m3	1	5/26/2021 7:17:00 PM
Styrene	□0.64	0.64		ug/m3	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	□1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	16	4.4		ug/m3	10	5/27/2021 3:12:00 AM
Toluene	5.7	0.57		ug/m3	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	250	24		ug/m3	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	□0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Trichloroethene	□0.81	0.81		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl acetate	□0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl Bromide	□0.66	0.66		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl chloride	□0.38	0.38		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Dup
Lab Order:	C2105056	**Tag Number:**	328,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-006A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 8:01:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Acetone	23	7.1		ug/m3	10	5/27/2021 4:37:00 AM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 8:01:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 8:01:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.72	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	5/26/2021 8:01:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 8:01:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 8:01:00 PM
Chloromethane	1.0	0.31		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 8:01:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Ethyl acetate	0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Ethylbenzene	1.0	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 8:01:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Dup
Lab Order:	C2105056	**Tag Number:**	328,187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-006A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Heptane	120	25		ug/m3	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Hexane	0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	3.4	0.37		ug/m3	1	5/26/2021 8:01:00 PM
m p-Xylene	3.2	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	6.5	8.8	J	ug/m3	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Methylene chloride	12	5.2		ug/m3	10	5/27/2021 4:37:00 AM
o-Xylene	1.3	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Propylene	0.26	0.26		ug/m3	1	5/26/2021 8:01:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	6.8	4.4		ug/m3	10	5/27/2021 4:37:00 AM
Toluene	5.0	0.57		ug/m3	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Trichloroethene	0.21	0.16		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl acetate	0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl Bromide	0.66	0.66		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl chloride	0.10	0.10		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:					
	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	C2105056	**Tag Number:**	284
Project:	Green Island	**Collection Date:**	
Lab ID:	C2105056-007A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,3-butadiene	0.33	0.33		ug/m3	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dioxane	1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	0.70	0.70		ug/m3	1	5/26/2021 3:34:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Acetone	0.71	0.71		ug/m3	1	5/26/2021 3:34:00 PM
Allyl chloride	0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Benzene	0.48	0.48		ug/m3	1	5/26/2021 3:34:00 PM
Benzyl chloride	0.86	0.86		ug/m3	1	5/26/2021 3:34:00 PM
Bromodichloromethane	1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Bromoform	1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Bromomethane	0.58	0.58		ug/m3	1	5/26/2021 3:34:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	0.19	0.19		ug/m3	1	5/26/2021 3:34:00 PM
Chlorobenzene	0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
Chloroethane	0.40	0.40		ug/m3	1	5/26/2021 3:34:00 PM
Chloroform	0.73	0.73		ug/m3	1	5/26/2021 3:34:00 PM
Chloromethane	0.31	0.31		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Cyclohexane	0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
Dibromochloromethane	1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Ethyl acetate	0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Ethylbenzene	0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Freon 11	0.84	0.84		ug/m3	1	5/26/2021 3:34:00 PM
Freon 113	1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
Freon 114	1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: *01-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	C2105056	**Tag Number:**	284
Project:	Green Island	**Collection Date:**	
Lab ID:	C2105056-007A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG M3 W 0.2UG M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Heptane	0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Hexane	0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	0.37	0.37		ug/m3	1	5/26/2021 3:34:00 PM
m p-Xylene	1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	0.88	0.88		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Methylene chloride	0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
o-Xylene	0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Propylene	0.26	0.26		ug/m3	1	5/26/2021 3:34:00 PM
Styrene	0.64	0.64		ug/m3	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	0.44	0.44		ug/m3	1	5/26/2021 3:34:00 PM
Toluene	0.57	0.57		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	0.59	0.59		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Trichloroethene	0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl acetate	0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl Bromide	0.66	0.66		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl chloride	0.10	0.10		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Date: *01-Jun-21*

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: **AMB1UG-052621** SampType: **MBLK** TestCode: **0.20 NYS** Units: **ppbV** Prep Date: RunNo: **17678**
Client ID: **ZZZZZ** Batch ID: **R17678** TestNo: **TO-15** Analysis Date: **5 26 2021** SeqNo: **201273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.15	0.15									
1,1,2,2-Tetrachloroethane	0.15	0.15									
1,1,2-Trichloroethane	0.15	0.15									
1,1-Dichloroethane	0.15	0.15									
1,1-Dichloroethene	0.040	0.040									
1,2,4-Trichlorobenzene	0.15	0.15									
1,2,4-Trimethylbenzene	0.15	0.15									
1,2-Dibromoethane	0.15	0.15									
1,2-Dichlorobenzene	0.15	0.15									
1,2-Dichloroethane	0.15	0.15									
1,2-Dichloropropane	0.15	0.15									
1,3,5-Trimethylbenzene	0.15	0.15									
1,3-butadiene	0.15	0.15									
1,3-Dichlorobenzene	0.15	0.15									
1,4-Dichlorobenzene	0.15	0.15									
1,4-Dioxane	0.30	0.30									
2,2,4-trimethylpentane	0.15	0.15									
4-ethyltoluene	0.15	0.15									
Acetone	0.30	0.30									
Allyl chloride	0.15	0.15									
Benzene	0.15	0.15									
Benzyl chloride	0.15	0.15									
Bromodichloromethane	0.15	0.15									
Bromoform	0.15	0.15									
Bromomethane	0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island **TestCode: 0.20_NYS**

Sample ID: **AMB1UG-052621** SampType: **MBLK** TestCode: **0.20□NYS** Units: **ppbV** Prep Date: RunNo: **17678**
Client ID: **ZZZZZ** Batch ID: **R17678** TestNo: **TO-15** Analysis Date: **5□26□2021** SeqNo: **201273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	□0.15	0.15									
Carbon tetrachloride	□0.030	0.030									
Chlorobenzene	□0.15	0.15									
Chloroethane	□0.15	0.15									
Chloroform	□0.15	0.15									
Chloromethane	□0.15	0.15									
cis-1,2-Dichloroethene	□0.040	0.040									
cis-1,3-Dichloropropene	□0.15	0.15									
Cyclohexane	□0.15	0.15									
Dibromochloromethane	□0.15	0.15									
Ethyl acetate	□0.15	0.15									
Ethylbenzene	□0.15	0.15									
Freon 11	□0.15	0.15									
Freon 113	□0.15	0.15									
Freon 114	□0.15	0.15									
Freon 12	□0.15	0.15									
Heptane	□0.15	0.15									
Hexachloro-1,3-butadiene	□0.15	0.15									
Hexane	□0.15	0.15									
Isopropyl alcohol	□0.15	0.15									
m□p-Xylene	□0.30	0.30									
Methyl Butyl Ketone	□0.30	0.30									
Methyl Ethyl Ketone	□0.30	0.30									
Methyl Isobutyl Ketone	□0.30	0.30									
Methyl tert-butyl ether	□0.15	0.15									
Methylene chloride	□0.15	0.15									
o-Xylene	□0.15	0.15									
Propylene	□0.15	0.15									
Styrene	□0.15	0.15									
Tetrachloroethylene	□0.15	0.15									
Tetrahydrofuran	□0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island **TestCode: 0.20_NYS**

Sample ID: **AMB1UG-052621**	SampType: **MBLK**	TestCode: **0.20_NYS**	Units: **ppbV**	Prep Date:	RunNo: **17678**
Client ID: **ZZZZZ**	Batch ID: **R17678**	TestNo: **TO-15**		Analysis Date: **5/26/2021**	SeqNo: **201273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	U 0.15	0.15									
trans-1,2-Dichloroethene	U 0.15	0.15									
trans-1,3-Dichloropropene	U 0.15	0.15									
Trichloroethene	U 0.030	0.030									
Vinyl acetate	U 0.15	0.15									
Vinyl Bromide	U 0.15	0.15									
Vinyl chloride	U 0.040	0.040									

Sample ID: **ALCS1UG-052621**	SampType: **LCS**	TestCode: **0.20_NYS**	Units: **ppbV**	Prep Date:	RunNo: **17678**
Client ID: **ZZZZZ**	Batch ID: **R17678**	TestNo: **TO-15**		Analysis Date: **5/26/2021**	SeqNo: **201274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.9800	0.15	1	0	98.0	91.3	127				
1,1,2,2-Tetrachloroethane	1.030	0.15	1	0	103	78.7	121				
1,1,2-Trichloroethane	1.070	0.15	1	0	107	88.1	136				
1,1-Dichloroethane	1.040	0.15	1	0	104	86.1	123				
1,1-Dichloroethene	0.9200	0.040	1	0	92.0	70	94				
1,2,4-Trichlorobenzene	1.270	0.15	1	0	127	76.7	112				S
1,2,4-Trimethylbenzene	0.9500	0.15	1	0	95.0	74.3	123				
1,2-Dibromoethane	1.000	0.15	1	0	100	80.4	125				
1,2-Dichlorobenzene	1.100	0.15	1	0	110	79.5	143				
1,2-Dichloroethane	1.010	0.15	1	0	101	70.9	133				
1,2-Dichloropropane	1.110	0.15	1	0	111	91	134				
1,3,5-Trimethylbenzene	1.020	0.15	1	0	102	77.4	138				
1,3-butadiene	0.8900	0.15	1	0	89.0	71	144				
1,3-Dichlorobenzene	0.9900	0.15	1	0	99.0	84.7	128				
1,4-Dichlorobenzene	0.9900	0.15	1	0	99.0	77.9	131				
1,4-Dioxane	0.7800	0.30	1	0	78.0	85.1	135				S
2,2,4-trimethylpentane	1.080	0.15	1	0	108	86.9	126				
4-ethyltoluene	0.9600	0.15	1	0	96.0	77.5	133				

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island **TestCode: 0.20_NYS**

Sample ID: **ALCS1UG-052621** SampType: **LCS** TestCode: **0.20 NYS** Units: **ppbV** Prep Date: RunNo: **17678**
Client ID: **ZZZZZ** Batch ID: **R17678** TestNo: **TO-15** Analysis Date: **5/26/2021** SeqNo: **201274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.7600	0.30	1	0	76.0	80.2	145				S
Allyl chloride	1.100	0.15	1	0	110	86.6	117				
Benzene	1.100	0.15	1	0	110	88.9	122				
Benzyl chloride	0.7500	0.15	1	0	75.0	73.6	120				
Bromodichloromethane	1.060	0.15	1	0	106	84.3	133				
Bromoform	0.8500	0.15	1	0	85.0	44.6	149				
Bromomethane	0.9200	0.15	1	0	92.0	78.7	144				
Carbon disulfide	1.150	0.15	1	0	115	76.9	109				S
Carbon tetrachloride	0.9200	0.030	1	0	92.0	71	120				
Chlorobenzene	1.000	0.15	1	0	100	82.6	121				
Chloroethane	0.9100	0.15	1	0	91.0	67.1	146				
Chloroform	1.010	0.15	1	0	101	82.5	125				
Chloromethane	0.8700	0.15	1	0	87.0	71.1	154				
cis-1,2-Dichloroethene	0.9900	0.040	1	0	99.0	71.2	112				
cis-1,3-Dichloropropene	0.9800	0.15	1	0	98.0	90.3	137				
Cyclohexane	1.080	0.15	1	0	108	87	122				
Dibromochloromethane	0.9700	0.15	1	0	97.0	62.8	132				
Ethyl acetate	1.180	0.15	1	0	118	86.9	134				
Ethylbenzene	1.040	0.15	1	0	104	76.9	123				
Freon 11	0.9000	0.15	1	0	90.0	54.4	150				
Freon 113	1.030	0.15	1	0	103	83.4	124				
Freon 114	0.9200	0.15	1	0	92.0	82.4	144				
Freon 12	1.020	0.15	1	0	102	86.3	135				
Heptane	1.150	0.15	1	0	115	86.5	137				
Hexachloro-1,3-butadiene	1.580	0.15	1	0	158	78.7	120				S
Hexane	1.040	0.15	1	0	104	77.3	128				
Isopropyl alcohol	1.210	0.15	1	0	121	80.2	122				
m p-Xylene	2.030	0.30	2	0	102	77.9	132				
Methyl Butyl Ketone	0.9300	0.30	1	0	93.0	69.4	131				
Methyl Ethyl Ketone	0.9600	0.30	1	0	96.0	71.5	117				
Methyl Isobutyl Ketone	1.030	0.30	1	0	103	63.5	141				

Qualifiers:
. Results reported are not blank corrected
DL Detection Limit
E Estimated Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limit
ND Not Detected at the Limit of Detection
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: **ALCS1UG-052621**	SampType: **LCS**	TestCode: **0.20 NYS**	Units: **ppbV**	Prep Date:	RunNo: **17678**
Client ID: **ZZZZZ**	Batch ID: **R17678**	TestNo: **TO-15**		Analysis Date: **5/26/2021**	SeqNo: **201274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.9500	0.15	1	0	95.0	80.8	113				
Methylene chloride	1.090	0.15	1	0	109	87.8	123				
o-Xylene	1.120	0.15	1	0	112	80.5	139				
Propylene	1.180	0.15	1	0	118	96.2	135				
Styrene	0.9500	0.15	1	0	95.0	82.7	138				
Tetrachloroethylene	1.050	0.15	1	0	105	85.9	122				
Tetrahydrofuran	1.100	0.15	1	0	110	65.5	134				
Toluene	1.040	0.15	1	0	104	77.8	127				
trans-1,2-Dichloroethene	1.020	0.15	1	0	102	83.3	116				
trans-1,3-Dichloropropene	0.9700	0.15	1	0	97.0	84.8	134				
Trichloroethene	1.000	0.030	1	0	100	79.3	117				
Vinyl acetate	0.9700	0.15	1	0	97.0	70.5	101				
Vinyl Bromide	0.9000	0.15	1	0	90.0	81.4	142				
Vinyl chloride	0.8400	0.040	1	0	84.0	70.4	138				

Sample ID: **ALCS1UGD-052621**	SampType: **LCSD**	TestCode: **0.20 NYS**	Units: **ppbV**	Prep Date:	RunNo: **17678**
Client ID: **ZZZZZ**	Batch ID: **R17678**	TestNo: **TO-15**		Analysis Date: **5/27/2021**	SeqNo: **201275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.030	0.15	1	0	103	91.3	127	0.98	4.98	0	
1,1,2,2-Tetrachloroethane	1.080	0.15	1	0	108	78.7	121	1.03	4.74	0	
1,1,2-Trichloroethane	1.160	0.15	1	0	116	88.1	136	1.07	8.07	0	
1,1-Dichloroethane	1.070	0.15	1	0	107	86.1	123	1.04	2.84	0	
1,1-Dichloroethene	0.8900	0.040	1	0	89.0	70	94	0.92	3.31	0	
1,2,4-Trichlorobenzene	1.070	0.15	1	0	107	76.7	112	1.27	17.1	0	
1,2,4-Trimethylbenzene	0.9000	0.15	1	0	90.0	74.3	123	0.95	5.41	0	
1,2-Dibromoethane	1.020	0.15	1	0	102	80.4	125	1	1.98	0	
1,2-Dichlorobenzene	1.040	0.15	1	0	104	79.5	143	1.1	5.61	0	
1,2-Dichloroethane	1.040	0.15	1	0	104	70.9	133	1.01	2.93	0	
1,2-Dichloropropane	1.180	0.15	1	0	118	91	134	1.11	6.11	0	

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: **ALCS1UGD-052621**	SampType: **LCSD**	TestCode: **0.20 NYS**	Units: **ppbV**	Prep Date:	RunNo: **17678**
Client ID: **ZZZZZ**	Batch ID: **R17678**	TestNo: **TO-15**		Analysis Date: **5/27/2021**	SeqNo: **201275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	0.9800	0.15	1	0	98.0	77.4	138	1.02	4.00	0	
1,3-butadiene	0.9300	0.15	1	0	93.0	71	144	0.89	4.40	0	
1,3-Dichlorobenzene	0.9900	0.15	1	0	99.0	84.7	128	0.99	0	0	
1,4-Dichlorobenzene	1.010	0.15	1	0	101	77.9	131	0.99	2.00	0	
1,4-Dioxane	0.8200	0.30	1	0	82.0	85.1	135	0.78	5.00	0	S
2,2,4-trimethylpentane	1.140	0.15	1	0	114	86.9	126	1.08	5.41	0	
4-ethyltoluene	0.9400	0.15	1	0	94.0	77.5	133	0.96	2.11	0	
Acetone	0.7300	0.30	1	0	73.0	80.2	145	0.76	4.03	0	S
Allyl chloride	1.080	0.15	1	0	108	86.6	117	1.1	1.83	0	
Benzene	1.140	0.15	1	0	114	88.9	122	1.1	3.57	0	
Benzyl chloride	0.7800	0.15	1	0	78.0	73.6	120	0.75	3.92	0	
Bromodichloromethane	1.120	0.15	1	0	112	84.3	133	1.06	5.50	0	
Bromoform	0.8200	0.15	1	0	82.0	44.6	149	0.85	3.59	0	
Bromomethane	0.9800	0.15	1	0	98.0	78.7	144	0.92	6.32	0	
Carbon disulfide	1.130	0.15	1	0	113	76.9	109	1.15	1.75	0	S
Carbon tetrachloride	0.9800	0.030	1	0	98.0	71	120	0.92	6.32	0	
Chlorobenzene	1.050	0.15	1	0	105	82.6	121	1	4.88	0	
Chloroethane	0.9500	0.15	1	0	95.0	67.1	146	0.91	4.30	0	
Chloroform	1.030	0.15	1	0	103	82.5	125	1.01	1.96	0	
Chloromethane	0.9100	0.15	1	0	91.0	71.1	154	0.87	4.49	0	
cis-1,2-Dichloroethene	0.9800	0.040	1	0	98.0	71.2	112	0.99	1.02	0	
cis-1,3-Dichloropropene	1.020	0.15	1	0	102	90.3	137	0.98	4.00	0	
Cyclohexane	1.130	0.15	1	0	113	87	122	1.08	4.52	0	
Dibromochloromethane	0.9600	0.15	1	0	96.0	62.8	132	0.97	1.04	0	
Ethyl acetate	1.180	0.15	1	0	118	86.9	134	1.18	0	0	
Ethylbenzene	1.050	0.15	1	0	105	76.9	123	1.04	0.957	0	
Freon 11	0.9400	0.15	1	0	94.0	54.4	150	0.9	4.35	0	
Freon 113	1.050	0.15	1	0	105	83.4	124	1.03	1.92	0	
Freon 114	0.9800	0.15	1	0	98.0	82.4	144	0.92	6.32	0	
Freon 12	1.050	0.15	1	0	105	86.3	135	1.02	2.90	0	
Heptane	1.200	0.15	1	0	120	86.5	137	1.15	4.26	0	

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Envirospec Engineering
Work Order: C2105056
Project: Green Island

TestCode: 0.20_NYS

Sample ID: **ALCS1UGD-052621** SampType: **LCSD** TestCode: **0.20 NYS** Units: **ppbV** Prep Date: RunNo: **17678**
Client ID: **ZZZZZ** Batch ID: **R17678** TestNo: **TO-15** Analysis Date: **5 27 2021** SeqNo: **201275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachloro-1,3-butadiene	1.560	0.15	1	0	156	78.7	120	1.58	1.27	0	S
Hexane	1.040	0.15	1	0	104	77.3	128	1.04	0	0	
Isopropyl alcohol	0.7700	0.15	1	0	77.0	80.2	122	1.21	44.4	0	S
m p-Xylene	2.020	0.30	2	0	101	77.9	132	2.03	0.494	0	
Methyl Butyl Ketone	0.9600	0.30	1	0	96.0	69.4	131	0.93	3.17	0	
Methyl Ethyl Ketone	1.030	0.30	1	0	103	71.5	117	0.96	7.04	0	
Methyl Isobutyl Ketone	1.020	0.30	1	0	102	63.5	141	1.03	0.976	0	
Methyl tert-butyl ether	0.9100	0.15	1	0	91.0	80.8	113	0.95	4.30	0	
Methylene chloride	1.080	0.15	1	0	108	87.8	123	1.09	0.922	0	
o-Xylene	1.030	0.15	1	0	103	80.5	139	1.12	8.37	0	
Propylene	1.070	0.15	1	0	107	96.2	135	1.18	9.78	0	
Styrene	0.9600	0.15	1	0	96.0	82.7	138	0.95	1.05	0	
Tetrachloroethylene	1.050	0.15	1	0	105	85.9	122	1.05	0	0	
Tetrahydrofuran	1.100	0.15	1	0	110	65.5	134	1.1	0	0	
Toluene	1.040	0.15	1	0	104	77.8	127	1.04	0	0	
trans-1,2-Dichloroethene	1.010	0.15	1	0	101	83.3	116	1.02	0.985	0	
trans-1,3-Dichloropropene	1.000	0.15	1	0	100	84.8	134	0.97	3.05	0	
Trichloroethene	1.050	0.030	1	0	105	79.3	117	1	4.88	0	
Vinyl acetate	0.9100	0.15	1	0	91.0	70.5	101	0.97	6.38	0	
Vinyl Bromide	0.9300	0.15	1	0	93.0	81.4	142	0.9	3.28	0	
Vinyl chloride	0.9000	0.040	1	0	90.0	70.4	138	0.84	6.90	0	

Qualifiers:

.	Results reported are not blank corrected	DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	ND	Not Detected at the Limit of Detection
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
GREEN ISLAND RI, GREEN ISLAND, NEW YORK

Client: Envirospec Engineering, LLC, Albany, New York
SDG: C2105056
Laboratory: Centek Laboratories, LLC, Syracuse, New York
Site: Green Island RI, Green Island, New York
Date: July 19, 2021

EDS ID	Client ID	Laboratory ID	Matrix
1	OA-1	C2105056-001A	Air
2	IA-01	C2105056-002A	Air
3	IA-02	C2105056-003A	Air
4	SS-01	C2105056-004A	Air
5	SS-02	C2105056-005A	Air
6	DUP	C2105056-006A	Air
7	TRIP BLANK	C2105056-007A	Air

A Data Usability Summary Review was performed on the analytical data for six air samples and one air trip blank collected on May 21, 2021 by Envirospec Engineering at the Green Island Remedial Investigation site in Green Island, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis	*Method References*
VOCs	USEPA Method TO-15

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method and the USEPA Region II Data Validation Standard Operating Procedures (SOP) as follows:

- The USEPA Region II SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15;
- and the reviewer's professional judgment.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision
- Tentatively Identified Compounds (TICs)

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the data quality indicator criteria as detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased. For a severely low %R (<10%), non-detect results are rejected (R) and are unusable for project objectives.

LCS ID	Compound	%R	Qualifier	Affected Samples
ALCSIUG-052621	1,2,4-Trichlorobenzene	127%	None	All Samples ND
	1,4-Dioxane	78%	UJ	All Samples
	Acetone	75%	J/UJ	
	Carbon Disulfide	115%	J	1-6
	Hexachloro-1,3-butadiene	158%	None	All Samples ND

Surrogate Compound Recoveries

- All samples exhibited acceptable surrogate recoveries.

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Trip Blank

- Field QC sample results are summarized in the table below.

Blank ID	Compound	Conc. ug/m3	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-

Initial Calibration

- All %RSD and mean RRF criteria were met.

Continuing Calibration

- The following table presents compounds that exceeded percent deviation (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/26/21	1,2,4-Trichlorobenzene	39.6%	UJ	All Samples
	Hexachloro-1,3-butadiene	95.7%	UJ	

Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was unacceptable for isopropyl alcohol. These results were qualified as estimated (J).

Compound	IA-01 ug/m³	DUP ug/m³	RPD	Qualifier
1,2,4-Trimethylbenzene	0.93	0.79	16%	None
Acetone	36	23	44%	
Benzene	0.48	0.45	6%	
Carbon Disulfide	0.75	0.72	4%	

Compound	IA-01 ug/m³	DUP ug/m³	RPD	Qualifier
Carbon Tetrachloride	0.50	0.38	27%	None
Chloromethane	0.99	1.0	1%	
cis-1,2-Dichloroethene	0.32	0.16U	NC	
Ethyl Acetate	0.58	0.54U	NC	
Ethylbenzene	1.1	1.0	10%	
Freon 11	1.5	1.2	22%	
Freon 12	2.6	2.5	4%	
Heptane	85	120	34%	
Isopropyl Alcohol	6.1	3.4	57%	J
m&p-Xylene	3.3	3.2	3%	None
Methyl Ethyl Ketone	6.5	6.5	0%	
Methyl Isobutyl Ketone	1.3	1.5	14%	
Methylene Chloride	9.4	12	24%	
o-Xylene	1.4	1.3	7%	
Styrene	0.89	0.77	14%	
Tetrahydrofuran	6.5	6.8	5%	
Toluene	5.2	5.0	4%	
trans-1,2-Dichloroethene	98	100	2%	
Trichloroethene	0.27	0.21	25%	

Tentatively Identified Compounds (TICs)

- TICs were not reported.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 7/19/21

Nancy Weaver
Senior Chemist

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

1

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Environspec Engineering	**Client Sample ID:**	OA-01
Lab Order:	C2105056	**Tag Number:**	333,266
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-001A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 4:18:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 4:18:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 4:18:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 4:18:00 PM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 4:18:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 4:18:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Acetone	24 J	7.1		ug/m3	10	5/26/2021 10:13:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Benzene	0.42	0.48	J	ug/m3	1	5/26/2021 4:18:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 4:18:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 4:18:00 PM
Carbon disulfide	0.47 J	0.47		ug/m3	1	5/26/2021 4:18:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 4:18:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 4:18:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 4:18:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 4:18:00 PM
Chloromethane	0.95	0.31		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 4:18:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 4:18:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Freon 11	1.3	0.84		ug/m3	1	5/26/2021 4:18:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 4:18:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:

SC	Sub-Contracted	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte, Quantitation estimated	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

MW 7/18/21

Centek Laboratories, LLC

Date: 10-Jan-21

CLIENT:	Envirospec Engineering	Client Sample ID:	OA-01
Lab Order:	C2105056	Tag Number:	333,266
Project:	Green Island	Collection Date:	5/21/2021
Lab ID:	C2105056-001A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	2.7	0.74		ug/m3	1	5/26/2021 4:18:00 PM
Heptane	0.74	0.61		ug/m3	1	5/26/2021 4:18:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 4:18:00 PM
Hexane	0.49	0.53	J	ug/m3	1	5/26/2021 4:18:00 PM
Isopropyl alcohol	3.1	0.37		ug/m3	1	5/26/2021 4:18:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	5/26/2021 4:18:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 4:18:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 4:18:00 PM
Methylene chloride	3.7	0.52		ug/m3	1	5/26/2021 4:18:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 4:18:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 4:18:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 4:18:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 4:18:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 4:18:00 PM
Toluene	1.0	0.57		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 4:18:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 4:18:00 PM
Trichloroethene	0.54	0.16		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 4:18:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 4:18:00 PM

Qualifiers:			
SC	Sub-Contracted	*	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

NW 7/18/21

2

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	Client Sample ID:	1A-01
Lab Order:	C2105056	Tag Number:	1195.187
Project:	Green Island	Collection Date:	5/21/2021
Lab ID:	C2105056-002A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ	ug/m3	1	5/26/2021 5:03:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:03:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:03:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:03:00 PM
1,4-Dioxane	< 1.1	1.1	UJ	ug/m3	1	5/26/2021 5:03:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:03:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Acetone	36	7.1	J	ug/m3	10	5/26/2021 10:56:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:03:00 PM
Benzene	0.48	0.48		ug/m3	1	5/26/2021 5:03:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:03:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:03:00 PM
Carbon disulfide	0.75	0.47	J	ug/m3	1	5/26/2021 5:03:00 PM
Carbon tetrachloride	0.50	0.19		ug/m3	1	5/26/2021 5:03:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:03:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:03:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:03:00 PM
Chloromethane	0.99	0.31		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:03:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:03:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Ethyl acetate	0.56	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Ethylbenzene	1.1	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Freon 11	1.5	0.84		ug/m3	1	5/26/2021 5:03:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:03:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:					
	SC	Sub-Contracted	*	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	C	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

MW 7/18/21

2

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	Client Sample ID:	IA-01
Lab Order:	C2105056	Tag Number:	1195,187
Project:	Green Island	Collection Date:	5/21/2021
Lab ID:	C2105056-002A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:03:00 PM
Heptane	85	25		ug/m3	40	5/26/2021 11:39:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 5:03:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Isopropyl alcohol	6.1 J	3.7		ug/m3	10	5/26/2021 10:56:00 PM
m&p-Xylene	3.3	1.3		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl Ethyl Ketone	6.5	3.8	J	ug/m3	10	5/26/2021 10:56:00 PM
Methyl Isobutyl Ketone	1.3	1.2		ug/m3	1	5/26/2021 5:03:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:03:00 PM
Methylene chloride	9.4	5.2		ug/m3	10	5/26/2021 10:56:00 PM
o-Xylene	1.4	0.65		ug/m3	1	5/26/2021 5:03:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:03:00 PM
Styrene	0.89	0.64		ug/m3	1	5/26/2021 5:03:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:03:00 PM
Tetrahydrofuran	6.5	4.4		ug/m3	10	5/26/2021 10:56:00 PM
Toluene	5.2	0.57		ug/m3	1	5/26/2021 5:03:00 PM
trans-1,2-Dichloroethene	98	24		ug/m3	40	5/26/2021 11:39:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:03:00 PM
Trichloroethene	0.27	0.16		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:03:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:03:00 PM

Qualifiers:

SC	Sub-Contracted	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

NW 7/18/21

3

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	Client Sample ID:	IA-02
Lab Order:	C2105056	Tag Number:	231,344
Project:	Green Island	Collection Date:	5/21/2021
Lab ID:	C2105056-003A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 5:47:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 5:47:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 5:47:00 PM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 5:47:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 5:47:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Acetone	17 J	7.1		ug/m3	10	5/27/2021 12:22:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 5:47:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 5:47:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 5:47:00 PM
Carbon disulfide	0.62 J	0.47		ug/m3	1	5/26/2021 5:47:00 PM
Carbon tetrachloride	0.60	0.19		ug/m3	1	5/26/2021 5:47:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 5:47:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 5:47:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 5:47:00 PM
Chloromethane	0.89	0.31		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,2-Dichloroethene	0.32	0.16		ug/m3	1	5/26/2021 5:47:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 5:47:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 5:47:00 PM
Ethyl acetate	0.65	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Ethylbenzene	0.43	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 5:47:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 5:47:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:

SC	Sub-Contracted		Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

mw 7/18/21

3

Centek Laboratories, LLC

Date: *10-Jun-21*

CLIENT:	Envirospec Engineering	**Client Sample ID:**	IA-02
Lab Order:	C2105056	**Tag Number:**	231,344
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-003A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 5:47:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 5:47:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 5:47:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Isopropyl alcohol	3.6	0.37		ug/m3	1	5/26/2021 5:47:00 PM
m&p-Xylene	1.2	1.3	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 5:47:00 PM
Methyl Ethyl Ketone	6.2	8.9	J	ug/m3	10	5/27/2021 12:22:00 AM
Methyl Isobutyl Ketone	1.1	1.2	J	ug/m3	1	5/26/2021 5:47:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 5:47:00 PM
Methylene chloride	5.7	0.52		ug/m3	1	5/26/2021 5:47:00 PM
o-Xylene	0.56	0.65	J	ug/m3	1	5/26/2021 5:47:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 5:47:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 5:47:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 5:47:00 PM
Tetrahydrofuran	5.9	4.4		ug/m3	10	5/27/2021 12:22:00 AM
Toluene	3.5	0.57		ug/m3	1	5/26/2021 5:47:00 PM
trans-1,2-Dichloroethene	110	24		ug/m3	40	5/27/2021 1:04:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 5:47:00 PM
Trichloroethene	0.38	0.16		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 5:47:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 5:47:00 PM

Qualifiers:	SC	Sub-Contracted		Results reported are not blank corrected	
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit	
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection	
	S	Spike Recovery outside accepted recovery limits	DL	Detection Limit	

MJ 7/18/21

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Enviraspec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 6:32:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 6:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 6:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 6:32:00 PM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 6:32:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 6:32:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Acetone	39 J	28		ug/m3	40	5/27/2021 2:30:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Benzene	0.35	0.48	J	ug/m3	1	5/26/2021 6:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 6:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 6:32:00 PM
Carbon disulfide	1.6 J	0.47		ug/m3	1	5/26/2021 6:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 6:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 6:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 6:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 6:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 6:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 6:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 6:32:00 PM
Ethyl acetate	0.76	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 6:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 6:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:	SC	Sub-Contracted	. Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL Detection Limit

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-01
Lab Order:	C2105056	**Tag Number:**	347,1170
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-004A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.6	0.74		ug/m3	1	5/26/2021 6:32:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 6:32:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 6:32:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Isopropyl alcohol	12	3.7		ug/m3	10	5/27/2021 1:48:00 AM
m&p-Xylene	0.69	1.3	J	ug/m3	1	5/26/2021 6:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl Ethyl Ketone	7.1	8.9	J	ug/m3	10	5/27/2021 1:48:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 6:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 6:32:00 PM
Methylene chloride	69	21		ug/m3	40	5/27/2021 2:30:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 6:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 6:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 6:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 6:32:00 PM
Tetrahydrofuran	20	4.4		ug/m3	10	5/27/2021 1:48:00 AM
Toluene	2.0	0.57		ug/m3	1	5/26/2021 6:32:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 2:30:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 6:32:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 6:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 6:32:00 PM

Qualifiers:

SC	Sub-Contracted
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
JN	Non-routine analyte. Quantitation estimated
S	Spike Recovery outside accepted recovery limits
.	Results reported are not blank corrected
E	Estimated Value above quantitation range
J	Analyte detected below quantitation limit
ND	Not Detected at the Limit of Detection
DL	Detection Limit

NW 7/18/21

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1195
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 7:17:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 7:17:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 7:17:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 7:17:00 PM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 7:17:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 7:17:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Acetone	51 J	28		ug/m3	40	5/27/2021 3:54:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Benzene	0.61	0.48		ug/m3	1	5/26/2021 7:17:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 7:17:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 7:17:00 PM
Carbon disulfide	2.2 J	0.47		ug/m3	1	5/26/2021 7:17:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	5/26/2021 7:17:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 7:17:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 7:17:00 PM
Chloroform	0.78	0.73		ug/m3	1	5/26/2021 7:17:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 7:17:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 7:17:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 7:17:00 PM
Ethyl acetate	0.50	0.54	J	ug/m3	1	5/26/2021 7:17:00 PM
Ethylbenzene	< 0.66	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 7:17:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 7:17:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:	SC	Sub-Contracted	. Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL Detection Limit

MW 7/8/21

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	**Client Sample ID:**	SS-02
Lab Order:	C2105056	**Tag Number:**	222,1395
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-005A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: RJP
Freon 12	3.2	0.74		ug/m3	1	5/26/2021 7:17:00 PM
Heptane	1.7	0.61		ug/m3	1	5/26/2021 7:17:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 7:17:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Isopropyl alcohol	7.8	3.7		ug/m3	10	5/27/2021 3:12:00 AM
m&p-Xylene	0.65	1.3	J	ug/m3	1	5/26/2021 7:17:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl Ethyl Ketone	9.1	8.8		ug/m3	10	5/27/2021 3:12:00 AM
Methyl Isobutyl Ketone	2.0	1.2		ug/m3	1	5/26/2021 7:17:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 7:17:00 PM
Methylene chloride	120	21		ug/m3	40	5/27/2021 3:54:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 7:17:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 7:17:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 7:17:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 7:17:00 PM
Tetrahydrofuran	16	4.4		ug/m3	10	5/27/2021 3:12:00 AM
Toluene	5.7	0.57		ug/m3	1	5/26/2021 7:17:00 PM
trans-1,2-Dichloroethene	250	24		ug/m3	40	5/27/2021 3:54:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 7:17:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 7:17:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	5/26/2021 7:17:00 PM

Qualifiers:

- SC: Sub-Contracted
- B: Analyte detected in the associated Method Blank
- H: Holding times for preparation or analysis exceeded
- JN: Non-routine analyte. Quantitation estimated.
- S: Spike Recovery outside accepted recovery limits
- Results reported are not blank corrected
- E: Estimated Value above quantitation range
- J: Analyte detected below quantitation limit
- ND: Not Detected at the Limit of Detection
- DL: Detection Limit

MW 7/18/21

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Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	Client Sample ID:	Dup
Lab Order:	C2105056	Tag Number:	328,187
Project:	Green Island	Collection Date:	5/21/2021
Lab ID:	C2105056-006A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trichlorobenzene	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 8:01:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 8:01:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 8:01:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 8:01:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 8:01:00 PM
1,4-Dioxane	< 1.1 UJ	1.1		ug/m3	1	5/26/2021 8:01:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 8:01:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Acetone	23 J	7.1		ug/m3	10	5/27/2021 4:37:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Benzene	0.45	0.48	J	ug/m3	1	5/26/2021 8:01:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 8:01:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 8:01:00 PM
Carbon disulfide	0.72 J	0.47		ug/m3	1	5/26/2021 8:01:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	5/26/2021 8:01:00 PM
Chlorobenzene	< 0.59	0.69		ug/m3	1	5/26/2021 8:01:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 8:01:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 8:01:00 PM
Chloromethane	1.0	0.31		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 8:01:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 8:01:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 8:01:00 PM
Ethylbenzene	1.0	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Freon 11	1.2	0.84		ug/m3	1	5/26/2021 8:01:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 8:01:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:					
	SC	Sub-Contracted	.	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte, Quantitation estimated	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

NW 7/18/21

6

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Dup
Lab Order:	C2105056	**Tag Number:**	328187
Project:	Green Island	**Collection Date:**	5/21/2021
Lab ID:	C2105056-006A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.74		ug/m3	1	5/26/2021 8:01:00 PM
Heptane	120	25		ug/m3	40	5/27/2021 5:19:00 AM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 8:01:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Isopropyl alcohol	3.4 J	0.37		ug/m3	1	5/26/2021 8:01:00 PM
m&p-Xylene	3.2	1.3		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl Ethyl Ketone	65	6.8	J	ug/m3	10	5/27/2021 4:37:00 AM
Methyl Isobutyl Ketone	1.5	1.2		ug/m3	1	5/26/2021 8:01:00 PM
Methyl tert-butyl ether	< 0.64	0.64		ug/m3	1	5/26/2021 8:01:00 PM
Methylene chloride	12	5.2		ug/m3	10	5/27/2021 4:37:00 AM
o-Xylene	1.3	0.65		ug/m3	1	5/26/2021 8:01:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 8:01:00 PM
Styrene	0.77	0.64		ug/m3	1	5/26/2021 8:01:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 8:01:00 PM
Tetrahydrofuran	6.8	4.4		ug/m3	10	5/27/2021 4:37:00 AM
Toluene	5.0	0.57		ug/m3	1	5/26/2021 8:01:00 PM
trans-1,2-Dichloroethene	100	24		ug/m3	40	5/27/2021 5:19:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 8:01:00 PM
Trichloroethene	0.21	0.16		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 8:01:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 8:01:00 PM

Qualifiers:

SC	Sub-Contracted	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

NW 7/18/21

7

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	Client Sample ID:	Trip Blank
Lab Order:	C2105056	Tag Number:	284
Project:	Green Island	Collection Date:	
Lab ID:	C2105056-007A	Matrix:	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1	UJ	ug/m3	1	5/26/2021 3:34:00 PM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	5/26/2021 3:34:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	5/26/2021 3:34:00 PM
1,4-Dioxane	< 1.1	1.1	UJ	ug/m3	1	5/26/2021 3:34:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	5/26/2021 3:34:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Acetone	< 0.71	0.71	UJ	ug/m3	1	5/26/2021 3:34:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Benzene	< 0.48	0.48		ug/m3	1	5/26/2021 3:34:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	5/26/2021 3:34:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	5/26/2021 3:34:00 PM
Carbon disulfide	< 0.47	0.47		ug/m3	1	5/26/2021 3:34:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	5/26/2021 3:34:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	5/26/2021 3:34:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	5/26/2021 3:34:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	5/26/2021 3:34:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Cyclohexane	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Ethyl acetate	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Ethylbenzene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Freon 11	< 0.84	0.84		ug/m3	1	5/26/2021 3:34:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	5/26/2021 3:34:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:	SC Sub-Contracted	.	Results reported are not blank corrected
	B Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN Non-routine analyte. Quantitation estimated	ND	Not Detected at the Limit of Detection
	S Spike Recovery outside accepted recovery limits	DL	Detection Limit

NW 7/8/21

7

Centek Laboratories, LLC

Date: 10-Jun-21

CLIENT:	Envirospec Engineering	**Client Sample ID:**	Trip Blank
Lab Order:	C2105056	**Tag Number:**	284
Project:	Green Island	**Collection Date:**	
Lab ID:	C2105056-007A	**Matrix:**	AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		**TO-15**				Analyst: RJP
Freon 12	< 0.74	0.74		ug/m3	1	5/26/2021 3:34:00 PM
Heptane	< 0.61	0.61		ug/m3	1	5/26/2021 3:34:00 PM
Hexachloro-1,3-butadiene	< 1.6 UJ	1.6		ug/m3	1	5/26/2021 3:34:00 PM
Hexane	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	5/26/2021 3:34:00 PM
m&p-Xylene	< 1.3	1.3		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	5/26/2021 3:34:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	5/26/2021 3:34:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	5/26/2021 3:34:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	5/26/2021 3:34:00 PM
o-Xylene	< 0.65	0.65		ug/m3	1	5/26/2021 3:34:00 PM
Propylene	< 0.26	0.26		ug/m3	1	5/26/2021 3:34:00 PM
Styrene	< 0.64	0.64		ug/m3	1	5/26/2021 3:34:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	5/26/2021 3:34:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	5/26/2021 3:34:00 PM
Toluene	< 0.57	0.57		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	5/26/2021 3:34:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	5/26/2021 3:34:00 PM
Trichloroethene	< 0.16	0.16		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	5/26/2021 3:34:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	5/26/2021 3:34:00 PM

Qualifiers:					
	SC	Sub-Contracted	*	Results reported are not blank corrected
	B	Analyte detected in the associated Method Blank	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	DL	Detection Limit

MW 7/18/21

APPENDIX L

Environmental Easement

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 5th day of December, 2019, between Owner(s) South Island Apartments, LLC, having an office at 49 Railroad Avenue, Albany, New York 12205, County of Albany, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 5 Starbuck Island Drive in the Village of Green Island, County of Albany and State of New York, known and designated on the tax map of the County Clerk of Albany as tax map parcel numbers: Section 33.09 Block 1 Lot 5, being the same as that property conveyed to Grantor by deed dated March 6, 2019 and recorded in the Albany County Clerk's Office in Instrument No. R2019-4897, and by correction deed dated July 24, 2019 and recorded in the Albany County Clerk's Office in Instrument No. R2019-15040.

WHEREAS, Grantor, is the owner of real property located at the address of 10 Starbuck Island Drive in the Village of Green Island, County of Albany and State of New York, known and designated on the tax map of the County Clerk of Albany as tax map parcel numbers: Section 33.09 Block 1 Lot 6, being the same as that property conveyed to Grantor by deed dated March 6, 2019 and recorded in the Albany County Clerk's Office in Instrument No. R2019-4898, and by correction deed dated July 24, 2019 and recorded in the Albany County Clerk's Office in

Instrument No. R2019-15041.

WHEREAS, Grantor, is the owner of real property located at the address of 15-35 Starbuck Island Drive in the Village of Green Island, County of Albany and State of New York, known and designated on the tax map of the County Clerk of Albany as tax map parcel numbers: Section 33.09 Block 1 Lot 3, being a portion of the property conveyed to Grantor by deed dated March 6, 2019 and recorded in the Albany County Clerk's Office in Instrument No. R2019-4899, and by correction deed dated July 24, 2019 and recorded in the Albany County Clerk's Office in Instrument No. R2019-15042.

WHEREAS, the property subject to this Environmental Easement (the "Controlled Property") comprises approximately 11.495 +/- acres, and is hereinafter more fully described in the Land Title Survey dated November 22, 2019 prepared by Nathan M. Burrows, L.L.S. of NMB Land Surveying PLLC, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C401074-01-17, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Albany County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233

Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:	Site Number: C401074 Office of General Counsel NYSDEC 625 Broadway Albany New York 12233-5500
With a copy to:	Site Control Section Division of Environmental Remediation NYSDEC 625 Broadway Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

South Island ~~Apartments~~, LLC:

By: _____

Print Name: PETER LUIZZI

Title: MEMBER Date: 11-26-19

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the 26th day of November in the year 2019, before me, the undersigned, personally appeared Peter Luizzi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by ~~his/her~~/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

ADAM J. SCHULTZ
Notary Public, State of New York
No. 02SC6350550
Qualified in Albany County
Commission Expires Nov. 14, 2020

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 5th day of December, in the year 2019, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2022

SCHEDULE "A" PROPERTY DESCRIPTION

All that piece or parcel of land situate in the Village of Green Island, Town of Green Island, County of Albany, State of New York being more particularly bounded and described as follows.

Beginning at a granite monument in the southerly highway boundary of the Troy-Green Island Bridge Road; thence running northerly from said point of beginning along said highway boundary line between lands now or formerly of The People of New York State on the north and west and the herein described parcel on the south and east the following four courses and distances:

1. N25°-33'-17"E (21.95) feet to a point;
2. S58°-53'-05"E (80.44) feet to a point;
3. S58°-48'-55"E (73.01) feet to a point;
4. S58°-49'-59"E (297.18) feet to a point; said point being the northeast corner of the herein described parcel;

thence running southerly along the west bulkhead of the main channel of the Hudson River the following two courses and distances:

1. S40°-00'-02"W (344.10) feet to a point;
2. S46°-39'-13"W (1,324.58) feet to a point;

thence running northerly along the easterly bulkhead of the west branch of the Hudson River N24°-31'-12"E (1,576.56) feet to a point; said point being the northwest corner of the herein described parcel; then running easterly along the southerly highway boundary line of the Troy-Green Island Bridge Road S57°-04'-54"E (80.42) feet to a point and S86°-10'-40"E (67.72) feet to the point and place of beginning.

Containing 11.495± acres of land

ALBANY COUNTY – STATE OF NEW YORK

BRUCE A. HIDLEY COUNTY CLERK
16 EAGLE STREET, ALBANY, NEW YORK 12207

COUNTY CLERK'S RECORDING PAGE

THIS PAGE IS PART OF THE DOCUMENT – DO NOT DETACH

INSTRUMENT #: R2019-26440

Receipt#: 20190357371
Clerk: KT
Rec Date: 12/10/2019 09:39:18 AM
Doc Grp: D
Descrip: DEED, EASEMENT
Num Pgs: 10
Rec'd Frm: NYS DEC

Party1: SOUTH ISLAND APARTMENTS LLC
Party2: PEOPLE OF STATE OF NEW YORK
Muni: GREEN ISLAND TOWN

Recording:

Cover Page	5.00
Recording Fee	65.00
Cultural Ed	14.25
Records Management - Coun	1.00
Records Management - Stat	4.75
TP584	5.00
Sub Total:	95.00
Transfer Tax	
Transfer Tax - State	0.00
Sub Total:	0.00
Total:	95.00

**** NOTICE: THIS IS NOT A BILL ****

***** Transfer Tax *****
Transfer Tax #: 3054
Transfer Tax

Total: 0.00

Record and Return To:

BOX 89

THIS PAGE CONSTITUTES THE CLERK'S ENDORSEMENT, REQUIRED BY SECTION 316-a (5) & 319 OF THE REAL PROPERTY LAW OF THE STATE OF NEW YORK.

Bruce A. Hidley
Albany County Clerk