

2021 PERIODIC REVIEW REPORT

Capital Center Broadway and Spencer Street City of Albany, New York

NYSDEC BCP Site Number: C401070

CHA Project Number: 031647.000

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LIST OF ACRONYMS & ABBREVIATIONS

Alpha	Alpha Analytical Inc.
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below the Ground Surface
CAMP	Community Air Monitoring Program
CHA	CHA Consulting, Inc.
CoC	Certificate of Completion
EC	Engineering Controls
ESA	Environmental Site Assessment
FC	FC 705 Broadway LLC
FER	Final Engineering Report
IC	Institutional Controls
ISCO	In-Situ Chemical Oxidation
MNA	Monitored Natural Attenuation
MTBE	Methyl Tert Butyl Ether
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation-Reduction Potential
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PID	Photoionization Detector
Pioneer	Pioneer Companies
PRR	Periodic Review Report
RAO	Remedial Action Objectives
RI	Remedial Investigation
RWP	Remedial Work Plan
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semivolatile Organic Compound
SWPPP	Stormwater Pollution Prevention Plan
TCL	Target Compound List
TMP	Tax Map Parcel
TOGS	Technical & Operational Guidance Series
µg/l	Micrograms Per Liter
µg/m ³	Micrograms Per Cubic Meter
UST	Underground Storage Tank
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

The Capital Center Property (Site) is located in the City of Albany, Albany County, New York and is identified as Tax Map Parcel (TMP) Nos. 76.27-1-18.1 and 76.27-1-18.2 on the City of Albany Tax Map. The Site was recently subdivided into the two referenced parcels, comprising a total area of approximately 1.67-acres. The Site is bounded by Spencer Street to the north, restaurants and commercial businesses to the south, Montgomery Street to the east, and Broadway to the west. The Site has a long history of former industrial use based upon review of available Sanborn Fire Insurance Mapping and other historical documents; including meat-packing and processing industry, a box factory, coal storage operations, produce storage, railroad rights of way, roofing supply facility, a tin shop, whole meat suppliers, an insecticide factory, gasoline filling, and auto repair activities.

The following types of contaminants were identified on the Site during the remedial investigations and the remedial action: volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); metals; trace concentrations of polychlorinated biphenyls (PCBs); and pesticides. The remedial action for the Site was completed in 2017 in accordance with the Remedial Work Plan (RWP) approved by the New York State Department of Environmental Conservation (NYSDEC) on August 26, 2016. This Periodic Review Report (PRR) is required as an element of the NYSDEC-approved Site Management Plan (SMP) developed for the Site and documents the groundwater monitoring events conducted in 2021 as well as the Site-wide inspection completed in April 2022.

The Remedial Action Objectives (RAOs) established for the Site were achieved through implementation/completion of the following general remedial components: removal of grossly-contaminated soils and other contaminated media encountered during construction activities; placement of an asphalt cover system across a portion of the Site cleaned up to Track 4 (restricted residential use) in accordance with the NYSDEC's Brownfield Cleanup Program (BCP); and installation of a post-remediation groundwater monitoring well network to facilitate periodic groundwater sampling. In addition, the Site remedy required 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, commercial, and industrial uses only.

The Site was observed to be in overall good condition at the time of the most recent Site-wide

inspection, conducted on April 8, 2022, at which time inspections were completed for the cover system and the Site fencing. During the 2021 reporting period, Stormwater Pollution Prevention Plan (SWPPP) inspections were conducted by Terracon on a monthly basis.

No additional development of the Track 4 area has occurred since the completion of on-Site remedial activities. It is recommended that the current institutional and engineering controls in place at the Site remain in place, and the engineering controls continue to be inspected. Construction activities on the Track 1 portion of the Site, including the new site building, were suspended indefinitely during the spring of 2020 and had not resumed by the time of Site inspection on April 8, 2022.

Based on groundwater analytical results in 2021 showing a continued downward trend in the concentration of methyl tert butyl ether (MTBE) at MW-1 (the last remaining monitoring well at the Site) to within 5 µg / of the NYSDEC groundwater standard (and approaching asymptotic conditions), and the lack of other volatile or semivolatile organic compounds above groundwater standards, the NYSDEC-approved the termination of the groundwater monitoring program in January 2022. Monitoring well MW-1 was abandoned by removal and sealing of the borehole with cement-bentonite grout in March 2022.

CHA recommends that the current institutional and engineering controls in place at the Site remain in place, and the engineering controls continue to be inspected. No additional changes to the remedy, and/or monitoring or operation & maintenance plans are recommended at this time. However, the SMP will be revised in 2022 to indicate the termination of the groundwater monitoring program per NYSDEC's approval and to change the cleanup level for the Site from a "Conditional Track 1 Area" to a simple "Track 1 Area."

1.0 SITE OVERVIEW

First Columbia, LLC (First Columbia) entered into a Brownfield Cleanup Agreement (BCA) as a volunteer on December 19, 2013 for the Capital Center Site (Site) located at the intersection of Broadway and Spencer Street in Albany, New York. The BCA was amended on January 8, 2014 to reflect FC 705 Broadway, LLC as a second Volunteer applicant and Site owner. The Site was remediated under the New York State Brownfield Cleanup Program (BCP) as Site No. C401070. The New York State Department of Environmental Conservation (NYSDEC) issued the Certificate of Completion (CoC) for the Site on December 29, 2017. This Periodic Review Report (PRR) is required as an element of the NYSDEC-approved Site Management Plan (SMP) developed for the Site and documents the groundwater monitoring events, as well as the annual Site-wide inspection. CHA Consulting, Inc. (CHA) was retained by Pioneer Companies (Pioneer) to complete this work.

The Site is located in the City of Albany, Albany County, New York. A vicinity location map of the Site is included in Figure 1. The Site comprises a total area of approximately 1.67-acres and was recently subdivided into two tax parcels, identified as Tax Map Parcel (TMP) Nos. 76.27-1-18.1 (1.24 acres) and 76.27-1-18.2 (0.43 acre). The Site and the boundaries of the Site are more fully described in Figure 2 and a map depicting the new parcels as a result of the subdivision is included in Figure 3. The surrounding properties consist of commercial uses and the Site is bounded as follows:

North:	Spencer Street, office building, and parking lots
East:	Montgomery Street, parking lots, and ramps associated with I-787
South:	Restaurants, museum, and Clinton Avenue
West:	Broadway and office buildings

The owner of the Site at the time of issuance of this SMP is FC 705 Broadway, LLC (FC). The other volunteers of the BCA include First Columbia, 705 Broadway Hotel, LLC, 705 Broadway Retail, LLC, 705 Broadway Retail One, LLC, 705 Broadway Retail Two, LLC, 705 Broadway Parking, LLC, 705 Broadway Common Space, LLC, 705 Broadway Resident One, LLC, 705 Broadway Resident Two LLC, and 705 Broadway Office, LLC.

The Site consists of vacant land that is currently being redeveloped as a hotel, retail space, residential space, and underground parking garage. The Site is zoned commercial/industrial in an EN-Zone pursuant to Tax Law § 21(b)(6), identified as Albany County Census Tract 001100. There are currently no environmental permits associated with the Site.

The remedial action achieved a Track 1 cleanup on most of the Site, allowing unrestricted use of that portion of the property. A limited narrow area of the property along the southern border was remediated to Track 4 cleanup requirements, and therefore, is restricted to restricted residential use.

1.1 BRIEF SITE BACKGROUND

The Site has a long history of former industrial use based on a review of the Phase I Environmental Site Assessment (ESA) prepared by SPECTRA in 2005. Historical uses of the Site have included multiple meat-packing and processing companies, a box factory, coal storage operations, produce storage, railroad rights of way, roofing suppliers, a tin shop, whole meat suppliers, an insecticide factory, gasoline filling, and auto repair activities. Based on historical use and conditions observed during the Phase I ESA, recognized environmental concerns were identified and subsequent investigation activities were completed, including:

- Initial Subsurface Investigation in October 2005
- Limited Phase II Investigation in June-July 2006
- Remedial Investigation in 2008-2009
- Remedial Investigation (RI) Report in 2011 (prepared by SPECTRA)

1.2 NATURE AND EXTENT OF CONTAMINATION

The following types of contaminants were identified in soil, groundwater, and/or soil vapor on the Site during the previous Site investigations:

- Volatile organic compounds (VOCs)
- Semivolatile organic compounds (SVOCs)
- Polychlorinated biphenyls (PCBs)
- Metals
- Pesticides

1.2.1 Soil

As indicated by the 2011 SPECTRA RI Report, nearly all soil samples collected from the Site contained one or more parameters at concentrations above the Unrestricted Use Soil Cleanup Objective (SCO) concentrations as specified in 6 NYCRR Part 375-6.8(a). The data indicated that soil at the Site was historically impacted by VOCs, SVOCs, metals, trace concentrations of PCBs,

and pesticides. Except for a few select locations, most of the VOC, SVOC, and metals contamination previously identified on-Site was confined to a maximum depth of approximately 10 to 12 feet below the ground surface (bgs). The identified PCB and pesticide contamination was confined to a depth of a few inches below the surface and at only a few select locations on the Site.

1.2.2 Groundwater

As reflected in the 2011 SPECTRA RI Report, nearly all groundwater samples collected from the Site contained one or more parameters at concentrations above the groundwater standards and guidance values included in the NYSDEC's Technical and Operational Guidance Series (TOGS) 1.1.1. The data indicated that groundwater at the Site was historically impacted by low-level concentrations of VOCs and metals.

1.2.3 Soil Vapor

As presented in the 2011 SPECTRA RI Report, all seven of the soil vapor samples collected across the Site contained VOC constituents. Five of the seven samples were collected from the original BCP site while the remaining two were collected from the former Spencer Street parcels.

An off-site sub-slab vapor intrusion investigation was conducted at the adjacent distillery building in December 2015. Tetrachloroethylene (PCE) was the only compound detected in the sub-slab soil vapor samples at a maximum concentration of 8 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). It was determined, using the New York State Department of Health's (NYSDOH's) *Guidance for Evaluating Soil Vapor Intrusion in the state of New York* decision matrices, that no off-site mitigation was warranted, given that the sub-slab soil vapor concentration was significantly less than the 100 $\mu\text{g}/\text{m}^3$ threshold in the matrix. The off-site data indicated that the Site was not a source of off-site vapor intrusion, as indicated in the *Sub-Slab Vapor Intrusion Investigation Report* submitted to the NYSDEC Division of Environmental Remediation on January 13, 2016.

1.3 SUMMARY OF SITE REMEDY

The Remedial Action Objectives (RAOs) for the Site, as listed in the Decision Document dated August 2016 were as follows:

Soil:

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

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

Groundwater:

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

Soil Vapor:

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.

The following are the components of the selected remedy as identified in the August 2016 Decision Document:

- Demolition of the remnants of on-Site buildings and proper off-Site disposal of demolition debris;
- Site monitoring of airborne VOCs and particulates following a NYSDEC-approved Community Air Monitoring Plan (CAMP) during all ground intrusive and soil handling activities;
- Collection and analysis of soil samples during a waste characterization sampling program for preapproval by disposal facilities to facilitate live loading of soils;
- Implementation of dust and odor suppression techniques during all ground intrusive and soil handling activities;
- Excavation to an average depth of 12 feet in the Track 1 area and off-Site disposal of impacted soil exceeding Unrestricted Use SCOs across the Track 1 areas (49,980.86 tons of non-PCB impacted soil and 5,024.34 tons of PCB-impacted soil were removed as part of the remedy implementation);
- Appropriate off-site disposal of all material removed from the Site in accordance with Federal, State, and local rules and regulations for handling, transport, and disposal;

- Implementation of erosion and sediment controls;
- Screening for indications of contamination (by visual and olfactory means, and monitoring with a photoionization detector (PID)) in all excavated soil during all ground intrusive Site work;
- Removal of underground storage tanks (USTs) and closure of the NYSDEC spill report after the Final Engineering Report (FER) was submitted to NYSDEC (twelve tanks in total were removed and closed as part of the remedial construction);
- Placement of asphalt cover in Track 4 area;
- Groundwater remediation during construction activities via pump and treat methods with an on-Site carbon filtration system before discharge to the City of Albany stormwater conveyance system;
- Execution and recording of an Environmental Easement to restrict land use to restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws, and prevent future exposure to any contamination remaining at the Site;
- Development and implementation of a Site Management Plan for long term management of remaining contamination in the Track 4 area as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting; and
- As part of the redevelopment, construction of a ventilated parking garage with high volume air exchange. While the garage and ventilation system are not part of the Track 1 remedy for the Site, they may be considerations in the overall soil vapor intrusion evaluation.

The remedial action for the Site was completed in 2017 following the Remedial Work Plan (RWP) approved by the NYSDEC on August 26, 2016. Remedial activities were described in detail in CHA's Final Engineering Report, dated December 22, 2017. Additionally, groundwater remediation was conducted during the completion of the remedial activities. Based on groundwater samples collected using temporary wells in the source areas, H8 and G6, in-situ chemical oxidation (ISCO), utilizing RegenOx® as provided by REGENESIS®, was applied directly to the groundwater in these areas during the remedial activities.

The Site remedy required that an environmental easement be placed on the property to: (1) implement, maintain and monitor the Engineering Controls per the SMP; (2) prevent future exposure to remaining contamination by controlling disturbances of the remaining subsurface contamination and prohibiting the use of underlying groundwater without necessary treatment; and, (3) limit the use and development of the Site to restricted residential, commercial, or industrial use, only. The environmental easement for the Site was executed by the NYSDEC on July 19, 2017 and is included in the Site Management Plan.

2.0 INSTITUTIONAL/ENGINEERING CONTROLS (IC/EC) PLAN COMPLIANCE REPORT

2.1 IC/EC PLAN REQUIREMENTS AND COMPLIANCE STATUS

Institutional controls (ICs) implemented at the Site in the form of an environmental easement and the SMP require periodic inspection of the engineering controls and an evaluation of Site use to ensure that exposure to remaining contamination is prevented. Additionally, the use and development of the Site are limited to restricted residential, commercial, or industrial uses, only.

Engineering controls (ECs) at the Site that are subject to periodic inspection have consisted of the cover system over the southern portion of the Site (Track 4 cleanup area) and the groundwater monitoring well network which has been utilized for evaluating the effectiveness of monitored natural attenuation (MNA) of the remaining Site contaminants following the implementation of the remedy. Six groundwater monitoring wells were inspected during quarterly sampling events for one year after the issuance of the Certificate of Completion. Four of those wells were decommissioned (with the approval of NYSDEC) in October 2018 and one well was decommissioned in January 2020. The final remaining well (MW-1) was inspected during each of the semiannual groundwater sampling events conducted in 2021 to verify that the well was in good condition and properly maintained to allow for continued groundwater quality monitoring. Well MW-1 was ultimately decommissioned in the spring of 2022 (further described in Section 3.4) following approval of the NYSDEC.

Additionally, stormwater pollution prevention plan (SWPPP) inspections have been conducted by Terracon monthly since September 13, 2019. Copies of the SWPPP inspection reports completed during the 2021 reporting period are included in Appendix A.

2.2 IC/EC CERTIFICATION

The completed Institutional and Engineering Controls Certification Forms are included in Appendix B. Engineering controls, consisting of an asphalt cover system on the southern end of the Site (Track 4 cleanup area) and the monitoring well network (currently consisting of a single monitoring well), were in place and functioning properly during the reporting period. These controls have been and continue to be effective in preventing exposure of the public to remaining contaminants in soil and groundwater at the Site. The SMP is being implemented and based on this review, the remedy continues to be protective of public health and/or the environment and

compliant with the Decision Document. At this time, it is recommended that all controls for the Site remain in place.

3.0 MONITORING PLAN COMPLIANCE REPORT

3.1 COMPONENTS OF THE MONITORING PLAN

Components of the Monitoring Plan include:

- Annual Site-wide inspection and periodic certification

Based on the analytical results of the groundwater samples collected from MW-1 in 2021 (as further described in subsequent sections of this report), the NYSDEC-approved the termination of the groundwater monitoring program in early 2022.

3.2 SITE-WIDE INSPECTION

In the following subsections, CHA summarizes the major observations made during the most recent Site-wide inspection, conducted on April 8, 2022. The Site-wide Inspection Checklist documenting CHA's observations is included in Appendix C. The next inspection of these controls is scheduled to occur in the spring of 2023 unless earlier inspections are necessitated following an extreme weather event.

3.2.1 Inspection of Cover System

Several of the portions of the Track 4 cleanup area covered with asphalt exhibited evidence of significant cracks and depressions associated with subsidence in September 2018. However, these areas were repaired before the submission of the 2018 PRR and continue to be in good condition. Photographs documenting the Site cover condition during the April 2022 Site-wide inspection are included in Appendix D.

3.2.2 Monitoring Well Inspection

During the April and October 2021 monitoring events, the one remaining monitoring well (MW-1) was observed to be in good condition and suitable for the collection of the required groundwater samples.

3.3 MONITORING COMPLETED DURING REPORTING PERIOD

3.3.1 Groundwater Monitoring Activities

CHA personnel visited the Site on April 26th and October 7th, 2021, to conduct groundwater monitoring activities per the requirements of the SMP and NYSDEC-approved amendments to the monitoring program. During each monitoring event, upon arrival at the Site, well MW-1 was gauged using an electronic water level meter. Following the collection of water level data, the well was purged via low-flow methods using a portable bladder pump with a disposable bladder and dedicated tubing. During purging, the following parameters were measured at approximately five-minute intervals using a YSI water quality meter equipped with a flow-through cell: specific conductivity, temperature, pH, and oxidation/reduction potential (ORP). Turbidity was also measured using a separate turbidity meter. The well was purged until stabilization of field parameters was observed.

Upon stabilization of field parameters, a groundwater sample was collected in laboratory-provided, pre-preserved containers. Sample containers were labeled and along with a laboratory-provided trip blank sample, were stored in a rigid cooler with ice, pending delivery to the laboratory. CHA transported the sample under proper chain-of-custody protocol to Alpha Analytical Inc.'s (Alpha) service center in Albany, New York. The groundwater sample and trip blank sample were then transported by Alpha to its laboratory in Westborough, Massachusetts for analysis. The groundwater sample was analyzed for Target Compound List (TCL) VOCs by EPA Method 8260 and TCL SVOCs by EPA Method 8270. The trip blank sample was analyzed for TCL VOCs only.

The results of each 2021 semiannual sampling event, as well as historical data, are presented in Table 1 (detected compounds only). Table 1 includes only the data for the monitoring well sampled in 2021 (well MW-1). CHA notes that groundwater monitoring reports dated July 2021 and January 11, 2022, were previously submitted to the NYSDEC under separate cover documenting the 2021 semiannual groundwater monitoring results and include CHA's groundwater sampling logs.

Groundwater contour maps were not generated for the 2021 monitoring events as only one groundwater elevation data point was available. However, the groundwater flow direction is expected to remain eastward, toward the Hudson River, as had previously been documented during past groundwater monitoring events.

3.3.2 Groundwater Monitoring Results

Compounds detected at a concentration above the applicable TOGS 1.1.1 Ambient Water Quality Standards (AWQS) at well location MW-1 during 2021 are highlighted in Table 1. The complete original laboratory data packages are included in Appendix E. The only VOC detected at well MW-1 in excess of the AWQS in 2021 was methyl tert butyl ether (MTBE). Low concentrations of other VOCs and SVOCs have been detected at the Site, but all detected compounds have been present at concentrations below the applicable AWQSs.

3.3.3 Groundwater Monitoring Trends

The concentration of MTBE at well MW-1 has exhibited a continuous downward trend since March 2018, decreasing from 2,300 micrograms per liter ($\mu\text{g/l}$) to 15 $\mu\text{g/l}$ (more than a 99 percent reduction), approaching the TOGS 1.1.1 guidance value of 10 $\mu\text{g/l}$.

3.4 COMPLIANCE WITH PERFORMANCE STANDARDS

In the January 11, 2022 monitoring report, CHA requested approval from the NYSDEC for termination of the semiannual groundwater monitoring program and decommissioning of monitoring well MW-1, based on the following:

- The continued decreasing trend in the concentration of MTBE at well MW-1 to within 5 $\mu\text{g/l}$ of the TOGS 1.1.1 guidance value and approaching asymptotic conditions, consistently demonstrating attenuation of this contaminant;
- The absence of other VOCs/SVOCs above the TOGS 1.1.1 standards; and
- The use/availability of the City's public water supply system at and in the area of the Site (i.e. non-use of groundwater at the Site).

NYSDEC approval for termination of the groundwater monitoring program and decommissioning of well MW-1 was provided to CHA via e-mail correspondence on January 6, 2022. Consequently, the NYSDEC stated its intent to change the cleanup level of the 1.596-acre area of the Site as referenced in the December 29, 2017 CoC from a "Conditional Track 1 Area" to a simple "Track 1 Area".

Well abandonment activities were completed on March 10, 2022, by Cascade Remediation Services, LLC, observed and documented by CHA personnel. The PVC well materials were removed from the ground and discarded as solid waste, and the borehole was filled to the ground

surface with cement-bentonite grout. A well abandonment log was prepared and is included in Appendix F.

4.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

CHA did not identify changes in Site use or new development at the Site since the last PRR was completed. The Site was recently subdivided into two tax parcels (76.27-1-18.1 and 76.27-1-18.2) in anticipation of a financial transaction.

The Site was observed to be in overall good condition at the time of the most recent Site-wide inspection, conducted on April 8, 2022. No additional development of the Track 4 area has occurred since the completion of remedial Site activities. Specific observations are noted below:

- The Site cover system and perimeter fencing appeared in good condition.
- While the redevelopment construction is ongoing at the Site (though suspended throughout 2021 into early 2022), the Track 4 area has been stabilized with asphalt pavement and the Track 1 area is either occupied by the new building construction or stabilized with run of crush (crusher run) material. During 2021 and early 2022, Terracon completed SWPPP inspections at the Site monthly and no significant issues were documented.

Evaluation of Remedy Performance, Effectiveness & Protectiveness

Based on the removal of contaminated soil and other contaminant sources, and post-remediation groundwater sampling, as described in the Final Engineering Report for the Site, the remedy has achieved the RAOs for decreasing groundwater contamination concentrations. Provided the institutional and engineering controls established for the Site remain in place and are maintained, it is expected that the remedy will continue to be effective in the protection of human health and the environment.

The results of groundwater sampling conducted in 2021 (described in detail in Section 3.3) indicate that the remedy has continued to be effective in achieving the RAOs for groundwater.

Recommendations

It is recommended that the current institutional and engineering controls in place at the Site remain in place, and the engineering controls continue to be inspected.

No additional changes to the remedy, and/or monitoring or operation & maintenance plans are recommended at this time. However, the SMP will be revised in 2022 to indicate the termination of the groundwater monitoring program and to change the cleanup level for the Site from a “Conditional Track 1 Area” to a simple “Track 1 Area.”

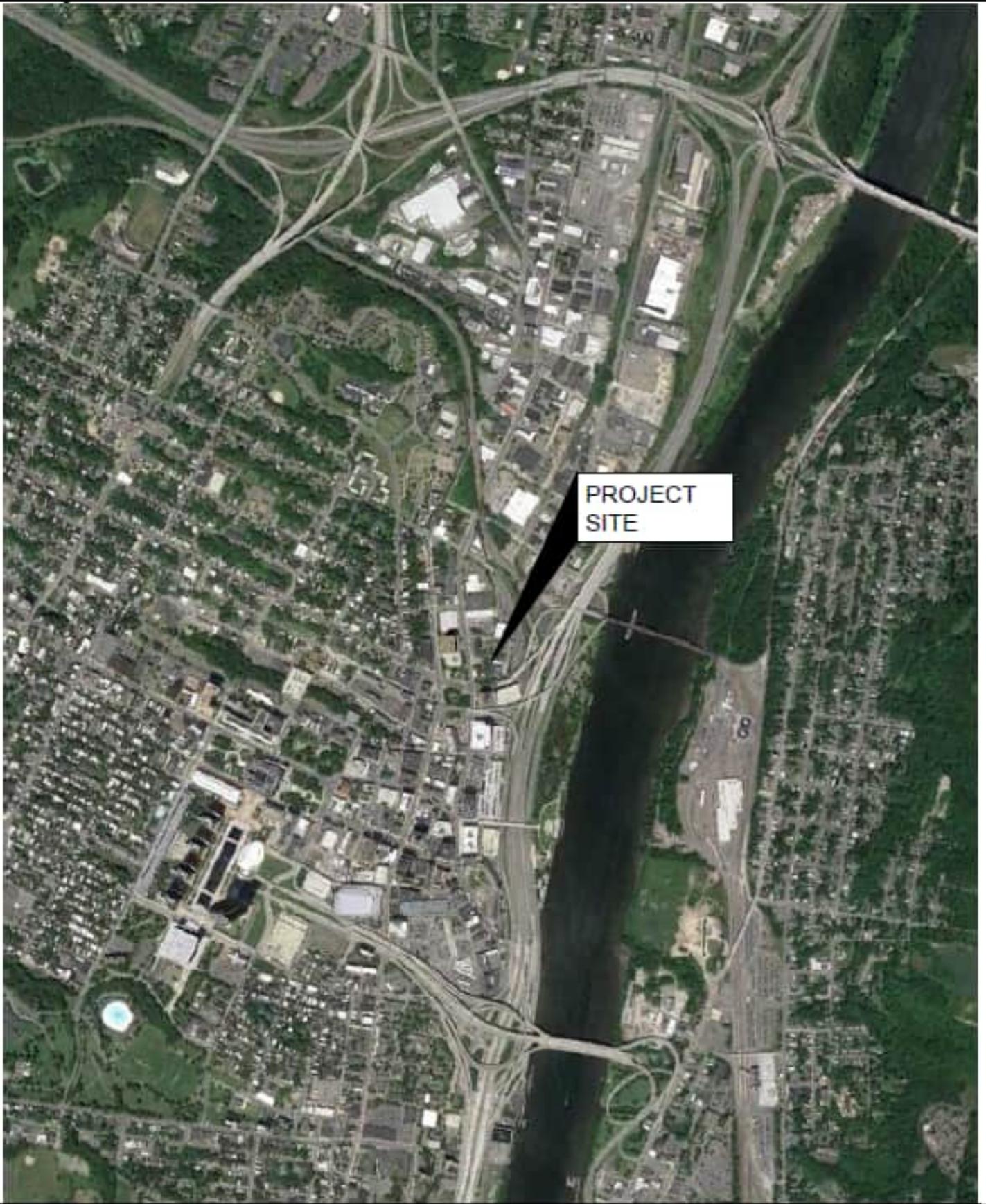
TABLE

Table 1
Capital Center, Albany, NY
Groundwater Analytical Monitoring Data
Detected Compounds Only

LOCATION SAMPLING DATE	MW-1														
	3/27/2018	6/6/2018	9/26/2018	12/19/2018	12/19/2018	3/20/2019	3/20/2019	8/23/2019	8/23/2019	4/9/2020	10/15/2020	4/26/2021	10/7/2021		
	DUPLICATE				DUPLICATE				DUPLICATE						
NY-AWQS	Units	Results													
Dissolved Metals															
Aluminum, Dissolved	NS ug/l	6.81 J	9.78 J	46.9	22 J	604 J	324 J	234 J	1580 J	310 J	J	NA	NA	NA	NA
Antimony, Dissolved	3 ug/l	2.78 J	0.54 J	0.57 J	1.2 J	0.76 J	0.84 J+	1.32 J+	1.58 J	1.44 J	J	NA	NA	NA	NA
Arsenic, Dissolved	25 ug/l	6.8	3.71	1.83	2.18	2.38	3.33	3.24	3.65	3.2	J	NA	NA	NA	NA
Barium, Dissolved	1000 ug/l	185.2	53.62	215.8	149.8	148.1	19.97	17.12	30.06 J	17.28 J	J	NA	NA	NA	NA
Cadmium, Dissolved	5 ug/l		0.28	0.22	0.11 J	0.1 J					J	NA	NA	NA	NA
Calcium, Dissolved	NS ug/l	57600	25100	146000	166000	165000	12000	11700	7730	6720	J	NA	NA	NA	NA
Chromium, Dissolved	50 ug/l					0.74 J	0.43 J	0.33 J	1.81	0.19 J	J	NA	NA	NA	NA
Cobalt, Dissolved	NS ug/l	1.1	0.41 J	1.44	1.6 J	2.02 J	0.31 J	0.22 J	1.05	0.25 J	J	NA	NA	NA	NA
Copper, Dissolved	200 ug/l	1.13	0.99 J	1.25	0.93 J	2.21	1.37	1.21	3.78 J	1.39 J	J	NA	NA	NA	NA
Iron, Dissolved	300 ug/l			83.2	67.9 J+	998 J+	385 J	193 J	1860 J+	293 J+	J	NA	NA	NA	NA
Lead, Dissolved	25 ug/l					0.73 J			1.22		J	NA	NA	NA	NA
Magnesium, Dissolved	35000 ug/l	42300	16200	103000	141000	141000 J	7290	7140	4290	3550	J	NA	NA	NA	NA
Manganese, Dissolved	300 ug/l	235.2	152.8	967.2	1041	1032	54.8	51.1	56.8 J	29.48 J	J	NA	NA	NA	NA
Mercury, Dissolved	0.7 ug/l			0.2	UJ						J	NA	NA	NA	NA
Nickel, Dissolved	100 ug/l	2.55	1.21 J	1.67 J	2.15	2.59	0.73 J		3.5	1.9 J	J	NA	NA	NA	NA
Potassium, Dissolved	NS ug/l	2080	871	2490	2300	2580	822	759	1120 J	633 J	J	NA	NA	NA	NA
Silver, Dissolved	50 ug/l			0.22 J							J	NA	NA	NA	NA
Sodium, Dissolved	20000 ug/l	97500	73400	193000	217000	214000	68200	68100	68700	65100	J	NA	NA	NA	NA
Thallium, Dissolved	0.5 ug/l								0.19 J		J	NA	NA	NA	NA
Vanadium, Dissolved	NS ug/l	2.15 J				1.85 J	2.13 J	1.82 J	6.77	4.42 J	J	NA	NA	NA	NA
Zinc, Dissolved	2000 ug/l			4.41 J					8.38 J		J	NA	NA	NA	NA
Total Metals															
Aluminum, Total	NS ug/l	3790	7650	2080	16100 J	20800 J	11700	9800	12000	11900	J	NA	NA	NA	NA
Antimony, Total	3 ug/l	2.23 J	0.56 J		0.92 J	1.95 J	0.92 J	1.38 J		0.47 J	J	NA	NA	NA	NA
Arsenic, Total	25 ug/l	9.06	6.7	3.3	18.12 J	24.9 J	12.27	10.76	12.09	12.18	J	NA	NA	NA	NA
Barium, Total	1000 ug/l	228.5	99.23	244.4	511.3	518.6	98.99	86.21	125.8	127.2	J	NA	NA	NA	NA
Beryllium, Total	3 ug/l	0.21 J	0.36 J	0.15 J	1.51	1.72	0.58	0.49 J	0.83 J	0.64 J	J	NA	NA	NA	NA
Cadmium, Total	5 ug/l	0.06 J	0.57 J	0.47 J	1.14	1.12	0.13 J	0.14 J	0.19 J	0.22 J	J	NA	NA	NA	NA
Calcium, Total	NS ug/l	75500	42400	167000	820000	844000	57200	54000	69500	78100	J	NA	NA	NA	NA
Chromium, Total	50 ug/l	5.3	11.2	3.67	29.51 J	39.21 J	16.91	14.59	21.48	20.49	J	NA	NA	NA	NA
Cobalt, Total	NS ug/l	4.29	6.63	4	36.94 J	46.53 J	14.23 J	10.83 J	14.64	14.69	J	NA	NA	NA	NA
Copper, Total	200 ug/l	9	20.73	11.33	201.6	226.6	45.23 J	35.41 J	48.39	52.77	J	NA	NA	NA	NA
Iron, Total	300 ug/l	290	14400	4980 J+	88400	107000	27700 J+	21500 J+	31600 J+	31700 J+	J	NA	NA	NA	NA
Lead, Total	25 ug/l	2.96	6.85	4.4	53.64	63.19	17.36	14.23	17.3	17.89	J	NA	NA	NA	NA
Magnesium, Total	35000 ug/l	46100	23100	113000 J+	284000	274000	21600	19500	23800	25500	J	NA	NA	NA	NA
Manganese, Total	300 ug/l	417	468	1270	10080	10390	869	784.5	1053	1131	J	NA	NA	NA	NA
Nickel, Total	100 ug/l	9.82	13.88	6	57.34 J	77.78 J	29.38 J	23.4 J	31.6	33.02	J	NA	NA	NA	NA
Potassium, Total	NS ug/l	3230	2410	2930	6540 J	8910 J	2590	2330	2900	2820	J	NA	NA	NA	NA
Selenium, Total	10 ug/l			8.83		9.54	3.37 J	3.16 J	5.71	5.33	J	NA	NA	NA	NA
Silver, Total	50 ug/l		0.19 J			0.21 J					J	NA	NA	NA	NA
Sodium, Total	20000 ug/l	99500	73100	200000	204000	195000	73400	74600	72900	75900	J	NA	NA	NA	NA
Thallium, Total	0.5 ug/l				0.28 J	0.48 J	0.16 J	0.15 J	0.26 JR	0.29 J	J	NA	NA	NA	NA
Vanadium, Total	NS ug/l	9.07	12.62	5.75	47.17	55.38	21.65 J	17.37 J	27.04	26.61	J	NA	NA	NA	NA
Zinc, Total	2000 ug/l	21.91	45.51	22.44	245 J	320.4 J	72.71	60.32	88.72	90.72	J	NA	NA	NA	NA
Volatile Organics by GC/MS															
1,1-Dioxane	ug/l			250 UR		61 UR									
Acetone	50 ug/l											17			
Bromomethane	5 ug/l			2.5 UJ											
Methyl tert butyl ether	10 ug/l	2300	660	3700	2800	2300	390	390	140	150		34	22	17	15
Tetrachloroethene	5 ug/l		0.59 J												
Semivolatile Organics by GC/MS															
1,3-Dichlorobenzene	5 ug/l				0.5 UJ	0.5 UJ									
4-Chloroaniline	5 ug/l			5 UJ											
4-Nitroaniline	5 ug/l				0.5 UJ	0.5 UJ									
Acetophenone	ug/l														
Bis(2-ethylhexyl)phthalate	5 ug/l	3.7			52 J+										
Di-n-butylphthalate	50 ug/l				0.84 J										
2-Chloronaphthalene	10 ug/l														
2-Methylnaphthalene	NS ug/l						0.02 J								
Anthracene	50 ug/l	0.1													
Fluoranthene	50 ug/l	0.1				0.03 J									
Fluorene	50 ug/l	0.1													
Naphthalene	10 ug/l	0.1										0.42 BR			
Phenanthrene	50 ug/l	0.1					0.04 JU	0.05 JU							
Pyrene	5 ug/l					0.02 J									

Notes:
 NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.
 Samples were analyzed by Alpha Analytical Laboratory
 Blank cells indicate parameters that were not detected
 Shaded values indicate a value greater than NY TOGS 1:1 Ambient Water Quality Standards Limits
 R - indicates a rejected/ unusable value dictated by the DUSR report
 J+ - indicates an estimated, biased high value dictated by the DUSR report
 J - indicates an estimated value
 J- - indicates an estimated, biased low value dictated by the DUSR report
 UJ - indicates an estimated value dictated by the DUSR report
 NS - no standard
 NA - Not Analyzed

FIGURES



**PROJECT
SITE**



Figure 1 - Site Location Map

**Capital City Center Site
Quackenbush Square
City of Albany, Albany County, New York**

Date: May 2020

**CHA Project No.
31647**

*Service Layer Credits: Aerial imagery courtesy of Esri, DigitalGlobe, GeoEye, Earthstar
Image Date: 6/7/2015*

SUBDIVISION NO. _____

MAP OF THE SUBDIVISION OF PROPERTY AT:
No. 705 BROADWAY

EXIST. ADDRESS AS SHOWN ON TAX MAPS

TAX MAP NO. _____

ASSESSMENT ROLL INFORMATION

PARCEL ADDRESS	TAX ID NO.	ACCOUNT NUMBER
No. 705 BROADWAY	76.27-1-18	11295

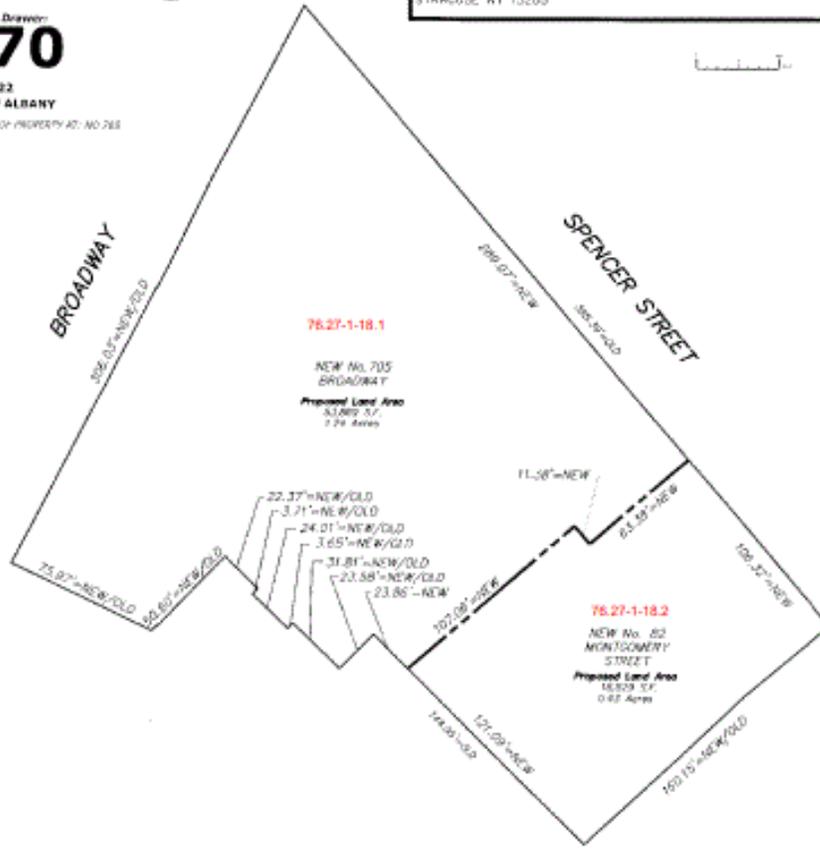
APPROVED:  DATE: 3/3/22

CHIEF PLANNING OFFICIAL

OWNER & TAX BILLING ADDRESS:
 P.C. 705 BROADWAY LLC
 PREMIER MANAGEMENT GROUP LLC
 133 W. WASHINGTON ST. SUITE 600
 SYRACUSE, NY 13203

Map: **14170**

Drawn: 4/4/2022
 Municipality: CITY OF ALBANY
 MAP OF THE SUBDIVISION OF PROPERTY AT: NO. 705 BROADWAY



SCALE: ONE INCH TO 40 FEET

————— DENOTES RESUBDIVISION LINE
 - - - - - DENOTES ORIGINAL SUBDIVISION LINE

SHOW OLD STREET NUMBER SCREENED, THUS 20

SHOW NEW STREET NUMBER SOLID, THUS 25

BY:  P.E.

DATE: 3/29/2022

FILE No. 18902-MPCD
 100 PLANNING SET
 REVISED 3 29 22:04G

Note: Subdivision map provided to CHA by Pioneer Companies.

Drawing Copyright © 2020



3 Winners Circle, Albany, New York 12205
 Main: (518) 453-4500 • www.chacompanies.com

Subdivision Map with New Tax Map Parcels

Capital Center Site
 705 Broadway
 Albany, New York

PROJECT NO.
 031647.000

DATE: 05/2022

FIGURE 3

APPENDIX A

SWPPP Inspection Reports

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0220
Service Date: 01/15/21
Report Date: 01/18/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

The Pike Company Inc
 Attn: Bryan Shepard
 20 Loudonville Road
 Albany, NY 12204

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 16-T-060518-4	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 1-15-21	Inspection Time: 12:00 PM	Temperature: 36°F
Weather Conditions: Cloudy		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just east of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0220
Service Date: 01/15/21
Report Date: 01/18/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

The Pike Company Inc
 Attn: Bryan Shepard
 20 Loudonville Road
 Albany, NY 12204

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0220
Service Date: 01/15/21
Report Date: 01/18/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

The Pike Company Inc
 Attn: Bryan Shepard
 20 Loudonville Road
 Albany, NY 12204

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0220
Service Date: 01/15/21
Report Date: 01/18/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

The Pike Company Inc
Attn: Bryan Shepard
20 Loudonville Road
Albany, NY 12204

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:

M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

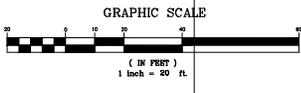
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND table with symbols for existing and proposed utilities, contours, and pavement.

CONSTRUCTION SEQUENCE... INSTALL TRAFFIC CONTROLS AS REQUIRED... INSTALL CONSTRUCTION FENCING AS REQUIRED... COMMENCE WORK ON SITE... COMMENCE INSTALLATION OF SHOWING AND SHEET PILES... MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERY CLEAN... OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED...

Professional seal for Hershberg & Hershberg Consulting Engineers and Land Surveyors, Albany, NY. Includes date, remarks, and revision table.

CONSTRUCTION ISSUE

SEDIMENTATION AND EROSION CONTROL PLAN QUACKENBUSH SQUARE 705 BROADWAY ALBANY, NY



Photo No. 1

View of the site.

Photo No. 2

Inlet protection effective.



Photo No. 3

Same as Photo No. 1.

Photo No. 4

No sediment observed on Broadway.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0220	
	Technician: Asa Barnhill	
	Date: 01/15/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0220
Service Date: 01/15/21
Report Date: 01/18/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) The Pike Company Inc, Bryan Shepard
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) QPK Design LLP, Rachel Keller
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0221
Service Date: 02/11/21
Report Date: 02/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 16-T-060518-4	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 2-11-21	Inspection Time: 08:00 AM	Temperature: 20°F
Weather Conditions: Cloudy		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just east of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0221
Service Date: 02/11/21
Report Date: 02/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

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705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations;
Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0221
 Service Date: 02/11/21
 Report Date: 02/12/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0221
Service Date: 02/11/21
Report Date: 02/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:

Jared Hall
Staff Geologist

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

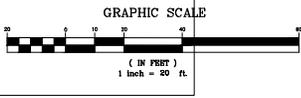
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND

- WV EXISTING WATER VALVE
- EXISTING LIGHT POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD WIRE
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING COMBINED SEWER
- EXISTING COMBINED SEWER
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- 201 PROPOSED CONTOURS
- 200 PROPOSED WATER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CONCRETE PAVEMENT
- SAWCUT PAVEMENT RESTORATION
- NEW GRANITE CURB
- CONCRETE SIDEWALK
- 2/CS DETAIL/SHEET NUMBER
- ADA RAMP
- DETECTABLE SURFACE

- CONSTRUCTION SEQUENCE**
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHORING AND SHEET PILES: PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - INSTALL SEDIMENTATION FENCE OR OTHER CONTROLS AS INDICATED ON THE PLAN. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - GRADE AND PREPARE CONSTRUCTION ENTRANCE. PRIOR TO COMMENCEMENT OF ANY GRADING - CONSTRUCTION ENTRANCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED. THIS MAY BE RELOCATED AS SHEETING AND SHORING CONTINUES.
 - COMMENCE INSTALLATION OF SHORING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW REQUIRES DAILY INSPECTION. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTION FENCES. THE USE OF UNPROTECTED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROHIBITED AND MUST BE REMOVED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - SELECT ALL FENCING MATERIALS.
 - PRICE ELEMENTS: CONCRETE STRUCTURES, STEEL SHEETING, REINFORCING STEEL, DECORATIVE STONE, BRICK, CONCRETE ADDITIVES, CONCRETE SEALERS.
 - MOIST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHALL MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT MICROPILES. UNITS COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB-SOIL UTILITIES INCLUDING STORAGE AND/OR STORAGE, PUMP, REFORMULATION AND COLLECTION. PILES SHOULD BE INSTALLED TO LOWER GARAGE.
 - INSTALL SEDIMENTATION AND COLLECTION PILES. FLOOD PROTECT TO LOWER GARAGE.
 - INSTALL STORAGE AND TREATMENT SYSTEM. PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABANDON SEDIMENT TRAP AFTER PERMIT STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ILLEGAL.

STATE OF NEW YORK
SEAL OF THE STATE ENGINEER

DATE: 2/11/21
2/11/21
2/11/21

REMARKS:
COMMENTS: LETTER
DRAWING NUMBER: 2106-001

REVISIONS:

SEDIMENTATION AND EROSION CONTROL PLAN
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

FILE NO: 2106-001
DATE: 02/27/21
SCALE: 1"=20'

C5

CONSTRUCTION ISSUE



Photo No. 1

View looking east.



Photo No. 2

View looking north.



Photo No. 3

View looking east at the building.



Photo No. 4

Construction entrance closed on this date.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0221	
	Technician: Asa Barnhill	
	Date: 02/11/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0221
Service Date: 02/11/21
Report Date: 02/12/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
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- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0222
Service Date: 03/08/21
Report Date: 03/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 16-T-060518-4	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 3-8-21	Inspection Time: 1:45 PM	Temperature: 36°F
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just east of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0222
Service Date: 03/08/21
Report Date: 03/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0222
 Service Date: 03/08/21
 Report Date: 03/12/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0222
Service Date: 03/08/21
Report Date: 03/12/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:

M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

View looking NE.

Photo No. 2

View looking N.



Photo No. 3

View looking SW.

Photo No. 4

View looking E.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0222	
	Technician: Asa Barnhill	
	Date: 03/08/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0222
Service Date: 03/08/21
Report Date: 03/12/21
Task: SWPPP Inspections

Terracon

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

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- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0223
Service Date: 04/09/21
Report Date: 04/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill		NYSDEC SWT No. 16-T-060518-4	
Qualified Professional: Joe Robichaud, P.E.			
Inspection Date: 4-9-21	Inspection Time: 11:30 AM	Temperature: 68°F	
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run	

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just east of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0223
Service Date: 04/09/21
Report Date: 04/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations;
Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0223
Service Date: 04/09/21
Report Date: 04/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0223
Service Date: 04/09/21
Report Date: 04/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

View of the NW end of the site.

Photo No. 2

View of the north side of the site.



Photo No. 3

View of the east end of the site.

Photo No. 4

View of the SW end of the site.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0223	
	Technician: Asa Barnhill	
	Date: 04/09/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0223
Service Date: 04/09/21
Report Date: 04/13/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, dark red, sans-serif font. The letter "T" is significantly larger and more prominent than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
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- (1) The Pike Company Inc, Mike Ferris
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- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0224
Service Date: 05/07/21
Report Date: 05/17/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 16-T-060518-4	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 5-7-21	Inspection Time: 09:15 AM	Temperature: 55°F
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0224
Service Date: 05/07/21
Report Date: 05/17/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0224
 Service Date: 05/07/21
 Report Date: 05/17/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0224
Service Date: 05/07/21
Report Date: 05/17/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:

M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

LEGEND

- EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING CONTOURS
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD WIRE
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING COMBINED SEWER
- EXISTING COMBINED SEWER
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- PROPOSED CONTOURS
- PROPOSED WATER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CONCRETE PAVEMENT
- SAW CUT PAVEMENT RESTORATION
- NEW GRANITE CURB
- CONCRETE SIDEWALK
- ADA RAMP

- CONSTRUCTION SEQUENCE
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHORING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - INSTALL SEDIMENTATION FENCE OR OTHER CONTROLS AS INDICATED ON THE PLAN. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - GRADE AND PREPARE CONSTRUCTION ENTRANCE. PRIOR TO COMMENCEMENT OF ANY GRADING - CONSTRUCTION ENTRANCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED. THIS MAY BE RELOCATED AS SHEETING AND SHORING CONTINUES.
 - COMMENCE INSTALLATION OF SHORING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - STABILIZATION OF FILLING OR TREATMENT SYSTEM TO BE MAINTAINED UNTIL SITE IS STABILIZED AND MAY BE REQUIRED UNTIL CONSTRUCTION OF ON SITE BUILDING PROCEEDS TO THE INSTALLATION OF THE PERMANENT SYSTEM. SEE TREATMENT OF WATER FROM TO DISCUSS FOR ADDITIONAL INFORMATION.
 - CELEBRATE FILLING AREA. RELOCATE WHEN REQUIRED. MAINTAIN A FILLING AREA FOR EQUIPMENT UNTIL NO LONGER REQUIRED.
 - THE EXISTING PAVEMENT MUST BE KEPT SWEEP CLEAN TO AVOID TRACKING MATERIALS ONTO ANY STREETS. CONTINUOUSLY FROM INSPECTION TO COMPLETION OF STABILIZATION OR FILING OF NOTICE OF TERMINATION.
 - MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW. REQUIRE DAILY INSPECTION. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
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 - SELECT ALL FILLING MATERIALS.
 - PRICE ELEMENTS
 - CONCRETE STRUCTURES
 - STEEL SHEETING
 - REINFORCING STEEL
 - DECORATIVE STONE
 - BRICK
 - CONCRETE ADDITIVES
 - CONCRETE SEALERS
 - MOIST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHALL MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT MODULES. UNTIL COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB SOAR UTILITIES INCLUDING STORAGE AND/OR STORAGE. PUMP, REFORMULATION AND COLLECTION. PILES. PRIOR TO REMOVAL TO LOWER GARAGE.
 - INSTALL SEDIMENTATION AND COLLECTION PILES. PRIOR TO REMOVAL TO LOWER GARAGE.
 - INSTALL STORAGE AND TREATMENT SYSTEM. PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABANDON SEDIMENT TRAP. AFTER PERMANENT STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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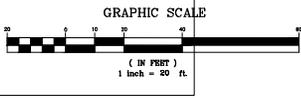


DATE	8/2/17
DESIGNER	JL
CHECKER	JL
DATE	8/2/17
REVISIONS	

SEDIMENTATION AND EROSION CONTROL PLAN
 QUACKENBUSH SQUARE
 705 BROADWAY
 ALBANY, NY

FILE NO. 16002-3
 DATE: 12/27/16
 C5

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



CONSTRUCTION ISSUE



Photo No. 1

View of site looking north.

Photo No. 2

View of site looking east at pump station.



Photo No. 3

View of site looking east at building.

Photo No. 4

View of site looking north.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0224	
	Technician: Asa Barnhill	
	Date: 05/07/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0224
Service Date: 05/07/21
Report Date: 05/17/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
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- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0225
Service Date: 06/04/21
Report Date: 06/14/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 16-T-060518-4
Qualified Professional: Joe Robichaud, P.E.	
Inspection Date: 6-4-21	Inspection Time: 01:00 PM
Temperature: 72°F	
Weather Conditions: Cloudy, humid	Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0225
Service Date: 06/04/21
Report Date: 06/14/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations;
Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0225
Service Date: 06/04/21
Report Date: 06/14/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0225
Service Date: 06/04/21
Report Date: 06/14/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 16-T-060518-4

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:

M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

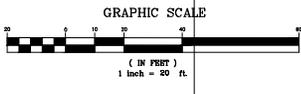
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND

- EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD WIRE
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING COMBINED SEWER
- EXISTING COMBINED SEWER
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- PROPOSED CONTOURS
- PROPOSED WATER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CONCRETE PAVEMENT
- SAWCUT PAVEMENT RESTORATION
- NEW GRANITE CURB
- CONCRETE SIDEWALK
- ADA RAMP

- CONSTRUCTION SEQUENCE
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHORING AND SHEET PILES: PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR ERECTION OF SILENT TRAP TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
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 - PRICE
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 - BRICK
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 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT MICROPILES. UNITS COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB SOAR UTILITIES INCLUDING STORAGE AND/OR STORAGE TANKS, REINFORCING AND COLLECTION PIPES. PRIOR TO REMOVAL TO LOWER GARAGE.
 - INSTALL SILENT TRAP TREATMENT SYSTEM PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
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 - FILE NOTICE OF TERMINATION.

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 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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DATE	8/2/17
DESIGNER	JL
CHECKER	LF
DATE	9/17/17
REVISIONS	FROM SHEET UPDATED

SEDIMENTATION AND EROSION CONTROL PLAN
 QUACKENBUSH SQUARE
 705 BROADWAY
 ALBANY, NY

SCALE: 1"=30'
 DATE: 12/27/16
 FILE: 16050-3

CONSTRUCTION ISSUE

C5



Photo No. 1

View looking northeast.



Photo No. 2

View looking north.



Photo No. 3

View looking east.



Photo No. 4

View looking northwest.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0225	
	Technician: Asa Barnhill	
	Date: 06/04/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0225
Service Date: 06/04/21
Report Date: 06/14/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

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- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0226
Service Date: 07/07/21
Report Date: 07/09/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 7-7-21	Inspection Time: 08:45 AM	Temperature: 82°F
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0226
Service Date: 07/07/21
Report Date: 07/09/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0226
 Service Date: 07/07/21
 Report Date: 07/09/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0226
Service Date: 07/07/21
Report Date: 07/09/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:

M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

LEGEND

- EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING CONTOURS
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD WIRE
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING COMBINED SEWER
- EXISTING COMBINED SEWER
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- PROPOSED CONTOURS
- PROPOSED WATER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CONCRETE PAVEMENT
- SAW CUT PAVEMENT RESTORATION
- NEW GRANITE CURB
- CONCRETE SIDEWALK
- ADA RAMP

- CONSTRUCTION SEQUENCE
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHOWING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - INSTALL SEDIMENTATION FENCE OR OTHER CONTROLS AS INDICATED ON THE PLAN. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - GRADE AND PREPARE CONSTRUCTION ENTRANCE. PRIOR TO COMMENCEMENT OF ANY GRADING - CONSTRUCTION ENTRANCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED. THIS MAY BE RELOCATED AS SHEETING AND SHOWING CONTINUES.
 - COMMENCE INSTALLATION OF SHOWING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SEDIMENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - STABILIZATION OF FILLING OF TRENCHES OR TRENCHES TO BE MAINTAINED UNTIL SITE IS STABILIZED AND MAY BE REQUIRED UNTIL CONSTRUCTION OF ON SITE BUILDING PROCEEDS TO THE INSTALLATION OF THE PERMANENT SYSTEM. SEE TREATMENT OF WATER FROM TO DISCUSS FOR ADDITIONAL INFORMATION.
 - CELEBRATE FILLING AREA. RELOCATE WHEN REQUIRED. MAINTAIN A FILLING AREA FOR EQUIPMENT UNTIL NO LONGER REQUIRED.
 - THE EXISTING PAVEMENT MUST BE KEPT SWEEP CLEAN TO AVOID TRACKING MATERIALS ONTO ANY STREETS. CONTINUOUSLY FROM INSPECTION TO COMPLETION OF STABILIZATION OR FILING OF NOTICE OF TERMINATION.
 - MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW. REQUIRE DAILY INSPECTION, CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTIONS. TRAILERS: ANY STORED MATERIALS MUST BE COVERED BY A RECEPTION FENCE. THE USE OF ANCHORED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROHIBITED AND MUST BE REMOVED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - SELECT FILL
 - FENCING MATERIALS
 - PILES
 - CONCRETE STRUCTURES
 - STEEL SHEETING
 - REINFORCING STEEL
 - DECORATIVE STONE
 - BRICK
 - CONCRETE ADDITIVES
 - CONCRETE SEALERS
 - MOIST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHALL MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT PILES. UNITS COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB-SOIL UTILITIES INCLUDING STORAGE AND/OR STORAGE, PUMP, REDEMPTION AND COLLECTION. PILES SHOULD BE REMOVED TO LOWER GARAGE.
 - INSTALL SEDIMENTATION AND COLLECTION PILES. FLOOR SHOULD BE INSTALLED TO STORAGE AND TREATMENT SYSTEM. PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABANDON SEDIMENT TRAP. AFTER PERMANENT STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ILLEGAL.



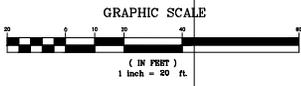
DATE	8/2/21
DESIGNER	JL
CHECKER	JL
DATE	7/2/21
DESIGNER	JL
CHECKER	JL
DATE	7/2/21
DESIGNER	JL
CHECKER	JL
REVISIONS	

SEDIMENTATION AND EROSION CONTROL PLAN
 QUACKENBUSH SQUARE
 705 BROADWAY
 ALBANY, NY

FILE NO. 19050-3
 DATE: 12/27/16
 CING. 0811
 SCALE: 1"=30'
 FILE NO. 19050-3

C5

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



CONSTRUCTION ISSUE



Photo No. 1

Grades stabilized with crushed stone. Looking north.



Photo No. 2

Looking east.



Photo No. 3

At the SE corner of the building looking west.



Photo No. 4

At the NW corner of the building looking east.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0226	
	Technician: Asa Barnhill	
	Date: 07/07/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0226
Service Date: 07/07/21
Report Date: 07/09/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) QPK Design LLP, Rachel Keller
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0227
 Service Date: 08/03/21
 Report Date: 08/24/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 8-3-21	Inspection Time: 09:45 AM	Temperature: 64°F
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0227
Service Date: 08/03/21
Report Date: 08/24/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; Minor buildup in north silt sack. Repair not needed at this time

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0227
 Service Date: 08/03/21
 Report Date: 08/24/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0227
Service Date: 08/03/21
Report Date: 08/24/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

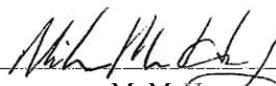
Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Minor sediment buildup in silt sack

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

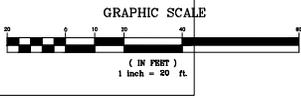
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND

⊙	EXISTING WATER VALVE
⊙	EXISTING LIGHT POLE
⊙	EXISTING UTILITY POLE
⊙	EXISTING SIGN
---	EXISTING CONTOURS
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND TELEPHONE
---	EXISTING OVERHEAD WIRE
---	EXISTING WATER MAIN
---	EXISTING HYDRANT
---	EXISTING COMBINED SEWER
---	EXISTING COMBINED SEWER
---	EXISTING SANITARY SEWER MAIN
---	EXISTING STORM SEWER MAIN
---	EXISTING CATCH BASIN
---	EXISTING MANHOLE
---	WATER SHUT OFF
---	FENCE LINE
---	EXISTING PAVEMENT
---	PROPOSED CONTOURS
---	PROPOSED WATER MAIN
---	PROPOSED SANITARY SEWER MAIN
---	PROPOSED STORM SEWER
---	PROPOSED CATCH BASIN
---	PROPOSED MANHOLE
---	PROPOSED CONCRETE PAVEMENT
---	SAW CUT PAVEMENT RESTORATION
---	NEW GRANITE CURB
---	CONCRETE SIDEWALK
---	ADA RAMP
---	DETECTABLE SURFACE

- CONSTRUCTION SEQUENCE**
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHIELDING OR ABANDONMENT REQUIRED. PRIOR TO THE START OF ANY INSTALLATION OF SHOWING OR SHEET PILING.
 - INSTALL SEPARATION FENCE OR OTHER CONTROLS AS INDICATED ON THE PLAN. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - GRADE AND PREPARE CONSTRUCTION ENTRANCE. PRIOR TO COMMENCEMENT OF ANY GRADING - CONSTRUCTION ENTRANCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED. THIS MAY BE RELOCATED AS SHEETING AND SHOWING CONTINUES.
 - COMMENCE INSTALLATION OF SHOWING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SILENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - MAINTAIN THIS AREA CLEAR OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW. REQUIRE DAILY INSPECTION, CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTIONS. TRAILERS MUST BE COVERED WITH TARP.
 - ANY CONSTRUCTION MATERIALS (E.G. SAND, ETC.) MUST BE SURROUNDED BY CONSTRUCTION FENCING. THE USE OF ANCHORED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROHIBITED AND MUST BE REMOVED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - SELECT ALL FENCING MATERIALS.
 - PRICE ELEMENTS: CONCRETE STRUCTURES, STEEL SHEETING, REINFORCING STEEL, DECORATIVE STONE, BRICK, CONCRETE ADDITIVES, CONCRETE SEALERS.
 - MOIST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHALL MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INCEPTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT MODULES. UNTIL COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB-SOIL UTILITIES INCLUDING STORAGE AND/OR STORAGE TANK, HYDRO-PNEUMATIC TANK AND COLLECTION PIPES. PRIOR TO REMOVAL TO LOWER GARAGE.
 - INSTALL SILENT TRAP TO STORAGE AND TREATMENT SYSTEM. PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABANDON SEDIMENT TRAP AFTER PERMANENT STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

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DATE	8/3/21
DESIGNER	LEWIS
CHECKER	LEWIS
DATE	8/3/21
REVISIONS	

SEDIMENTATION AND EROSION CONTROL PLAN
 QUACKENBUSH SQUARE
 705 BROADWAY
 ALBANY, NY

FILE NO. 10000-3
 DATE: 12/27/16
 SCALE: 1"=20'
 C5

CONSTRUCTION ISSUE



Photo No. 1

Minor buildup in silt sack.



Photo No. 2

View looking west.



Photo No. 3

View looking north.



Photo No. 4

View looking east.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0227	
	Technician: Asa Barnhill	
	Date: 08/03/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0227
Service Date: 08/03/21
Report Date: 08/24/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more prominent than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

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- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) QPK Design LLP, Rachel Keller
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0228
Service Date: 09/02/21
Report Date: 09/07/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133
Qualified Professional: Joe Robichaud, P.E.	
Inspection Date: 9-2-21	Inspection Time: 02:30 PM
Temperature: 70°F	
Weather Conditions: Sunny, windy	Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0228
Service Date: 09/02/21
Report Date: 09/07/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; Minor buildup in north silt sack. Repair not needed at this time

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0228
Service Date: 09/02/21
Report Date: 09/07/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0228
Service Date: 09/02/21
Report Date: 09/07/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

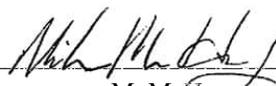
Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

Silt sack generally clear of sediment.



Photo No. 2

View of SW corner of the site.



Photo No. 3

View of the north side of the site.



Photo No. 4

View of the east side of the site.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0228	
	Technician: Asa Barnhill	
	Date: 09/02/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0228
Service Date: 09/02/21
Report Date: 09/07/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
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- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0229
Service Date: 09/30/21
Report Date: 10/04/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 9-30-21	Inspection Time: 1:00 PM	Temperature: 60°F
Weather Conditions: Cloudy		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site east of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0229
Service Date: 09/30/21
Report Date: 10/04/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; Minor buildup in north silt sack. Repair not needed at this time

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0229
Service Date: 09/30/21
Report Date: 10/04/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
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Client

705 Broadway Hotel LLC
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 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0229
Service Date: 09/30/21
Report Date: 10/04/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was temporarily shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

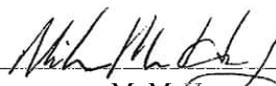
Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Minor sediment buildup in silt sack

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

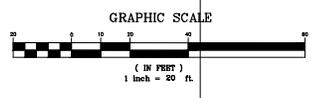
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

SILT SACK GENERALLY CLEAR OF SEDIMENT

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND	
⊙	EXISTING WATER VALVE
⊙	EXISTING POLE WITH LIGHT
⊙	EXISTING LIGHT POLE
⊙	EXISTING UTILITY POLE
⊙	EXISTING SIGN
---	EXISTING CONTOURS
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND TELEPHONE
---	EXISTING OVERHEAD WIRE
---	EXISTING WATER MAIN
---	EXISTING HYDRANT
---	EXISTING COMBINED SEWER
---	EXISTING COMBINED SEWER
---	EXISTING SANITARY SEWER MAIN
---	EXISTING STORM SEWER MAIN
---	EXISTING CATCH BASIN
---	EXISTING MANHOLE
---	WATER SHUT OFF
---	FENCE LINE
---	EXISTING PAVEMENT
---	PROPOSED CONTOURS
---	PROPOSED WATER MAIN
---	PROPOSED SANITARY SEWER MAIN
---	PROPOSED STORM SEWER
---	PROPOSED CATCH BASIN
---	PROPOSED MANHOLE
---	PROPOSED CONCRETE PAVEMENT
---	SAW CUT PAVEMENT RESTORATION
---	NEW GRANITE CURB
---	CONCRETE SIDEWALK
---	DETAIL/SHEET NUMBER
---	ADA RAMP
---	DETECTABLE SURFACE

- CONSTRUCTION SEQUENCE**
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - INSTALLATION OF SHIELDING OR ABANDONMENT REQUIRED. PRIOR TO THE START OF ANY INSTALLATION OF SHOWING OR SHEET PILING.
 - INSTALL SEPARATION FENCE OR OTHER CONTROLS AS INDICATED ON THE PLAN. PRIOR TO COMMENCEMENT OF ANY GRADING - FENCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - GRADE AND PREPARE CONSTRUCTION ENTRANCE. PRIOR TO COMMENCEMENT OF ANY GRADING - CONSTRUCTION ENTRANCE TO REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED. THIS MAY BE RELOCATED AS SHEETING AND SHOWING CONTINUES.
 - COMMENCE INSTALLATION OF SHOWING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SILENT TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO THE PERMANENT SYSTEM. THE SITE IS STABILIZED AND MAY BE REQUIRED UNTIL CONSTRUCTION OF ON SITE BUILDING PROCEEDS TO THE INSTALLATION OF THE PERMANENT SYSTEM. SEE TREATMENT OF WATER FROM TO DISCUSS FOR ADDITIONAL INFORMATION.
 - CELEBRATE FUELING AREA. RELOCATE WHEN REQUIRED. MAINTAIN A FUELING AREA FOR EQUIPMENT UNTIL NO LONGER REQUIRED.
 - THE EXISTING PAVEMENT MUST BE KEPT VERY CLEAN TO AVOID TRACKING MATERIALS ONTO ANY STREETS. CONTINUOUSLY FROM INSPECTION TO COMPLETION OF STABILIZATION OR FILING OF NOTICE OF TERMINATION.
 - MAINTAIN THIS AREA CLEAN OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW. REQUIRES DAILY INSPECTION. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTIONS. TRAILERS. ANY STORED MATERIALS MUST BE COVERED BY A DRAINAGE FENCE. THE USE OF ANCHORED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROHIBITED AND MUST BE REMOVED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - SELECT ALL FENCING MATERIALS.
 - PRICE ELEMENTS
 - CONCRETE STRUCTURES
 - STEEL SHEETING
 - REINFORCING STEEL
 - DECORATIVE STONE
 - BRICK
 - CONCRETE ADDITIVES
 - CONCRETE SEALERS
 - MOIST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHALL MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT PILES. UNITS COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB-SOIL UTILITIES INCLUDING STORAGE AND/OR STORAGE TANKS, REINFORCING AND COLLECTION PILES. PRIOR TO REMOVAL OF DEBRIS TO LOWER GARAGE.
 - INSTALL DEBRIS STORAGE AND TREATMENT SYSTEM. PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABANDON SEDIMENT TRAP. AFTER PERMANENT STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
 Consulting Engineers and Land Surveyors
 18 Locust Street
 Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ILLEGAL.

STATE OF NEW YORK
 COUNTY OF ALBANY
 LICENSE NO. 12345

DATE	8/2/21
DESIGNED BY	LEZ
CHECKED BY	LEZ
DATE	9/30/21
REVISIONS	

SEDIMENTATION AND EROSION CONTROL PLAN
 QUACKENBUSH SQUARE
 705 BROADWAY
 ALBANY, NY

SCALE: 1"=20'
 DATE: 02/27/16
 FILE: 16050-3

C5

CONSTRUCTION ISSUE



Photo No. 1

View of the SW corner of the site.

Photo No. 2

View of the NW corner of the site.



Photo No. 3

View of the NE corner of the site.

Photo No. 4

View on the southern side of the site near the pump station.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0229	
	Technician: Asa Barnhill	
	Date: 09/30/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0229
Service Date: 09/30/21
Report Date: 10/04/21
Task: SWPPP Inspections

Terracon

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
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- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0230
 Service Date: 11/04/21
 Report Date: 11/08/21
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill		NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.			
Inspection Date: 11-4-21	Inspection Time: 10:15 AM		Temperature: 40°F
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run	

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0230
Service Date: 11/04/21
Report Date: 11/08/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; Some buildup of leaves in north silt sack. Cleanout recommended

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0230
Service Date: 11/04/21
Report Date: 11/08/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? No repairs/remediation's in the previous inspection report. If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0230
Service Date: 11/04/21
Report Date: 11/08/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

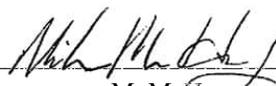
1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

View looking north.



Photo No. 2

View looking east.



Photo No. 3

Cleanout of leaves in silt sack recommended.



Photo No. 4

View looking south into the site.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0230	
	Technician: Asa Barnhill	
	Date: 11/04/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0230
Service Date: 11/04/21
Report Date: 11/08/21
Task: SWPPP Inspections

Terracon

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
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- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0231
Service Date: 12/06/21
Report Date: 12/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133
Qualified Professional: Joe Robichaud, P.E.	
Inspection Date: 12-6-21	Inspection Time: 9:45 AM
Temperature: 48°F	
Weather Conditions: Partly cloudy, windy	Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0231
Service Date: 12/06/21
Report Date: 12/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
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 Attn: Melissa Zell
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Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; A Pike representative cleaned out the north silt sack after the last inspection, but it has filled up with leaves again. Cleanout recommended.

--	--	--

Is outlet protection installed and effective? If No, recommendations;

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0231
Service Date: 12/06/21
Report Date: 12/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
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 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Entire site is currently below surrounding grades.

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0231
Service Date: 12/06/21
Report Date: 12/13/21
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

--	--	--

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

12-6-21: Silt sack was cleaned out after the last inspection, but leaves have built up in it again. Cleanout recommended.

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Cleanout of silt sack recommended

Construction entrance closed

Area stabilized through the placement of crusher run

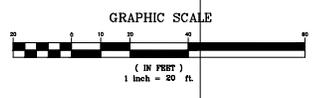
Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

Area stabilized through the placement of crusher run

Site closed at time of inspection

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



LEGEND

- WY EXISTING WATER VALVE
- EXISTING POLE WITH LIGHT
- EXISTING UTILITY POLE
- EXISTING SIGN
- 201 EXISTING CONTOURS
- 200 EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD WIRE
- EXISTING WATER MAIN
- EXISTING HYDRANT
- EXISTING COMBINED SEWER
- EXISTING COMBINED SEWER
- EXISTING SANITARY SEWER MAIN
- EXISTING STORM SEWER MAIN
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- WATER SHUT OFF
- FENCE LINE
- EXISTING PAVEMENT
- 201 PROPOSED CONTOURS
- 200 PROPOSED WATER MAIN
- PROPOSED SANITARY SEWER MAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED CONCRETE PAVEMENT
- SAWCUT PAVEMENT RESTORATION
- NEW GRANITE CURB
- CONCRETE SIDEWALK
- DETAIL/SHEET NUMBER
- ADA RAMP
- DETECTABLE SURFACE

- CONSTRUCTION SEQUENCE**
- INSTALL TRAFFIC CONTROLS AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - INSTALL CONSTRUCTION FENCING AS REQUIRED. PRIOR TO THE START OF ANY CONSTRUCTION.
 - COMMENCE WORK ON SITE.
 - COMMENCE INSTALLATION OF SHOWING AND SHEET PILES. PLAN INSTALLATION IN A MANNER TO ALLOW ACCESS FOR LOCATION OF SUMP TRAP, TREATMENT SYSTEM AND DISCHARGE PIPE. THIS SHOULD BE THE FIRST AREA OF CONSTRUCTION.
 - MAINTAIN THIS AREA CLEAR OF DEBRIS AND VERY CLEAN AND SAFETY OF STORAGE OF MATERIALS LISTED BELOW REQUIRES DAILY INSPECTION. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ANY CONSTRUCTION MATERIALS, CHEMICALS OR CONSTRUCTION DEBRIS MUST BE STORED IN SEALED RECEPTION TRAILERS. THE USE OF UNPROTECTED MATERIALS STORED ON SITE DURING CONSTRUCTION IS PROHIBITED AND MUST BE REMOVED IF ANY ADDITIONAL MATERIALS ARE UTILIZED. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - SELECT ALL FENCING MATERIALS
 - PREPARE SHEETS
 - CONCRETE STRUCTURES
 - STEEL SHEETING
 - REINFORCING STEEL
 - DECORATIVE STONE
 - BRICK
 - CONCRETE ADDITIVES
 - CONCRETE SEALERS
 - MOST SHEETS MUST BE AVAILABLE ON SITE FOR ALL MATERIALS USED OR IMPORTED TO THE SITE. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - ONE CHECKER SHEET MUST BE CONTAINED IMMEDIATELY ON SITE AND REPORTED TO INSPECTOR CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - OIL AND GREASE SPILLS FROM EQUIPMENT SHALL BE TREATED IMMEDIATELY. CONTINUOUSLY FROM INSPECTION TO FILING OF NOTICE OF TERMINATION.
 - CLEAN SEDIMENT TRAP AS REQUIRED. CONTINUOUSLY FROM INSTALLATION UNTIL REMOVAL AND TRANSFER TO STORAGE/TREATMENT SYSTEM.
 - INSTALL LAYER OF CRUSHED STONE TO STABILIZE SITE, AS REQUIRED TO ALLOW INSTALLATION OF DEEP FOUNDATION.
 - INSTALL DEEP FOUNDATION CURRENTLY PROPOSED TO BE CAST-IN-PLACE DRILLED SHAFT MICROPILES. UNITS COMPLETION OF DEEP FOUNDATION.
 - INSTALL SUB-SOIL UTILITIES INCLUDING STORAGE AND/OR STORAGE TANK, REINFORCING AND COLLECTION PILES. PRIOR TO REMOVAL TO LOWER GARAGE.
 - VERIFY ALL MATERIALS TO STORAGE AND TREATMENT SYSTEM PRIOR TO REMOVAL OF TEMPORARY SEDIMENT TRAP.
 - ABRASION SEDIMENT TRAP AFTER PERMITS STORAGE AND TREATMENT SPACE GOES ON LINE.
 - COMPLETE CONSTRUCTION OF PROJECT.
 - OBTAIN APPROVAL ON NOTICE OF TERMINATION FROM MSA COORDINATOR AFTER SITE HAS BEEN STABILIZED. PRIOR TO FILING OF NOTICE OF TERMINATION.
 - FILE NOTICE OF TERMINATION.

HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ILLEGAL.

STATE OF NEW YORK
SEAL OF THE STATE ENGINEER

DATE	8/2/21
DESIGNER	8/2/21
CHECKER	8/2/21
BY	8/2/21
REVISIONS	

SEDIMENTATION AND EROSION CONTROL PLAN
QUACKENBUSH SQUARE
705 BROADWAY
ALBANY, NY

FILE NO. 19050-3
DATE: 12/27/16
CITY: ALBANY
SCALE: 1"=20'

C5

CONSTRUCTION ISSUE



Photo No. 1

Silt sack filled with leaves. Cleanout recommended.



Photo No. 2

View of the eastern portion of the site.



Photo No. 3

View of the NW portion of the site.



Photo No. 4

View of the SE portion of the site.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0231	
	Technician: Asa Barnhill	
	Date: 12/06/21	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0231
Service Date: 12/06/21
Report Date: 12/13/21
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more stylized than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
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- (1) QPK Design LLP, Andy Wright
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- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0232
Service Date: 01/14/22
Report Date: 01/21/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill	NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.		
Inspection Date: 1-14-22	Inspection Time: 8:00 AM	Temperature: 32°F
Weather Conditions: Overcast		Soil Conditions: N/A- Crusher Run

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site? Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site? Reports up to date. Kept on site in a waterproof box just west of the pump station.

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0232
Service Date: 01/14/22
Report Date: 01/21/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

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 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
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Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations; A Pike representative cleaned out the north silt sack after the last inspection, but it has filled up with leaves again. Cleanout recommended.

--	--	--

Is outlet protection installed and effective? If No, recommendations;

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0232
Service Date: 01/14/22
Report Date: 01/21/22
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30 Corporate Cir Ste 201
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 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Entire site is currently below surrounding grades.

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

--	--	--

Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

--	--	--

Empty containers have been disposed of?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0232
Service Date: 01/14/22
Report Date: 01/21/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A



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Site was shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

12-6-21: Silt sack was cleaned out after the last inspection, but leaves have built up in it again. Cleanout recommended.

1-14-22: SAME

Services:

Terracon Rep.: Asa Barnhill
Reported To: N/A
Contractor: Pike
Report Distribution:
See attached distribution list.

Reviewed By:

Asa Barnhill
Staff Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Cleanout of silt sack recommended

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS

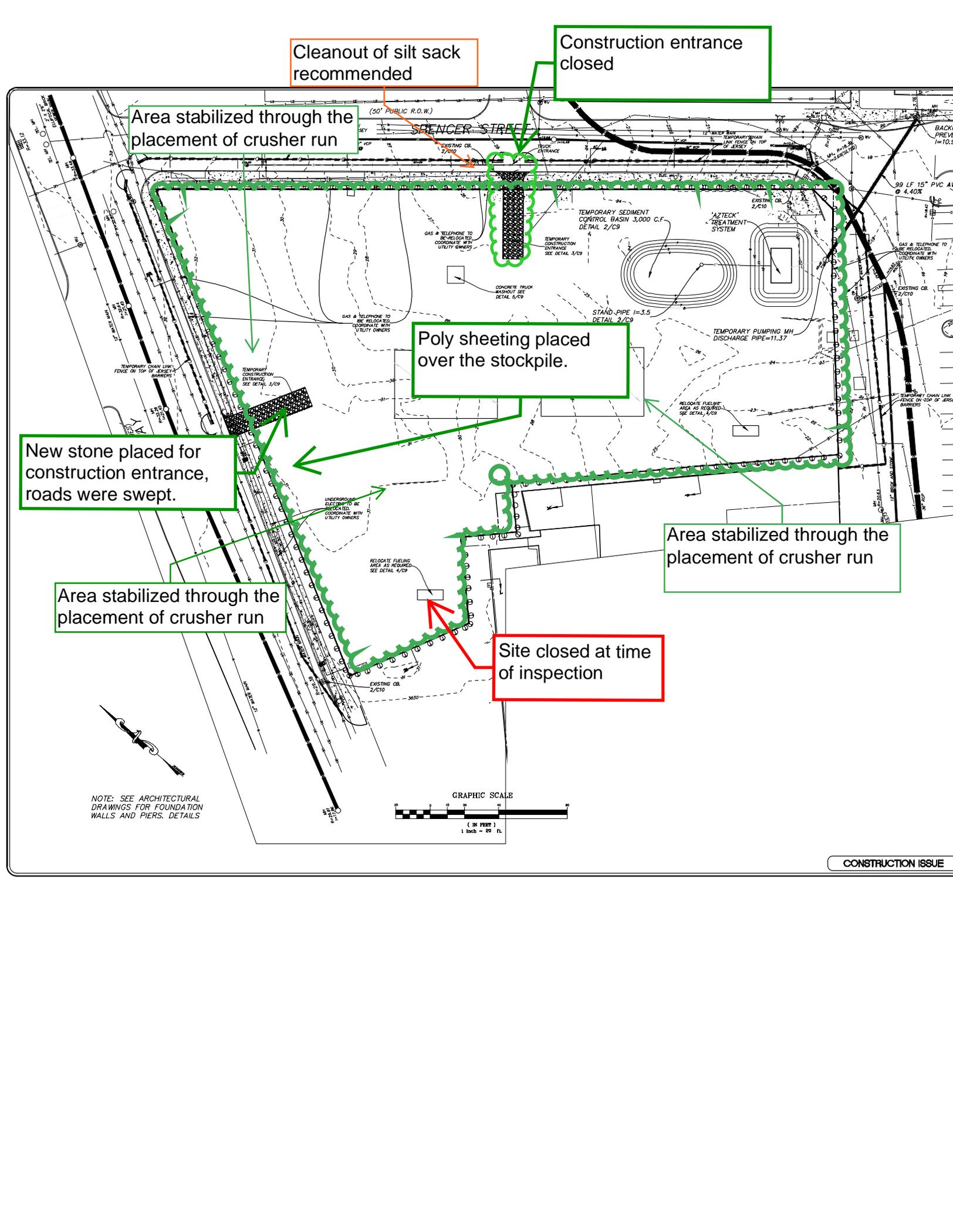
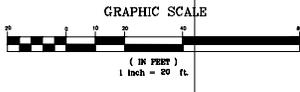




Photo No. 1

View of the site looking north.

Photo No. 2

View of the site looking east.



Photo No. 3

View of the site looking NE.

Photo No. 4

Cleanout of silt sack recommended.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0232	
	Technician: Asa Barnhill	
	Date: 01/14/22	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0232
Service Date: 01/14/22
Report Date: 01/21/22
Task: SWPPP Inspections

The logo for Terracon, featuring the word "Terracon" in a bold, red, sans-serif font. The letter "T" is significantly larger and more prominent than the other letters.

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

SWPPP INSPECTION REPORT



Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

GENERAL INFORMATION

Pike requested Terracon to be on site for Storm Water Inspection at the above referenced project. The construction documents referenced for this inspection include: Erosion & Sediment Control Plan.

SUMMARY OF SERVICES

NYS DEC Permit No. NYR11C715

Qualified Inspector: Asa Barnhill		NYSDEC SWT No. 060T-6152021-133	
Qualified Professional: Joe Robichaud, P.E.			
Inspection Date: 2-21-22	Inspection Time: 12:00 PM	Temperature: 45°F	
Weather Conditions: Partly cloudy		Soil Conditions: N/A- Crusher Run	

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site?
Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site?
Reports up to date. Kept on site in a waterproof box just west of the pump station.

SWPPP INSPECTION REPORT



Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

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Are the public roads being kept clean? Roads were swept.

SWPPP INSPECTION REPORT



Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is the perimeter silt fence installed, effective and cleaned?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Does the perimeter silt fence require repairs or replacement? If yes provide location(s):
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is inlet protection installed in accordance with approved details? If No, recommendations; <u>A Pike representative cleaned out the north silt sack after the last inspection, but it has filled up with leaves again. Cleanout recommended.</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is outlet protection installed and effective? If No, recommendations; <u>Entire site is currently below surrounding grades.</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is a temporary sediment basin installed and effective? If No, recommendations; <u>Site is below surrounding grades.</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; <u>Poly sheeting placed over the stockpiles.</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there currently less than 5 acres of disturbed soils at the site? If No, explain;
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the contractor completed repairs/remediation's recommended in previous inspection report? If No, recommendations:
Housekeeping			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Construction equipment has been inspected for oil and grease leaks? <u>No equipment onsite currently.</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	All construction equipment that was found to be leaking has been

SWPPP INSPECTION REPORT



Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	repaired?
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<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?
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<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Empty containers have been disposed of?
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Onsite fueling areas are being maintained and have adequate spill protection devices? <u>Tank is double lined and there are concrete cylinder blocks protecting it.</u>
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Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was shut down at time of inspection.

This monthly inspection was performed by Asa Barnhill NYSDEC SWT No. 060T-6152021-133

Signature of Qualified Inspector: *Asa Barnhill*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

SWPPP INSPECTION REPORT



Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

12-6-21: Silt sack was cleaned out after the last inspection, but leaves have built up in it again. Cleanout recommended.

1-14-22: SAME

2-21-22: SAME

Services:

Terracon Rep.: Asa Barnhill

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:


M. McHenry

Materials Group Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

Cleanout of silt sack recommended.



Photo No. 2

View of the eastern portion of the site.



Photo No. 3

View of the western portion of the site.



Photo No. 4

View of the northern portion of the site.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0233	
	Technician: Asa Barnhill	
	Date: 02/21/22	
	Scale: Not to Scale	

Cleanout of silt sack recommended

Construction entrance closed

Area stabilized through the placement of crusher run

Poly sheeting placed over the stockpile.

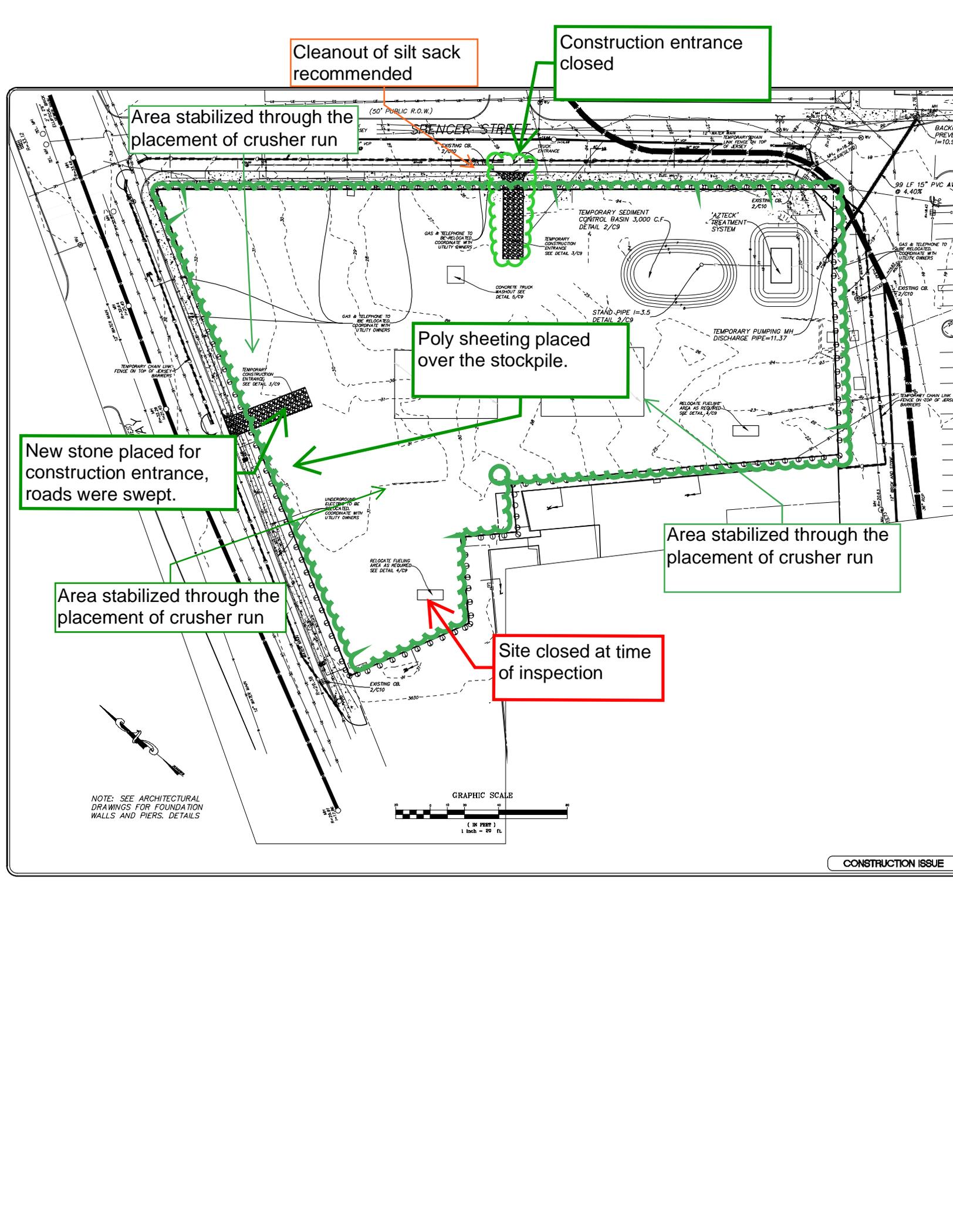
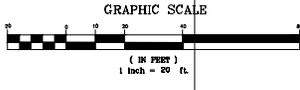
New stone placed for construction entrance, roads were swept.

Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection

NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



Distribution Page

Report Number: JB191106A.0233
Service Date: 02/21/22
Report Date: 03/01/22
Task: SWPPP Inspections



30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0234
Service Date: 03/24/22
Report Date: 03/30/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

GENERAL INFORMATION

Pike requested Terracon to be on site for Storm Water Inspection at the above referenced project. The construction documents referenced for this inspection include: Erosion & Sediment Control Plan.

SUMMARY OF SERVICES

NYS DEC Permit No. NYR11C715

Qualified Inspector: Jared Hall		NYSDEC SWT No. 39T-030619-13	
Qualified Professional: Joe Robichaud, P.E.			
Inspection Date: 3-24-22	Inspection Time: 09:30 AM	Temperature: 37°F	
Weather Conditions: Light Rain		Soil Conditions: N/A- Crusher Run	

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site?
Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site?
Reports up to date. Kept on site in a waterproof box just west of the pump station.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0234
Service Date: 03/24/22
Report Date: 03/30/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances.

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0234
 Service Date: 03/24/22
 Report Date: 03/30/22
 Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

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Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain; Litter should be cleaned up along the east (rear) portion of site.

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0234
Service Date: 03/24/22
Report Date: 03/30/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--------------------------	--------------------------	-------------------------------------

Empty containers have been disposed of?

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------------------	--------------------------	--------------------------

Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was shut down at time of inspection.

This monthly inspection was performed by Jared Hall NYSDEC SWT No. 39T-030619-13

Signature of Qualified Inspector: *Jared Hall*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0234
Service Date: 03/24/22
Report Date: 03/30/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

12-6-21: Silt sack was cleaned out after the last inspection, but leaves have built up in it again. Cleanout recommended.

1-14-22: SAME

2-21-22: SAME

3-24-22: Catch basin appeared to have been cleared out.

Services:

Terracon Rep.: Jared Hall

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:


M. McHenry

Materials Department Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1 Litter should be cleaned up along east portion of site.



Photo No. 2 Same.



Photo No. 3 West portion of site stabilized with crusher run.



Photo No. 4 Same, overview.

705 Broadway Hotel LLC	Project Number: JB191106A	
Pioneer Products	Report Number: JB191106A.0234	
Attn: Melissa Zell	Technician: Jared Hall	
333 W Washington St Ste 600	Date: 03/24/22	
Syracuse, NY 13202	Scale: Not to Scale	
		30 Corporate Cir Ste 201
		Albany, NY 12203-5169
		518-266-0310

Distribution Page

Report Number: JB191106A.0234
Service Date: 03/24/22
Report Date: 03/30/22
Task: SWPPP Inspections



30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Ferris
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell

Construction entrance closed

Area stabilized through the placement of crusher run

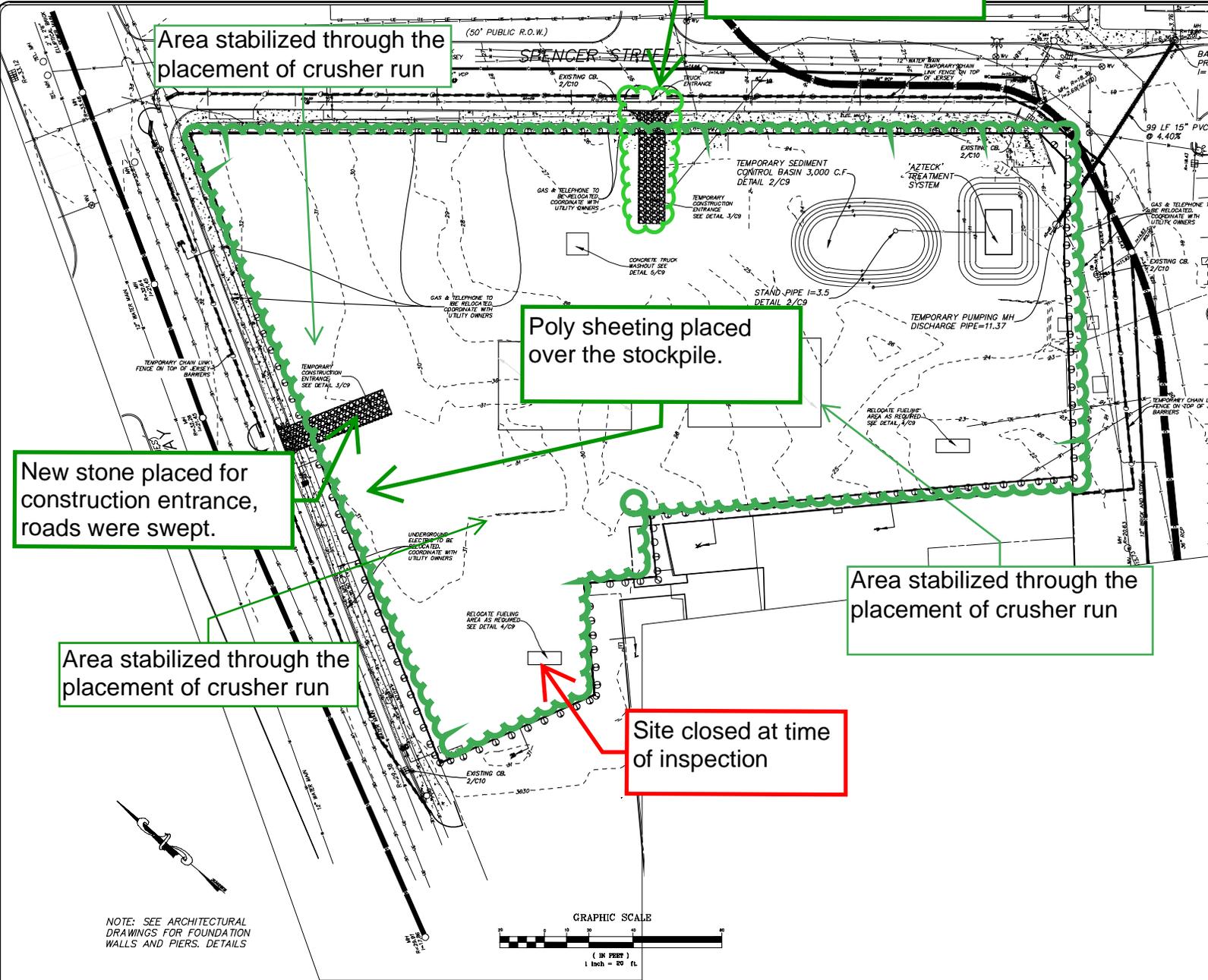
Poly sheeting placed over the stockpile.

New stone placed for construction entrance, roads were swept.

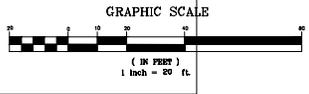
Area stabilized through the placement of crusher run

Area stabilized through the placement of crusher run

Site closed at time of inspection



NOTE: SEE ARCHITECTURAL DRAWINGS FOR FOUNDATION WALLS AND PIERS. DETAILS



STORM WATER INSPECTION REPORT



Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 c/o Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

GENERAL INFORMATION

Pike requested Terracon to be on site for Storm Water Inspection at the above referenced project. The construction documents referenced for this inspection include: Erosion & Sediment Control Plan.

SUMMARY OF SERVICES

NYS DEC Permit No. NYR11C715

Qualified Inspector: Justin Sprung		NYSDEC SWT No. 16-T-32222-49	
Qualified Professional: Joe Robichaud, P.E.			
Inspection Date: 4-29-22	Inspection Time: 13:59 PM	Temperature: 59°F	
Weather Conditions: Sunny		Soil Conditions: N/A- Crusher Run	

INSPECTION CHECK LIST

Record Keeping

Yes	No	N/A

Is a copy of the Notice of Intent (NOI) and acknowledgment on site?
Documents are kept in a waterproof box on site west of the pump station.

--	--	--

Is a copy of the SWPPP report and all necessary signed permittee and contractor certification statements retained at the construction site? Same as above

--	--	--

Is a copy of the SPDES General Permit retained at the construction site?

--	--	--

Are the SWPPP inspection report logs retained at the construction site?
Reports up to date. Kept on site in a waterproof box just west of the pump station.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 c/o Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

Visual Observations

Describe water runoff conditions at all points of discharge from the construction site. Include identification of any silt or sediment discharges from the site, including discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.).

Discharge Point	Sediment Discharge		Description of runoff water and sediment discharge (if applicable)
	Yes	No	
Grades are slightly below the surrounding grades			No sediment discharges noted.

Describe conditions of all natural surface water bodies located within, or immediately adjacent to, the property boundaries of the construction site which receive runoff from disturbed areas. This shall include identification of any discharges of sediment to the surface water body.

Water body	Sediment Discharge		Description of water and sediment discharge (if applicable)
	Yes	No	
Hudson River			No sediment discharges noted.

Describe areas where temporary or permanent stabilization are required or have been implemented.

Area	Description of stabilization (temporary or permanent), type of stabilization, installed or required
Project site	Site grading and placement of crusher run over open grades has been completed. The grades have now been brought up to just below the elevation of the surrounding grades.
Stockpiles	Sheeting was placed over the stockpile.
Construction Entrances	Stone placed at the entrances.

Yes	No	N/A

Is the construction entrance/exit installed and effective? If No, recommendations;

--	--	--

Are the public roads being kept clean? Roads were swept.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
 Albany, NY 12203-5169
 518-266-0310

Client

705 Broadway Hotel LLC
 c/o Pioneer Products
 Attn: Melissa Zell
 333 W Washington St Ste 600
 Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
 705 Broadway
 Menands, NY

Project Number: JB191106A

--	--	--

Is the perimeter silt fence installed, effective and cleaned?

--	--	--

Does the perimeter silt fence require repairs or replacement? If yes provide location(s):

--	--	--

Is inlet protection installed in accordance with approved details? If No, recommendations;

--	--	--

Is outlet protection installed and effective? If No, recommendations; Entire site is currently below surrounding grades.

--	--	--

Is a temporary sediment basin installed and effective? If No, recommendations; Site is below surrounding grades.

Yes	No	N/A

Are soil stockpiles on site surrounded within a silt fence enclosure? If No, recommendations; Poly sheeting placed over the stockpiles.

--	--	--

Are there currently less than 5 acres of disturbed soils at the site? If No, explain;

--	--	--

Has the contractor completed repairs/remediation's recommended in previous inspection report? If No, recommendations:

Housekeeping

Yes	No	N/A

Litter, including building materials, has been picked up, and has been disposed of in appropriate dumpsters? Are the dumpsters being emptied regularly? If No, explain;

--	--	--

Construction equipment has been inspected for oil and grease leaks? No equipment onsite currently.

--	--	--

All construction equipment that was found to be leaking has been repaired?

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
c/o Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hazardous or toxic materials, including oil, grease, detergents and solvents, are stored under cover where they cannot come in contact with storm water?
--------------------------	--------------------------	-------------------------------------	--

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Empty containers have been disposed of?
--------------------------	--------------------------	-------------------------------------	---

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Onsite fueling areas are being maintained and have adequate spill protection devices? Tank is double lined and there are concrete cylinder blocks protecting it.
-------------------------------------	--------------------------	--------------------------	--

Use this space to explain each "No" checked above and to provide additional comments as necessary. Identify any areas with gully erosion on slopes, loss of vegetation, seed or mulch, excessive deposition of sediments or ponding water along diversion or barrier systems. Also identify any areas of erosion near outlet or overflow structures in the sedimentation basin areas.

Site was shut down at time of inspection.

This monthly inspection was performed by Justin Sprung NYSDEC SWT No. 16-T-32222-49

Signature of Qualified Inspector: *Justin Sprung*

Signature of Owner's Representative:

ADDITIONAL NOTES AND LIST OF DEFFICENCIES

1. Some buildup of leaves in silt sack near Spencer St. construction entrance. Cleanout recommended.

11-4-21: ITEM OPEN

12-6-21: Silt sack was cleaned out after the last inspection, but leaves have built up in it again. Cleanout recommended.

STORM WATER INSPECTION REPORT



Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections

30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Client

705 Broadway Hotel LLC
c/o Pioneer Products
Attn: Melissa Zell
333 W Washington St Ste 600
Syracuse, NY 13202

Project

Quackenbush Square Hotel SI and MT
705 Broadway
Menands, NY

Project Number: JB191106A

1-14-22: SAME

2-21-22: SAME

3-24-22: Catch basin appeared to have been cleared out.

4-29-22: Leaves have built up in catch basin again.

Services:

Terracon Rep.: Justin Sprung

Reported To: N/A

Contractor: Pike

Report Distribution:

See attached distribution list.

Reviewed By:

Asa Barnhill

Staff Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



Photo No. 1

Entire site stabilized with crushed stone.

Photo No. 2

Same.



Photo No. 3

Some eroding of crushed stone recommend redressing with additional stone.



Photo No. 4

Catch basin near site entrance almost full, recommend removal of debris.

Quackenbush Square Hotel SI and MT 705 Broadway Menands, NY	Project Number: JB191106A	 30 Corporate Cir Ste 201 Albany, NY 12203-5169 518-266-0310
	Report Number: JB191106A.0236	
	Technician: Justin Sprung	
	Date: 04/29/22	
	Scale: Not to Scale	

Distribution Page

Report Number: JB191106A.0236
Service Date: 04/29/22
Report Date: 05/02/22
Task: SWPPP Inspections



30 Corporate Cir Ste 201
Albany, NY 12203-5169
518-266-0310

Distribution List

- (1) 705 Broadway Hotel LLC, Melissa Zell
- (1) CHA Consulting Inc, Scott Smith
- (1) City of Albany NY, Neil O'Connor
- (1) City of Albany NY, Peter Beck
- (1) Hershberg & Hershberg Consulting Engineers & Land Surveyors, Dan Hershberg
- (1) JPS Consulting Engineers, James Kaplan
- (1) JPS Consulting Engineers, Joanne Watson
- (1) JPS Consulting Engineers, Paul Gilchrist
- (1) QPK Design LLP, Andy Wright
- (1) QPK Design LLP, Jack Kelly
- (1) QPK Design LLP, Kristen Lee
- (1) The Pike Company Inc, Bryan Shepard
- (1) The Pike Company Inc, Mike Gestwick
- (1) The Pike Company Inc, Nolan Adams
- (1) The Pioneer Companies LLC, Chuck Rogalia
- (1) The Pioneer Companies LLC, David Urciuoli
- (1) The Pioneer Companies LLC, Jody Hess-Franey
- (1) The Pioneer Companies LLC, Melissa Zell
- (1) The Pioneer Companies LLC, Shannon Eldridge

APPENDIX B

Institutional & Engineering Controls Certification Forms



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details	Box 1	
Site No. 401070		
Site Name: Capital Center		
Site Address: 705 Broadway		
City/Town: Albany, New York	Zip Code: 12204	
County: Albany		
Site Acreage: 1.67		
Reporting Period: January 1, 2021	to April 29, 2022	
	YES	NO
1. Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
Signature of Owner, Remedial Party or Designated Representative		Date	

Description of Institutional Controls

A series of ICs are required to implement, maintain and monitor the ECs. The Environmental Easement (EE) requires compliance with the ICs. The EE for this site was recorded on July 19, 2017 in Albany County as instrument #C401070-10-13.

The EE ensures that:

- * All ECs must be operated and maintained as specified in the SMP
- * All ECs on the Site must be inspected and certified at a frequency and in a manner defined in the SMP
- * Environmental monitoring must be performed as defined in the SMP
- * Data and information pertinent to SM for the Controlled Property must be reported at the frequency and in a manner defined in the SMP
- * On-site environmental monitoring devices, including but not limited to groundwater monitoring wells, must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.

In addition, the Environmental Easement places the following restrictions on the property:

- * Required compliance with the approved SMP. Restrict the use of groundwater as a source of potable water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) and/or the NYSDEC
- * the owner of the Property shall provide information to the NYSDEC to assist in carrying out its obligation to provide a periodic certification, prepared and submitted by a professional engineer or environmental professional acceptable to the NYSDEC or Relevant Agency, which will certify that the IC/ECs put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired
- * The owner of the Property shall continue in full force and effect any IC/ECs required for the Remedy and shall not, through any act or omission, interfere with the NYSDEC's maintenance and monitoring of such controls, unless the owner first obtains permission to discontinue such controls from the NYSDEC or Relevant Agency, in compliance with the approved SMP subject to modifications as approved by the NYSDEC or Relevant Agency
- * Vegetable gardens and farming on the site are prohibited in the Track 4 area only.

Description of Engineering Controls**Box 4**

Because remaining contamination is present at the Site, ECs and ICs have been implemented to protect public health and the environment for the applicable future use. The controlled Property has the following ECs:

- * A cover system placed over the Track 4 area
- * Site Access Controls

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES NO

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative	Date

IC CERTIFICATIONS
SITE NO. C401070

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Melissa F. Zell at 333 W. Washington St., #600, Syracuse, NY
print name print business address 13202

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.


Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

5/25/2022
Date

IC/EC CERTIFICATIONS

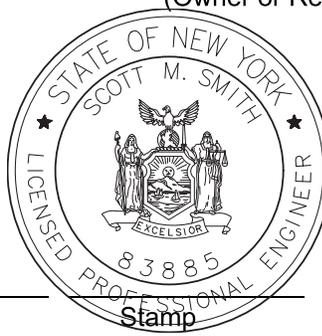
Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Scott Smith at 300 South State Street, Syracuse, NY 13202,
print name print business address

am certifying as a Owner
(Owner or Remedial Party)



Handwritten signature of Scott Smith in black ink.

Signature of _____, for the Owner or Remedial Party,
Rendering Certification

05/25/2022

Date

Stamp
(Required for PE)

14170

SUBDIVISION NO. _____

MAP OF THE SUBDIVISION OF PROPERTY AT:
No. 705 BROADWAY

STREET ADDRESS AS SHOWN ON TAX ROLLS

TAX MAP NO. _____

ASSESSMENT ROLL INFORMATION

PARCEL ADDRESS	TAX ID NO.	ACCOUNT NUMBER
No. 705 BROADWAY	76.27-1-18	11295

OWNER & TAX BILLING ADDRESS:
EC 705 BROADWAY LLC
PIONEER MGMT GROUP LLC
533 W. WASHINGTON ST SUITE 600
SYRACUSE NY 13203

APPROVED

DATE

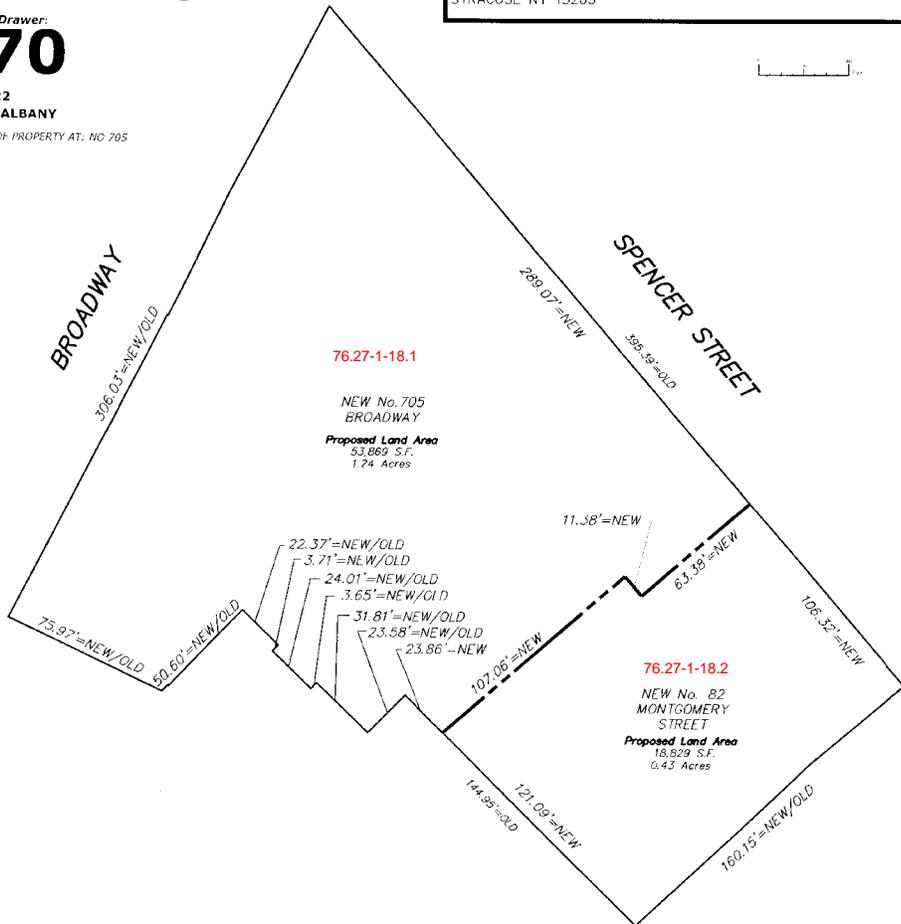
CHIEF PLANNING OFFICIAL

3/31/22

Map: **14170**
Drawer:

Date Filed: 4/4/2022
Municipality: CITY OF ALBANY

MAP OF THE SUBDIVISION OF PROPERTY AT: NO 705 BROADWAY



SCALE: ONE INCH TO 40 FEET

————— DENOTES RESUBDIVISION LINE

- - - - - DENOTES ORIGINAL SUBDIVISION LINE

SHOW OLD STREET NUMBER SCREENED, THUS 25

SHOW NEW STREET NUMBER SOLID, THUS 25

BY:

P.L.S.

SEAL

DATE: 3/29/2022

FILE No. 160052-MIXED
USE PERMIT SET
REVISED 3 29 22.DWG

RECORDED
2022-04-11 09:19
ALBANY COUNTY CLERK

14170

APPENDIX C

Site-wide Inspection Checklist



INSPECTION CHECKLIST

Report No.

Date: April 8, 2022

Time: 1:00 PM

Site Name: Capital Center Site

NYSDEC Site No. C401070

Address: Broadway and Spencer Streets, Albany, NY

Project No. 031647.000

Inspector(s): Caroline Hurlburt

Weather: Cloudy

Type of Inspection: Routine Post Severe Condition

Temp.: Hi 55° F Low

Time Low Tide: N/A

SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion of cover soils/materials from Site surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of depressions in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of significant cracks in cover materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of exposed or damaged demarcation barrier.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of vapors or odors emanating from the Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

VEGETATIVE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of stressed vegetation.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of bare or thin vegetative cover.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of overgrowth or areas that need to be mowed.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of recent areas of excavation or disturbed areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

VECTOR INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No vectors or vector activity (e.g. tracks, droppings, dens, etc.) were observed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There was no evidence of damage to the soil cover system due to vector activity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
There is no evidence of erosion around drainage structures.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of settlement of drainage structures.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Manhole covers present & in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
There is no evidence of siltation, debris, or other restrictions in the manholes.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



INSPECTION CHECKLIST

Report No.

Date: April 8, 2022

Time: 1:00 PM

MONITORING WELL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The monitoring wells are in generally good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Well caps are installed on the wells.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Locks present and secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Site accessible and passable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The Site continues to be utilized for commercial and passive recreational uses only.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is no evidence of groundwater extraction and/or use on Site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ADDITIONAL NOTES & OBSERVATIONS

Site is under construction; however, construction activities were temporarily suspended in the spring of 2020 and had not resumed as of the date of CHA's site inspection.

Signature: CRH

Total Inspection Time: 30 min

APPENDIX D

Site Photographs



Photo 1 – Looking northwest; northern portion of the Site. (04/08/22)



Photo 2 – Looking north, toward Spencer Street; northern portion of the Site. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 3 – Looking northeast; northeastern portion of the Site. (04/08/22)



Photo 4 – Looking east; central portion of the Site and Site building. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 5 – Looking southeast; central portion of site. (04/08/22)



Photo 6 – Looking south, from north-central portion of the Site. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 7 – Looking southwest; southwest portion of the Site. (04/08/22)



Photo 8 – Looking south; southwestern portion of the Site; area in vicinity of former monitoring well MW-1 (well location in lower left quadrant of photo). (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 9 – Looking southwest, toward Broadway; southwest corner of the Site. (04/08/22)



Photo 10 – Looking east-northeast; eastern portion of the Site. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 11 – Looking east; Site building at left; asphalt-covered Track 4 Area . (04/08/22)



Photo 12 – Looking east; Site building at left; asphalt-covered Track 4 Area. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 13 – Looking east; Site building at left; easternmost portion of asphalt-covered Track 4 Area. (04/08/22)



Photo 14 – Looking west, toward Broadway; asphalt-covered Track 4 Area. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**



Photo 15 – Looking southwest; western end of asphalt-covered Track 4 Area. (04/08/22)



Photo 16 – Looking south; Site building at left. (04/08/22)



SITE PHOTOGRAPHS

**Capital Center Site
705 Broadway
Albany, New York**

APPENDIX E

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L2121264
Client:	CHA Companies 3 Winners Circle Albany, NY 12205
ATTN:	C. Hurlburt
Phone:	(518) 453-4500
Project Name:	CAPITAL CENTER
Project Number:	031647.000
Report Date:	05/06/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2121264-01	MW1-04262021	WATER	ALBANY, NY	04/26/21 17:10	04/26/21
L2121264-02	TRIP BLANK	WATER	ALBANY, NY	04/26/21 00:00	04/26/21

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

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.

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:



Sebastian Corbin

Title: Technical Director/Representative

Date: 05/06/21

ORGANICS

VOLATILES

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 12:22
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	17		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-02
 Client ID: TRIP BLANK
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 00:00
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/21 12:45
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-02
 Client ID: TRIP BLANK
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 00:00
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 10:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1494997-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 10:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1494997-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/05/21 10:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1494997-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: 031647.000

Lab Number: L2121264

Report Date: 05/06/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1494997-3 WG1494997-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	99		98		70-130	1		20
Carbon tetrachloride	84		83		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	95		94		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	95		95		70-130	0		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	85		86		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	92		92		67-130	0		20
Bromodichloromethane	93		95		67-130	2		20
trans-1,3-Dichloropropene	98		97		70-130	1		20
cis-1,3-Dichloropropene	96		94		70-130	2		20
Bromoform	96		96		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	98		97		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	98		97		70-130	1		20
Chloromethane	81		80		64-130	1		20
Bromomethane	51		57		39-139	11		20
Vinyl chloride	90		90		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2121264

Project Number: 031647.000

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1494997-3 WG1494997-4								
Chloroethane	100		98		55-138	2		20
1,1-Dichloroethene	91		91		61-145	0		20
trans-1,2-Dichloroethene	98		97		70-130	1		20
Trichloroethene	96		96		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	95		96		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	63		64		36-147	2		20
Acetone	140		120		58-148	15		20
Carbon disulfide	97		94		51-130	3		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	88		89		41-144	1		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	96		100		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: 031647.000

Lab Number: L2121264

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1494997-3 WG1494997-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	96		100		70-130	4		20
Cyclohexane	97		95		70-130	2		20
1,4-Dioxane	80		88		56-162	10		20
Freon-113	84		84		70-130	0		20
Methyl cyclohexane	86		85		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		104		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	99		97		70-130

SEMIVOLATILES

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/04/21 01:11
 Analyst: EK

Extraction Method: EPA 3510C
 Extraction Date: 05/02/21 14:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	69		41-149

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/06/21 12:50
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/02/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

SAMPLE RESULTS

Lab ID: L2121264-01
 Client ID: MW1-04262021
 Sample Location: ALBANY, NY

Date Collected: 04/26/21 17:10
 Date Received: 04/26/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	85		41-149

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/04/21 00:22
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 05/02/21 14:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1493452-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/04/21 00:22
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 05/02/21 14:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1493452-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	101		41-149

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/21 13:33
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 05/02/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1493454-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/21 13:33
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 05/02/21 14:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1493454-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	125		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2121264

Project Number: 031647.000

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1493452-2 WG1493452-3								
Bis(2-chloroethyl)ether	65		65		40-140	0		30
3,3'-Dichlorobenzidine	64		63		40-140	2		30
2,4-Dinitrotoluene	73		76		48-143	4		30
2,6-Dinitrotoluene	79		79		40-140	0		30
4-Chlorophenyl phenyl ether	62		64		40-140	3		30
4-Bromophenyl phenyl ether	63		62		40-140	2		30
Bis(2-chloroisopropyl)ether	81		80		40-140	1		30
Bis(2-chloroethoxy)methane	77		72		40-140	7		30
Hexachlorocyclopentadiene	61		61		40-140	0		30
Isophorone	80		77		40-140	4		30
Nitrobenzene	84		81		40-140	4		30
NDPA/DPA	68		70		40-140	3		30
n-Nitrosodi-n-propylamine	88		82		29-132	7		30
Bis(2-ethylhexyl)phthalate	90		92		40-140	2		30
Butyl benzyl phthalate	88		87		40-140	1		30
Di-n-butylphthalate	78		77		40-140	1		30
Di-n-octylphthalate	95		98		40-140	3		30
Diethyl phthalate	73		74		40-140	1		30
Dimethyl phthalate	77		73		40-140	5		30
Biphenyl	70		66		40-140	6		30
4-Chloroaniline	75		78		40-140	4		30
2-Nitroaniline	82		81		52-143	1		30
3-Nitroaniline	63		68		25-145	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: 031647.000

Lab Number: L2121264

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1493452-2 WG1493452-3								
4-Nitroaniline	65		65		51-143	0		30
Dibenzofuran	64		65		40-140	2		30
1,2,4,5-Tetrachlorobenzene	66		64		2-134	3		30
Acetophenone	71		71		39-129	0		30
2,4,6-Trichlorophenol	75		68		30-130	10		30
p-Chloro-m-cresol	89		82		23-97	8		30
2-Chlorophenol	70		66		27-123	6		30
2,4-Dichlorophenol	74		74		30-130	0		30
2,4-Dimethylphenol	75		76		30-130	1		30
2-Nitrophenol	90		91		30-130	1		30
4-Nitrophenol	54		57		10-80	5		30
2,4-Dinitrophenol	65		61		20-130	6		30
4,6-Dinitro-o-cresol	69		73		20-164	6		30
Phenol	56		55		12-110	2		30
2-Methylphenol	68		70		30-130	3		30
3-Methylphenol/4-Methylphenol	72		72		30-130	0		30
2,4,5-Trichlorophenol	81		67		30-130	19		30
Carbazole	76		75		55-144	1		30
Atrazine	90		89		40-140	1		30
Benzaldehyde	65		61		40-140	6		30
Caprolactam	47		43		10-130	9		30
2,3,4,6-Tetrachlorophenol	65		68		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: 031647.000

Lab Number: L2121264

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1493452-2 WG1493452-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		73		21-120
Phenol-d6	60		59		10-120
Nitrobenzene-d5	106		106		23-120
2-Fluorobiphenyl	90		88		15-120
2,4,6-Tribromophenol	81		90		10-120
4-Terphenyl-d14	90		99		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2121264

Project Number: 031647.000

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1493454-2 WG1493454-3								
Acenaphthene	80		86		40-140	7		40
2-Chloronaphthalene	78		84		40-140	7		40
Fluoranthene	91		103		40-140	12		40
Hexachlorobutadiene	66		72		40-140	9		40
Naphthalene	74		80		40-140	8		40
Benzo(a)anthracene	83		89		40-140	7		40
Benzo(a)pyrene	90		98		40-140	9		40
Benzo(b)fluoranthene	90		103		40-140	13		40
Benzo(k)fluoranthene	92		97		40-140	5		40
Chrysene	83		93		40-140	11		40
Acenaphthylene	82		89		40-140	8		40
Anthracene	85		94		40-140	10		40
Benzo(ghi)perylene	85		91		40-140	7		40
Fluorene	85		91		40-140	7		40
Phenanthrene	82		90		40-140	9		40
Dibenzo(a,h)anthracene	92		99		40-140	7		40
Indeno(1,2,3-cd)pyrene	89		93		40-140	4		40
Pyrene	90		102		40-140	13		40
2-Methylnaphthalene	81		87		40-140	7		40
Pentachlorophenol	77		84		40-140	9		40
Hexachlorobenzene	73		79		40-140	8		40
Hexachloroethane	64		70		40-140	9		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: 031647.000

Lab Number: L2121264

Report Date: 05/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1493454-2 WG1493454-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		76		21-120
Phenol-d6	60		63		10-120
Nitrobenzene-d5	89		97		23-120
2-Fluorobiphenyl	95		103		15-120
2,4,6-Tribromophenol	88		103		10-120
4-Terphenyl-d14	123		140		41-149

Project Name: CAPITAL CENTER**Lab Number:** L2121264**Project Number:** 031647.000**Report Date:** 05/06/21**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(*)
L2121264-01A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2121264-01B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2121264-01C	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2121264-01D	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2121264-01E	Amber 250ml unpreserved	A	7	7	3.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2121264-02A	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2121264-02B	Vial HCl preserved	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers



Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

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.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- 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.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- 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).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

Data Qualifiers

- 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.

Project Name: CAPITAL CENTER
Project Number: 031647.000

Lab Number: L2121264
Report Date: 05/06/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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, **LCHAT 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, SM9222D.**

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, EPA 537.1.

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.



ANALYTICAL REPORT

Lab Number:	L2154729
Client:	CHA Companies 3 Winners Circle Albany, NY 12205
ATTN:	Scott Smith
Phone:	(518) 453-2869
Project Name:	CAPITIAL CENTER
Project Number:	Not Specified
Report Date:	10/14/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2154729-01	MW1-100721	WATER	ALBANY, NY	10/07/21 13:00	10/07/21
L2154729-02	TRIP BLANK	WATER	ALBANY, NY	10/07/21 00:00	10/07/21

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

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.

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:



Sebastian Corbin

Title: Technical Director/Representative

Date: 10/14/21

ORGANICS

VOLATILES

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-01
 Client ID: MW1-100721
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 13:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/12/21 23:30
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-01
 Client ID: MW1-100721
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 13:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	15		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-02
 Client ID: TRIP BLANK
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 00:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/12/21 23:07
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: CAPITAL CENTER

Lab Number: L2154729

Project Number: Not Specified

Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-02

Date Collected: 10/07/21 00:00

Client ID: TRIP BLANK

Date Received: 10/07/21

Sample Location: ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 20:00
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1558213-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 20:00
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1558213-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/12/21 20:00
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1558213-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: Not Specified

Lab Number: L2154729

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1558213-3 WG1558213-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		96		63-130	2		20
1,1,2-Trichloroethane	100		98		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	98		97		67-130	1		20
trans-1,3-Dichloropropene	100		98		70-130	2		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	95		90		54-136	5		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	100		99		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	120		110		39-139	9		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2154729

Project Number: Not Specified

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1558213-3 WG1558213-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	120		110		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	90		90		36-147	0		20
Acetone	120		120		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	120		120		63-138	0		20
4-Methyl-2-pentanone	110		100		59-130	10		20
2-Hexanone	130		120		57-130	8		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: Not Specified

Lab Number: L2154729

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1558213-3 WG1558213-4								
1,2,4-Trichlorobenzene	110		100		70-130	10		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	190	Q	164	Q	56-162	15		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		112		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	102		101		70-130

SEMIVOLATILES

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-01
 Client ID: MW1-100721
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 13:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/13/21 19:01
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 10/12/21 12:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-01
 Client ID: MW1-100721
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 13:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	84		41-149

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

SAMPLE RESULTS

Lab ID: L2154729-01
 Client ID: MW1-100721
 Sample Location: ALBANY, NY

Date Collected: 10/07/21 13:00
 Date Received: 10/07/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/13/21 22:57
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 10/12/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: CAPITAL CENTER**Lab Number:** L2154729**Project Number:** Not Specified**Report Date:** 10/14/21**SAMPLE RESULTS**

Lab ID: L2154729-01

Date Collected: 10/07/21 13:00

Client ID: MW1-100721

Date Received: 10/07/21

Sample Location: ALBANY, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	69		41-149

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/21 01:54
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/12/21 12:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1557577-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/13/21 01:54
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/12/21 12:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1557577-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	79		41-149

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/13/21 21:42
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/12/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1557578-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/13/21 21:42
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 10/12/21 12:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1557578-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	74		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2154729

Project Number: Not Specified

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1557577-2 WG1557577-3								
Bis(2-chloroethyl)ether	50		53		40-140	6		30
3,3'-Dichlorobenzidine	40		46		40-140	14		30
2,4-Dinitrotoluene	43	Q	48		48-143	11		30
2,6-Dinitrotoluene	50		54		40-140	8		30
4-Chlorophenyl phenyl ether	49		53		40-140	8		30
4-Bromophenyl phenyl ether	52		58		40-140	11		30
Bis(2-chloroisopropyl)ether	57		63		40-140	10		30
Bis(2-chloroethoxy)methane	51		55		40-140	8		30
Hexachlorocyclopentadiene	45		48		40-140	6		30
Isophorone	50		54		40-140	8		30
Nitrobenzene	50		54		40-140	8		30
NDPA/DPA	49		52		40-140	6		30
n-Nitrosodi-n-propylamine	53		58		29-132	9		30
Bis(2-ethylhexyl)phthalate	59		67		40-140	13		30
Butyl benzyl phthalate	58		58		40-140	0		30
Di-n-butylphthalate	47		49		40-140	4		30
Di-n-octylphthalate	66		76		40-140	14		30
Diethyl phthalate	52		57		40-140	9		30
Dimethyl phthalate	45		49		40-140	9		30
Biphenyl	49		53		40-140	8		30
4-Chloroaniline	44		49		40-140	11		30
2-Nitroaniline	46	Q	49	Q	52-143	6		30
3-Nitroaniline	42		46		25-145	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Lab Number: L2154729

Project Number: Not Specified

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1557577-2 WG1557577-3								
4-Nitroaniline	46	Q	47	Q	51-143	2		30
Dibenzofuran	45		50		40-140	11		30
1,2,4,5-Tetrachlorobenzene	49		52		2-134	6		30
Acetophenone	52		56		39-129	7		30
2,4,6-Trichlorophenol	50		54		30-130	8		30
p-Chloro-m-cresol	50		53		23-97	6		30
2-Chlorophenol	50		54		27-123	8		30
2,4-Dichlorophenol	50		54		30-130	8		30
2,4-Dimethylphenol	48		50		30-130	4		30
2-Nitrophenol	51		54		30-130	6		30
4-Nitrophenol	40		42		10-80	5		30
2,4-Dinitrophenol	40		42		20-130	5		30
4,6-Dinitro-o-cresol	61		65		20-164	6		30
Phenol	40		43		12-110	7		30
2-Methylphenol	46		51		30-130	10		30
3-Methylphenol/4-Methylphenol	48		52		30-130	8		30
2,4,5-Trichlorophenol	51		53		30-130	4		30
Carbazole	46	Q	47	Q	55-144	2		30
Atrazine	59		63		40-140	7		30
Benzaldehyde	51		57		40-140	11		30
Caprolactam	28		31		10-130	10		30
2,3,4,6-Tetrachlorophenol	48		54		40-140	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: Not Specified

Lab Number: L2154729

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1557577-2 WG1557577-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	40		45		21-120
Phenol-d6	37		41		10-120
Nitrobenzene-d5	47		51		23-120
2-Fluorobiphenyl	45		49		15-120
2,4,6-Tribromophenol	54		62		10-120
4-Terphenyl-d14	44		47		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: Not Specified

Lab Number: L2154729

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1557578-2 WG1557578-3								
Acenaphthene	85		82		40-140	4		40
2-Chloronaphthalene	92		90		40-140	2		40
Fluoranthene	97		80		40-140	19		40
Hexachlorobutadiene	73		72		40-140	1		40
Naphthalene	80		79		40-140	1		40
Benzo(a)anthracene	109		91		40-140	18		40
Benzo(a)pyrene	107		91		40-140	16		40
Benzo(b)fluoranthene	105		86		40-140	20		40
Benzo(k)fluoranthene	103		89		40-140	15		40
Chrysene	96		82		40-140	16		40
Acenaphthylene	98		95		40-140	3		40
Anthracene	97		85		40-140	13		40
Benzo(ghi)perylene	117		96		40-140	20		40
Fluorene	94		87		40-140	8		40
Phenanthrene	93		81		40-140	14		40
Dibenzo(a,h)anthracene	123		104		40-140	17		40
Indeno(1,2,3-cd)pyrene	118		97		40-140	20		40
Pyrene	94		78		40-140	19		40
2-Methylnaphthalene	88		86		40-140	2		40
Pentachlorophenol	111		88		40-140	23		40
Hexachlorobenzene	80		72		40-140	11		40
Hexachloroethane	69		69		40-140	0		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CAPITAL CENTER

Project Number: Not Specified

Lab Number: L2154729

Report Date: 10/14/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1557578-2 WG1557578-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		60		21-120
Phenol-d6	50		48		10-120
Nitrobenzene-d5	73		71		23-120
2-Fluorobiphenyl	87		83		15-120
2,4,6-Tribromophenol	80		71		10-120
4-Terphenyl-d14	91		75		41-149

Project Name: CAPITAL CENTER**Lab Number:** L2154729**Project Number:** Not Specified**Report Date:** 10/14/21**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(*)
L2154729-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2154729-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2154729-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2154729-01D	Amber 250ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2154729-01E	Amber 250ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2154729-02A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2154729-02B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.

Report Format: DU Report with 'J' Qualifiers



Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

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.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- 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.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- 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.
- 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).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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: CAPITAL CENTER**Lab Number:** L2154729**Project Number:** Not Specified**Report Date:** 10/14/21**Data Qualifiers**

- 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.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: CAPITAL CENTER
Project Number: Not Specified

Lab Number: L2154729
Report Date: 10/14/21

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-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, **LCHAT 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, SM9222D.**

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, EPA 537.1.

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.

APPENDIX F

Well Abandonment Log



WELL ABANDONMENT LOG

BORING NO. 1

WELL NO. MW-1

PROJECT & LOCATION: Capital Center, 705 Broadway, Albany, NY

CLIENT: Pioneer Companies

PROJECT NO.: 031647.000

CONTRACTOR: Cascade Remediation Services

SHEET NO.: 1 OF 1

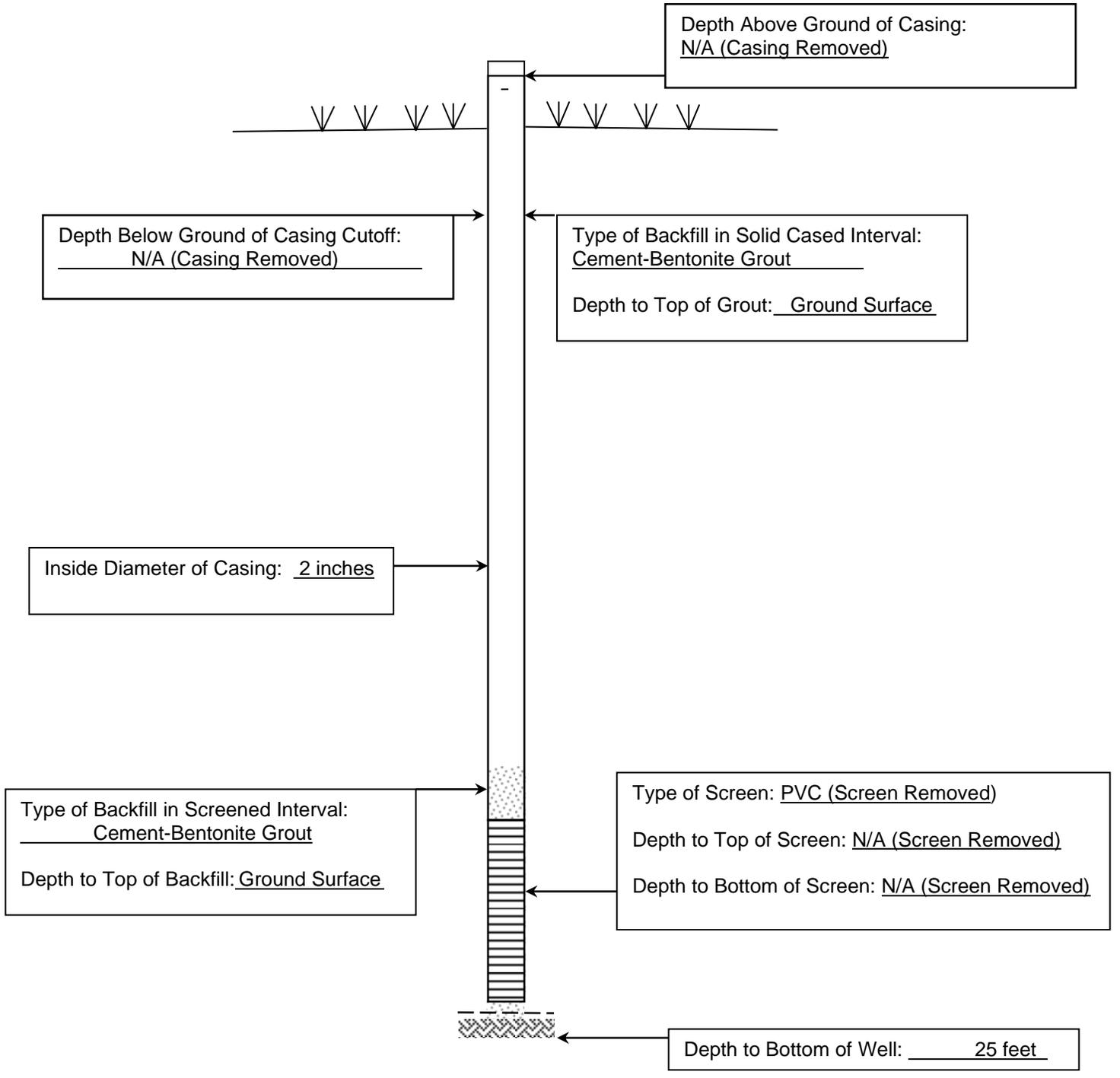
ELEVATION:

START DATE: 03/10/22 TIME: 09:30

FINISH DATE: 03/10/22 TIME: 10:00

DRILLER: Joe Hutchins

INSPECTOR: Caroline Hurlburt



CHIA

